



World Desertification Bibliography



WORLD DESERTIFICATION BIBLIOGRAPHY

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THE OFFICE OF ARID LANDS STUDIES
THE UNIVERSITY OF ARIZONA

OALS



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UNEP and OALS 1991

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PREFACE

In 1973 the University of Arizona's Office of Arid Lands Studies (OALS) produced a work edited by Patricia Paylore and Wade Sherbrooke entitled, *World Desertification: Cause and Effect. A Literature Review and Annotated Bibliography*. In 1976 on the eve of the United Nations Conference on Desertification (UNCOD), OALS expanded, revised, and reissued the original work. The result was the first edition of *Desertification: A World Bibliography*, which was presented at the 23rd International Geographical Congress held in Moscow in 1976. The 644-page volume contained 1,645 references dating from approximately 1967 to 1976; each citation included a detailed abstract. In response to the demand for an update the 1980 edition added another 402 fully abstracted reference.

In each instance researchers from institutions throughout the world contributed to the preparation of these bibliographies. The International Geographical Union Working Group on Desertification created a framework for selecting and organizing identified references, and provided these guidelines to collaborators. Throughout the process the bibliographic activity aimed to "collect evidence on the nature and causes of environmental changes constituting an extension of deserts into marginal areas or an intensification of desert conditions within arid regions." Guidelines for selection of citations used throughout the successive editions of the bibliography are listed in Table 1.

In the dozen years since UNCOD, the United Nations Environment Programme (UNEP) in Nairobi has been promoting efforts to sustain environmental stability in areas subject to the above processes. Through its Desertification Control Programme Activity Center (DC/PAC) UNEP has sponsored projects, published reports, periodicals, and organizational directories, and encouraged national planning efforts to manage environmental degradation. During this period the topic of desertification has been explored vigorously by scholars, resource managers, and planners. The resulting accumulation of a voluminous body of literature confirmed that the 1980 edition of the bibliography had become outdated.

In view of UNEP's central involvement in desertification, its sponsorship of the preparation of a major revision of *Desertification: A World Bibliography* was a logical enterprise. The present work is the product of a UNEP project contracted to the Office of Arid Lands Studies to revise and update the bibliography. The project had two aims: (1) to increase the availability of relevant information on desertification control for decision makers, planners and researchers/scientists, (2) to increase the size of the DC/PAC's database; and (3) to produce a hard copy for general distribution.

This is the first joint UNEP/OALS edition of the bibliography contains 3,897 citations through 1988, almost doubling the number of entries in the previous edition.

To collect citations for the new bibliography, the editors searched numerous online databases. Those yielding the most relevant references were *CAB Abstracts*, *AGRIS*, *AGRICOLA*, *BIOSIS*, *Aerospace Database*, *GEOARCHIVE*, *GEODATA*, *GEOREF*, *NTIS*, *Life Sciences*, *COMPENDEX PLUS*, *ENVIROLINE*, *Environmental Bibliography*, and *PAIS*. UNEP/DC-PAC contributed 415 references to documents available in its library. The compilers obtained other references from the U.S. Agency for International Development, the U.S. library of Congress, and the World Bank. Finally, titles and publications were solicited from scholars working on desertification.

The format of the citations appearing below reflects the structure of *Desertification Bibliography* database (DESBIB) maintained on UNESCO's Micro-CDS/ISIS, the bibliographic database management system in use at DC/PAC. The main listings are organized alphabetically by the first author. In each instance, records are arranged in ascending order of the year published. Indexes are provided for subject descriptor, geographical descriptor, and individual authors. The descriptors appearing in the subject and geographical indexes are major descriptors selected by the editors from over 2000 terms appearing in DESBIB. The *CAB Thesaurus* (produced by CAB International Wallingford, United Kingdom) was used as a guide in selection of the major descriptors.

Since the inception of this efforts, numerous persons have offered significant encouragement and assistance. First we acknowledge the work of Patricia Paylore, whose foresight and determination yielded three predecessors to the present volume. Among the editors it was Barbara Hutchinson who decided to embark on a revised edition in 1987. The United Nations Environment Programme's Desertification Control Programme Activity Center, recognized the value of the project and rendered financial and technical support. DC/PAC was responsible for finalizing the database on UNESCO's Micro-CDS/ISIS 2.3, indexing, and production of camera-ready copy from the database. From the start this has been a joint undertaking and the editors gratefully acknowledge the support and assistance of the DC/PAC staff.

At the Office of Arid Lands Studies the project was managed under the auspices of the Arid Lands Information Centre. The editors were supported by a dedicated, professional staff; among those who contributed were: Daniel Barron, Marianna Fitzgerald, James Kimball, and Jodee Kuske. Non-English citations were reviewed by Bodo Bartocha, Maura Mack, and Julie Woodward. The cover was designed by DC/PAC, showing the aridity map of the world as produced by GEMS/GRID at UNEP Headquarters Nairobi. It is based on climatic data sets made available by the Climatic Research Unit of the University of East Anglia.

The editors
Tucson, Arizona
August 1991

Guidelines for selection of Citations for Desertification Bibliography.

A. Natural Trends

1. Climatic changes in the historical period
2. Hydrologic changes
3. Changes in landform due to the action of water
4. Changes in landform due to the action of wind
5. Changes in Soils
6. Changes in natural vegetation

B. Man's Influence on the Processes of Desertification

1. Agriculture, dryland or irrigated
2. Pastoralism, rural settlement, and nomadism
3. Forestry, with emphasis on collection of fuel
4. Urbanization
5. Population changes
6. Mining (including oil and gas) and pipeline construction
7. Transportation, including construction of roads, railways, airfields
8. Tourism and recreation

C. Preservational Measures

1. Studies of status and trend of the environment
2. Regional assessments of natural resources
3. Studies of natural hazards
4. Establishment of national parks and reserves
5. Other controls of land use

D. Preventive and Remedial Measures

1. Climate: climatic stress, rainmaking, evaporation suppression, shelterbelts
2. Water supplies: inventories of water resources, water balance or hydrologic cycle, improvement of supplies for drinking, stock or irrigation; water harvesting schemes
3. Erosion control: stabilization of dunes and drift sands, monitoring or processes, measures against water and wind erosion
4. Improvement of desert vegetative cover: surveys of the extent of degradation, range and grazing studies, revegetation of bare areas, pasture improvement, afforestation
5. Control of land use: pastoral, dryland/irrigated agriculture
6. Control of population and settlement: regional development, mining, industry tourism, recreation, health care.

Note from the Desertification Control Programme Activity Centre/UNEP

Computer version of DESBIB database

A computerized database version of the bibliography (DESBIB) was created in DC/PAC based on the substance obtained from the Office of Arid Lands studies.

The complete or selected part of the DESBIB database is available on request from this office in computer readable formats (ISO, Micro CDS/ISIS files, ASCII). The request should be sent to the following address:

Desertification Control Programme Activity Centre (DC/PAC)
United Nations Environment Programme
P.O. Box 30552, Nairobi, KENYA

Cable: UNITERRA NAIROBI
Telex: 22068 UNEP KE
Telefax: +254-2-215615

Request for documents and materials on desertification, its control and drylands development issues

Database and publication updates covering years up to 1991 is planned for distribution in early 1992. To this end, DC/PAC wishes to request the concerned researchers and bodies to provide us with the relevant documents and materials (project description, reports, statistics, maps, Audio-Visuals, databases, etc).

Either, published or un-published, all qualifying materials will be included in the DESBIB database and maintained in DC/PAC's Desertification Library for further dissemination to the wider audience.

Updating of a thesaurus dealing with subjects under the desertification domain (DESI thesaurus) is currently under consideration. The thesaurus originally prepared by the Office of Arid Lands Studies in setting up of DC/PAC's Desertification Library in 1988 had become outdated as the subjects associated with the topics of desertification had since considerably broadened. Through this update exercise, it is intended to better illustrate the complex and diverse issues of desertification. The thesaurus of course will basically be used in cataloguing and indexing of the DESBIB database entries and further in retrieval and compilation of other desertification information resources. The updated draft, expected to be ready in September 1991, will also be available on request.

Request for comments and suggestions

We would like to receive your comments and suggestion on how to improve the usability of the DESBIB database and the publication.

Desertification Control
Programme Activity Centre
August 1991

Description of Main Bibliography

- | | | | |
|------|--------------------------|---|----|
| 1 | 2 | | |
| 1462 | Habib, A | | |
| | | LUTTE CONTRE L'ENSABLEMENT DES PALMERAIES
DANS LE SUD MAROCAIN, MAROC. DEVELOPPEMENT
DANS LE SUD MAROCAIN, MAROC. DEVELOPPEMENT
RURAL INTEGRE DANS LES PALMERAIES DU SUD
MAROCAIN. PROVINCES D'OUARZAZATE ET
D'ERRACHIDIE. RAPPORT DE CONSULTATION (Control of
Sand Accumulation in Palm Plantations in South Morocco,
Morocco. Integrated Rural Development in Palm Plantations of
South Morocco. Ouarzazate and Errachidie Provinces) | |
| 7 | | Lang.: fre. UN Doc. no.: FAO-FO--MOR/78/017. | 8 |
| 9 | | Rome: Food and Agriculture Organization, Forestry Department, | |
| 10 | | Apr. 1982. 55p | |
| 14 | | Descriptor: Palmae * desertification * plant protection * soil
erosion * soil reclamation * rural development | |
| 15 | | Geographical descriptor: Morocco * Ouarzazate Province *
Errachidie Province * North Africa * Francophone Africa *
Africa | |
| 0032 | Achtnich, W.; Homeyer, B | | |
| | | PROTECTIVE MEASURES AGAINST DESERTIFICATION IN
OASIS FARMING, AS DEMONSTRATED BY THE EXAMPLE
OF OASIS-AL-HASSA, SAUDI ARABIA | |
| | | Lang.: eng. 1980. Series title: Stuttgarter Geographische
Studien. Vol.95:p.93-105. ISBN 3-88028-095-9. | 11 |
| 13 | | Note: (In) Desertification in Extremely Arid Environments by W.
Meckelein (ed.); Summary languages: French, German | 12 |
| | | Descriptor: dune stabilization * species trials * Tamarix aphylla
* reclamation * degraded land * shelterbelts * dunes *
silviculture * soil conservation | |
| | | Geographical descriptor: Saudi Arabia * Al Hassa Oasis *
Middle East | |

1. Sequence no.
2. Authors, and Corporate authors
3. Title
4. Uniform or other title
5. : Edition
6. Meeting or conference name
7. Language
8. Document no. or
UN Document no.
9. Place of publication and name
of publisher
10. Date of publication.
11. Series title, Series no., no. of
pages, etc.
12. ISBN or ISSN no.
13. Notes
14. Subject descriptors
15. Geographical descriptors.

MAIN BIBLIOGRAPHY

- 0001 *Aarons, J.; Vita Finzi, C*
THE USELESS LAND: A WINTER IN THE ATACAMA DESERT
Lang.: eng. London, U.K.: R.Hale. 1960. 191p. Note:
Foreword by Glyn Daniel
Descriptor: coastal areas * deserts * winter
Geographical descriptor: Atacama Desert * Chile * South America
- 0002 *Abbasi, S*
POPULATION GROWTH AND NATURAL RESOURCE DETERIORATION IN DROUGHT-STRICKEN AFRICA
Lang.: eng. Washington D.C.: US Library of Congress. Congressional Research Service Oct 21, 1985. p.85-1149
Descriptor: drought * population growth * environmental impact * population pressure * natural resources
Geographical descriptor: Africa
- 0003 *Abbass, H.L.; Habib, M.M*
HYDROGEOLOGICAL STUDIES ON WEST MAWHOUB AREA SOUTH WESTERN DESERT, EGYPT
Lang.: eng. Cairo: Desert Institute. 1971. Series title: Desert Institute Bulletin (Cairo). Vol.21(2):p.265-283
Descriptor: artesian wells * water chemistry * groundwater * water sources * geochemistry * groundwater recharge * deserts * sandstones * physico-chemical properties of soils * hydrology
Geographical descriptor: Egypt * Western Desert * Dakhla Oasis * Mawhoub Area * Africa
- 0004 *Abbott, M.A.; Dyer, T.G.J*
THE TEMPORAL VARIATION OF RAINFALL RUNOFF OVER THE SUMMER RAINFALL REGION OF SOUTH AFRICA
Lang.: eng. 1976. Series title: South African Journal of Science. Vol.72:p.276-278
Descriptor: rainfall * forecasting * drought * weather data * rainfall runoff relationships * summer precipitation
Geographical descriptor: South Africa * Africa
- 0005 *Abdalla, M.M.; Kandil, M.F*
RECLAMATION OF SANDY SOILS OF THE TAHRIR PROVINCE, A.R.E
Lang.: eng. Cairo: Desert Institute. 1970. Series title: Desert Institute Bulletin (Cairo). Vol.20(1):p.151-162
Descriptor: reclamation * salts * deserts * sediments * soil structure * sand deserts * soil moisture
Geographical descriptor: Egypt * Nile River * Aswan High Dam * Tahrir Province * Africa
- 0006 *Abdel Malek, Y.; et al*
CHEMICAL AND MICROBIOCHEMICAL STUDIES OF THE SOILS OF WADI EL-ARISH AREA
Lang.: eng. Cairo: Desert Institute. 1971. Series title: Desert Institute Bulletin (Cairo). Vol.21(1):p.61-72
Descriptor: soil bacteria * soil types * clay * sandy soils * physico-chemical properties of soils * arable land * soil analysis * wadi
Geographical descriptor: Egypt * Africa
- 0007 *Abdel Malek, Y.; et al*
SOME FACTORS GOVERNING THE SOIL NITRIFYING CAPACITY UNDER THE CONDITIONS OF KHARGA OASIS SOILS
Lang.: eng. Cairo: Desert Institute. 1971. Series title: Desert Institute Bulletin (Cairo). Vol.21(1):p.49-59
Descriptor: nitrification * reclamation * soil types * soil moisture * clay * sandy soils * deserts
Geographical descriptor: Egypt * Kharga Oasis * Africa
- 0008 *Abdel Rahman, A.A*
WATER RELATIONS OF WINDBREAK TREES UNDER DESERT CONDITIONS
Lang.: eng. 1967. Series title: Phytion Annales Rei Botanicae. Vol.12(1):p.35-41
Descriptor: windbreaks * Tamarix * Acacia * saline soils * dunes * sand control * plant establishment * trees * salt tolerant * Cupressus
Geographical descriptor: Egypt * Africa
- 0009 *Abdel Salam, M.A.; El Bagouri, I.H.; Sabet, S.A*
AMELIORATION OF SANDY SOILS THROUGH CARPET-LIKE APPLICATION OF AMENDMENTS
Lang.: eng. Cairo: Desert Institute. 1970. Series title: Desert Institute Bulletin (Cairo). Vol.20(1):p.121-134
Descriptor: soil amendments * soil texture * crop response * sandy soils * plant nutrition * nitrogen * potassium * phosphorus * reclamation * fertilizers * Medicago sativa * sandy soils
Geographical descriptor: Egypt * Africa
- 0010 *Abdel Salam, M.A.; Abu El Nour, S.O*
QUALITY CONSIDERATION OF EL-OMUM DRAIN WATER FOR IRRIGATION
Lang.: eng. Cairo: Desert Institute. 1964. Series title: Desert Institute Bulletin (Cairo). Vol.14(2):p.1-26
Descriptor: irrigation practices * drainage * saline water * water chemistry * reclamation * sodium chloride * irrigation water
Geographical descriptor: Egypt * Nile River * Africa
- 0011 *Abdel Salam, M.A*
SOILS OF NORTH SINAI
Lang.: eng. Cairo: Desert Institute. 1969. Series title: Desert Institute Bulletin (Cairo). Vol.19(2):p.161-182
Descriptor: soil types * desert pavement * gravel * regosols * dunes * coastal areas * loess * clay * geomorphology * deserts
Geographical descriptor: Sinai * Egypt * Africa
- 0012 *Abdraimov, K.; Safonov, V.V*
METHODS FOR UPGRADING THE PRODUCTIVITY OF ASTRAKHANGRAZING PASTURES IN KAZAKHSTAN
Meeting or Conf.: Mezhdunarodnogo Simpoziuma po Karakulevodstvu, 3d, Samarkand, 1974, Doklady Uchastnikov
Lang.: rus. 1975. p.220-228
Descriptor: pastures * yields * plant production
Geographical descriptor: Astrakhan * Kazakh SSR * USSR
- 0013 *Abdraimov, S*
DEVELOPMENT OF CULTIVATED PASTURES IN THE DESERTS OF KAZAKHSTAN
Lang.: eng. 1974. Series title: Problemy Osvoeniya Pustyn. Vol.2:p.61-63
Descriptor: deserts * pastures * sowing * Kochia prostrata * Eurotia * Haloxylon
Geographical descriptor: Kazakh SSR * USSR
- 0014 *Abdulayev, K.M*
INTENSIFICATION OF THE COMPREHENSIVE STUDY AND DEVELOPMENT OF DESERTS IN THE SOVIET UNION
Lang.: eng. 1969. Series title: Sobraniye Sochineniy. Vol.7:p.263-269
Descriptor: deserts * desertification * desert development
Geographical descriptor: USSR
- 0015 *Aberbach, S.H.; Sellinger, A*
REVIEW OF ARTIFICIAL GROUNDWATER RECHARGE IN THE COASTAL PLAIN OF ISRAEL
Lang.: eng. 1967. Series title: International Association of Scientific Hydrology. Bulletin. Vol.12(1):p.65-77
Descriptor: saline water interfaces * freshwater ecology * saline water intrusion * groundwater recharge * aquifers * recharge wells * water yield improvement * groundwater extraction * water extraction * wells * deserts * coastal plains * water supply
Geographical descriptor: Middle East * Israel
- 0016 *Abeti, W.S.; Dykstra, D.P*
LOGGING AND LOG TRANSPORT IN MIOMBO WOODLAND FORESTS
Lang.: eng. Morogoro, Tanzania: University of Dar es Salaam. Faculty of Agriculture. Forestry and Veterinary Science. 1981. Series title: Record. No.19. 16p
Descriptor: forests * transport * forest products * technology * logging
Geographical descriptor: Tanzania * Miombo Forests * Africa

- 0017 *Abichandani, C.T.; Roy, B.B*
RAJASTHANDESERT: ITS ORIGIN AND AMELIORATION
Lang.: eng. 1966. Series title: Indian Geographical Journal.
Vol.41(3-4):p.35-43
Descriptor: geology * archaeology * deserts * history *
paleoclimatology * reclamation
Geographical descriptor: Rajasthan Desert * India
- 0018 *Abirkulov, K.; Umarov, Y*
NATURAL PASTURES IN KASHKADAR'INSKAYA OBLAST
AND PROBLEMS RELATED TO THEIR EFFICIENT
UTILIZATION IN SHEEP-BREEDING
Lang.: rus. Tashkent, Uzbek SSR: Fan. 1974. p.14-20. Note:
(In) Geograficheskoye osnovy osvoyeniya pustyn' i gor
Uzbekistana (Geographic foundations of the development of
Uzbekistan deserts and mountains)
Descriptor: sheep * animal breeding * deserts * mountains *
pastures * geographic foundations
Geographical descriptor: Kashkadar'inskaya Oblast * Uzbek SSR
* USSR
- 0019 *Abitbol, J*
BREVE INFORMACION SOBRE LA DESERTIZACION
PROGRESIVA EN LAS PROVINCIAS DE CATAMARCA Y LA
RIOJA (Note on the Progressive Desertification in Catamarca
and La Rioja Provinces, Argentina)
Lang.: spa. 1964. Series title: Idia Buenos Aires. Suplemento.
Vol.13:p.121-122
Descriptor: environmental impact * desertification
Geographical descriptor: South America * La Rioja Province *
Catamarca Province * Argentina
- 0020 *Abolkhair, Y.M*
SAND ENCROACHMENT IN AL-HASA OASIS OF SAUDI
ARABIA
Lang.: eng. Lubbock, TX: Texas Tech University. 1981.
p.13-14. Note: ABSTRACT ONLY. (In) Association for Arid
Lands Studies, Proceedings, Vol.IV
Descriptor: desertification * oases * sand * sand encroachment
* geology * geomorphology * sand movement * simulation
models
Geographical descriptor: Saudi Arabia * Al Hassa Oasis *
Middle East
- 0021 *Abou Zeid, A.M*
SEDENTARIZATION AND LAND PROBLEMS
Lang.: eng. Rome: Food and Agriculture Organization. 1967.
p.53-65. Note: (In) Land Policy and the Near East by M.R.
El-Ghonyemy (ed.)
Descriptor: settlements * nomads * social aspects * human
activity * land resources * political aspects * livestock *
economic development
Geographical descriptor: Middle East
- 0022 *Abrol, I.P.; et al*
ALKALI AND SALINE SOILS: IDENTIFICATION AND
IMPROVEMENT FOR CROP PRODUCTION
Lang.: eng. Karnal, India: Central Soil Salinity Research
Institute. 1973. Series title: ICAR Bulletin. No.4. 32p
Descriptor: alkaline soils * saline soils * soil surveys * soil maps
* soil improvement
- 0023 *Abrol, I.P.; Dargan, K.S.; Bhumbal, D.R*
RECLAIMING ALKALI SOILS
Lang.: eng. Karnal, India: Central Soil Salinity Research
Institute. 1973. Series title: ICAR Bulletin. No.2. 58p
Descriptor: alkaline soils * reclamation * land management *
physico-chemical properties of soils * agricultural production
Geographical descriptor: India
- 0024 *Abu Jawdeh, S.N*
MANAGEMENT, CONSERVATION AND DEVELOPMENT OF
AGRICULTURAL RESOURCES IN LEBANON
Meeting or Conf.: Expert Meeting on Management,
Conservation and Development of Agricultural Resources in the
ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
Lang.: eng. New York: United Nations Economic and Social
Council. 1981. 18p
Descriptor: conservation * agricultural development *
environmental impact * desertification * environmental policy
Geographical descriptor: Middle East * Lebanon * ECWA
Region
- 0025 *Abuzov, M.I.; Gabeev, M.D.; Matrosov, L.S*
SCHEME OF LANDS ARRANGEMENT AND PASTURE
MANAGEMENT IN THE LIBYAN CENTRAL ZONE
Lang.: rus. 1981. Series title: Problemy Osvoeniya Pustyn.
1981(5):p.68-77. Note: Summary in English
Descriptor: range management * rangelands * pastures
Geographical descriptor: Libya * Africa
- 0026 *Academia Sinica. Sand Control Group*
CHI-SHA YEN-CHIU:3 (Sand control research)
Lang.: chi. 1962. 203p. Note: Translation issued 1963 by U.S.
Joint Publications Research Service, Washington, D.C., as JPRS
Document 199,993;508p
Descriptor: sand control * dunes * wind action * wind erosion
* deserts * windbreaks * erosion control * lake basins *
shelterbelts * desertification * revegetation * plant establishment
* surveys * sand deserts * afforestation
Geographical descriptor: Takla Makan Desert * China *
Sinkiang * Tarim Basin * Ordos * Mongolia * Central Asia
- 0027 *Academia Sinica. Sand Control Group*
CHI-SHA YEN-CHIU:4 (Sand control research)
Lang.: chi. 1962. 278p. Note: Translation issued 1963 by U.S.
Joint Publications Research Service, Washington, D.C., as JPRS
Document 20,938;751p
Descriptor: sand control * deserts * sand deserts *
geomorphology * desertification * groundwater * wind action *
afforestation * plant establishment * revegetation
Geographical descriptor: China * Tarim Basin * Mongolia *
Central Asia * Sinkiang * Dzungaria * Ordos
- 0028 *Academia Sinica. Sand Control Team*
SHA-MO TI-CHU TI TSUNG-HO TIAO-CHA YEN-CHIU
PAO-KAO:1-2 (A report on the coordinated research on the
desert regions)
Lang.: chi. 1958. 108p. Note: Translation issued 1963 by U.S.
Joint Publications Research Service, Washington, D.C., as JPRS
Documents 18,658 and 18,178
Descriptor: sand control * dunes * wind action * wind erosion
* deserts * revegetation * lake basins * surveys * reclamation *
saline soils * afforestation * shelterbelts * plant establishment
* desertification
Geographical descriptor: China * Sinkiang * Tarim Basin *
Central Asia * Ordos
- 0029 *Academy of Scientific Research and Technology (Cairo, Egypt)*
TRANSNATIONAL PROJECT: THE MANAGEMENT OF THE
MAJOR REGIONAL AQUIFERS IN NORTHERN AFRICA
AND THE ARABIAN PENINSULA Background document.
Feasibility study
Meeting or Conf.: United Nations Conference on
Desertification, Nairobi, Aug. 29-Sep. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/24. 1977. 36p
Descriptor: desertification * aquifers * groundwater * basins *
water management * water resources * surveys * evaluation *
synoptic analysis * planning
Geographical descriptor: Africa * Arabian Peninsula * Egypt *
Chad * Libya * Sudan
- 0030 *Achenbach, H*
PREGLEME ANTIKER U. HEUTIGER
WASSERWIRTSCHAFT IM OSTALBERISCHEN
TROCKENGRENZBEREICH IN VERGLEICHENDER
INTERPRETATION
Lang.: ger. 1976. Series title: Goettinger Geographische
Abhandlungen. Vol.66:p.169-178
Descriptor: desertification * water shortage * history
Geographical descriptor: Algeria * Africa

- 0031 *Achi, K*
SALINIZATION AND WATER PROBLEMS IN THE ALGERIANNORTHEAST SAHARA
Lang.: eng. New York: Natural History Press. 1972. p.276-287. Note: (In) *The Careless Technology: Ecology and International Development* by M.T. Farvar and J.P. Milton (eds.)
Descriptor: dates * palmae * groundwater * water resources development * water table * salinity * irrigation practices * social aspects * economic development * artesian wells * drainage * irrigation effects
Geographical descriptor: Algeria * Sahara * Africa * North Africa
- 0032 *Achtwich, W.; Homeyer, B*
PROTECTIVEMEASURES AGAINSTDESERTIFICATIONIN OASIS FARMING, AS DEMONSTRATED BY THE EXAMPLE OF OASIS-AL-HASSA, SAUDI ARABIA
Lang.: eng. 1980. Series title: *Stuttgarter Geographische Studien*. Vol.95:p.93-105. ISBN 3-88028-095-9. Note: (In) *Desertification in Extremely Arid Environments* by W. Meckelein (ed.); Summary languages: French, German
Descriptor: dune stabilization * species trials * Tamarix aphylla * reclamation * degraded land * shelterbelts * dunes * silviculture * soil conservation
Geographical descriptor: Saudi Arabia * Al Hassa Oasis * Middle East
- 0033 *Acocks, J.P.H*
KAROO VEGETATION IN RELATION TO THE DEVELOPMENT OF DESERTS
Lang.: eng. Hague: W. Junk. 1965. Series title: *Monographiae Biologicae*. Vol.14. p.100-112. Note: (In) *Ecological Studies in Southern Africa* by D.H.S. Davis (ed.)
Descriptor: desert development * deserts * Acacia * shrubs * plant invaders * erosion * soil erosion * vegetation change * grasses * overgrazing
Geographical descriptor: Karroo * South Africa * Africa
- 0034 *Acocks, J.P.H*
VELD TYPES OF SOUTH AFRICA
Lang.: eng. 1953; (2ed, 1975). Series title: *Botanical Survey of South Africa. Memoir*. 28; (2ed, 40). 192p.; (2ed., 128p.)
Descriptor: soil erosion * shrubs * veld * vegetation * vegetation change * overgrazing * carrying capacity * agriculture * plant invaders * silts * thorn forest * Acacia * plant communities
Geographical descriptor: Karroo * South Africa * Africa
- 0035 *Adam, J.G*
CHANGES IN THE VEGETATION IN THE PROTECTED SUBPLOTS OF UNESCO-IFAN AT ATAR, MAURITANIA (TRANSLATED TITLE)
Lang.: fre. Institut Fondamental d'Afrique Noire. 1967. Series title: *Institut Fondamental d'Afrique Noire. Bulletin. Sciences Naturelles*. Vol.29(1):p.92-106
Descriptor: grazing * range management * vegetation * exclosures * vegetation change * ungrazed
Geographical descriptor: North Africa * Sahara * Mauritania * Atar Area * Africa
- 0036 *Adam, J.G*
LA MAURITANIE
Lang.: fre. 1968. Series title: *Acta Phytogeographica Suecica (UPPSALA)*. Vol.54:p.49-51. Note: (In) *Conservation of Vegetation in Africa South of the Sahara* by I. Hedberg and O. Hedberg (eds.)
Descriptor: vegetation * conservation
Geographical descriptor: Mauritania * Africa
- 0037 *Adams, M.E*
A STUDY OF THE ECOLOGY OF ACACIAMELLIFERA: A SEYAL AND BALANITES AEGYPTIACAIN RELATION TO LAND-CLEARING
Lang.: eng. 1967. Series title: *Journal of Applied Ecology*. Vol.4:p.221-237
Descriptor: Acacia * plant cover * trees * Leguminosae * Zygophyllaceae * environmental impact * land use
Geographical descriptor: Sudan * Nile River * Africa
- 0038 *Adams, M.E.; Hales, J*
SUDAN THE ETERNAL DESERT
Lang.: eng. 1977. Series title: *Geographical Magazine*. Vol.49(12):p.760-763
Descriptor: savannas * deserts * desertification * overgrazing * cultivation * nomads * social aspects * planning
Geographical descriptor: Sudan * Sahel * Africa
- 0039 *Adams, R.; et al*
DRYLANDS: MAN AND PLANTS
Lang.: eng. London: Architectural Press, LTD. 1978. 152p. ISBN 0-85139-178-8
Descriptor: desertification * natural resources * vegetation effects * planting management * phytogeography * arid land
- 0040 *Adams, R.M*
AGRICULTURE AND URBAN LIFE IN EARLY SOUTH-WESTERN IRAN
Lang.: eng. 1962. Series title: *Science*. Vol.136:p.109-122
Descriptor: agriculture * urban areas * history * social organization
Geographical descriptor: Southwestern Iran * Iran * Middle East
- 0041 *Adams, R.M*
LAND BEHIND BAGHDAD
Lang.: eng. Chicago: University of Chicago Press. 1965. 187p
Descriptor: deserts * environmental surveys
Geographical descriptor: Baghdad * Iraq * Arabian Desert * Middle East
- 0042 *Adams, R.M*
SURVEY OF ANCIENT WATER COURSES AND SETTLEMENTS IN CENTRAL IRAQ
Lang.: eng. 1958. Series title: *Sumer*. Vol.14:p.101-103
Descriptor: water sources * settlements
Geographical descriptor: Iraq * Central Iraq * Middle East
- 0043 *Adamson, D.A.; Clark, J.D.; Williams, M.A.J*
BARBED BONE POINTS FROM CENTRAL SUDAN AND THE AGE OF THE "EARLY KHARTOUM" TRADITION
Lang.: eng. 1974. Series title: *Nature*. Vol.249(5453):p.120-123
Descriptor: Holocene epoch * archaeology * water utilization * prehistory * radiocarbon dating
Geographical descriptor: Sudan * Khartoum * Nile River * Africa
- 0044 *Adefolalu, D.O*
REGIONAL STUDIES WITH SATELLITE DATA IN AFRICA ON THE DESERTIFICATION OF THE SUDAN-SAHEL BELT IN NIGERIA
Lang.: eng. May 1986. p.429-438. Note: (In) *ESA Proceedings of an International Satellite Land-Surface Climatology Project (ISLSCP) Conference*
Descriptor: desertification * drought * land use * economic conditions * human ecology * remote sensing * vegetation
Geographical descriptor: Nigeria * West Africa * Francophone Africa * Africa South of Sahara * Africa
- 0045 *Adegbehin, J.O*
THE IMPACT OF AFFORESTATION IN THE NORTHERN AREAS OF NIGERIA
Lang.: eng. 1987. Series title: *International Tree Crops Journal*. Vol.4(2-3):p.145-163. Note: Summary language: French; Spanish
Descriptor: species trials * afforestation
Geographical descriptor: Nigeria * Africa
- 0046 *Adel, M.H*
STRATEGIE NATIONALE DE LUTTE CONTRE LA DESERTIFICATION
Lang.: fre. Jan-Jun 1985. Series title: *Rivista di Agricoltura Subtropicale e Tropicale*. Vol.79(1-2):p.207-240. ISSN 0035-6026
Descriptor: desertification * natural disasters
Geographical descriptor: Tunisia * Francophone Africa * North Africa * Africa

- 0047 *Adil'bekov, R.O*
ON THE COMPLEX MECHANIZATION OF PROTECTIVE AFFORESTATION IN CENTRAL ASIAN SANDS
Lang.: eng. 1975. Series title: *Problems of Desert Development*. Vol.5:p.70-74. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sandy soils * sand control * afforestation
Geographical descriptor: Central Asia
- 0048 *Adler, A.D*
THE EFFECT OF LAND USE ON SOIL AND WATER CONSERVATION WITH SPECIAL REFERENCE TO THE SHONGWENI SOIL CONSERVATION AREA
Lang.: eng. 1956. Series title: *Sols Africains*. Vol.4(1):p.6-29
Descriptor: soil conservation * soil erosion * wind erosion * water conservation * desiccation * silts * dams
Geographical descriptor: South Africa * Africa
- 0049 *Advani, R*
SOME BEHAVIORAL PATTERNS AND POSTURES OF THE INDIAN DESERT GERBIL *MERIONES HURRIANAE*: 1982
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1981. Series title: *Zeitschrift fuer Angewandte Zoologie*. 68(3):p.367-375. Note: All India Coordinating Research Project Rodent Control
Descriptor: gerbils * *Meriones hurrianae* * animal behavior * deserts
Geographical descriptor: India
- 0050 *Adylkhodzhaev, A.I.; Fazilov, T.I*
SSLEDOVANIIE BARKHANNYKH PESKOV KAK SUBSTRATA DLYA ZAKREPLENIYA IKH VYAZHUSHCHIMI VESHCHESTVAMI (Investigation of barchan sands to be fixed by astringents)
Lang.: rus. 1979. Series title: *Problemy Osvoeniya Pustyn*. No.1:p.80-84. Note: Summary in English
Descriptor: dunes * barchans * soil stabilization * reclamation
Geographical descriptor: USSR
- 0051 *Aelion, E*
A REPORT ON WEATHER TYPES CAUSING MARKED STORMS IN ISRAEL DURING THE COLD SEASON
Lang.: eng. 1958. Series title: *Israel Meteorological Service. Miscellaneous Papers*. Series C. No.10. 7p
Descriptor: meteorology * storms * weather data * winter storms
Geographical descriptor: Middle East * Israel
- 0052 *Afghanistan. Forestry Department. Ministry of Agriculture (Kabul, Afghanistan)*
A BRIEF REPORT ON DESERTIFICATION PROCESSES IN AFGHANISTAN
Lang.: eng. New York: Pergamon Press Inc. 1982. p.1252-1260. Note: (In) *Alternative Strategies for Desert Development and Management*, Vol.4 by United Nations Institute for Training and Research
Descriptor: deserts * desertification * desert development * desert management * soil fertility
Geographical descriptor: Afghanistan * Middle East
- 0053 *Afghanistan. United Nations Environment Programme. Focal Point Staff State Planning Committee*
DESERTIFICATION IN AFGHANISTAN: A REPORT PREPARED FOR UNITED NATIONS ENVIRONMENT PROGRAMME
Kabul, Afghanistan: Afghanistan. United Nations Environment Programme. Focal Point Staff State Planning Committee. 1983. 16p
Descriptor: land management * land evaluation * demography * economic development * soil classification * soil surveys * water resources * water management * climate * deserts * desertification control * erosion control
Geographical descriptor: Afghanistan * Middle East
- 0054 *Aflyatov, F.S.; Gabay, V.S.; Podgornov, A.S*
OPYT PRIMENENIYA NEROZINA DLYAZAKREPLENIYAI ZARASHCHIVANIY PESKOV NA TRASSE GAZOPROVODA BUKHARA-URAL (Experimental Use of Nerosine for the Fixation and Cultivation on Sands Along the Track of the Bukhara-Ural Gas Pipeline)
Lang.: rus. Volgograd, USSR: Vnialmi. 1970
Descriptor: nerosine * sand control * pipelines
Geographical descriptor: USSR * Bukhara Ural Pipeline * Kyzylkum
- 0055 *Afridi, F.G*
RECLAMATION OF DEGRADED SOILS AND CONTROL OF THE DESERT IN THE KOHAT FOREST DIVISION, WEST PAKISTAN
Meeting or Conf.: Symposium on Soil Erosion and its Control in the Arid and Semi-arid Zones, Karachi, 1965, Proceedings
Lang.: eng. Karachi, Pakistan: Food and Agricultural Council. Ministry of Food and Agriculture. 1960. 400p
Descriptor: soil conservation * soil reclamation * erosion control * soil erosion * deserts * forests * soil degradation
Geographical descriptor: West Pakistan * Kohat Forest * Pakistan
- 0056 *Agatsiva, J*
LAND USE IN TRANS NZOIA DISTRICT
Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1985. Series title: *Technical Report*. No.101. 20p
Descriptor: land management * remote sensing * rangelands * animal populations * livestock * agricultural production * soil maps
Geographical descriptor: Kenya * Trans Nzoia District
- 0057 *Agha, W.R*
USE OF GEOPHYSICAL METHODS FOR THE STUDY OF THE GROUND WATER RESOURCES OF THE DAWWA BASIN
Lang.: eng. Doc. no.: ACSAD/HS/P6. Damascus, Syria: Arab Center for the Studies of Arid Zones and Dry Lands. 1976. 1 Vol
Descriptor: water resources * groundwater
Geographical descriptor: Syria * Middle East
- 0058 *Aghassy, J*
MAN-INDUCED BADLANDS TOPOGRAPHY
Lang.: eng. London: N.Y.: Dowden, Hutchinson and Ross. Wiley. 1973. p.124-136. Note: (In) *Environmental Geomorphology and Landscape Conservation*. Vol.3: Non-Urban Regions by D.R. Coates (ed.)
Descriptor: topography * geomorphology * coastal plains * deserts * erosion * nomads * cultivation * wadi * land use * drainage
Geographical descriptor: Israel * Middle East
- 0059 *Agrasot, P*
DEFORESTATION, DESERTIFICATION AND LOME III
Lang.: eng. European Communities. Liaison Committee of Development NGO's. 1984. Series title: *Lome Briefing*. No.17. 4p. Note: *Lome Briefing*, Liaison Committee of Development NGO's, European Communities
Descriptor: forests * desertification * lome convention * afforestation * arid land * deforestation * international cooperation * developing countries * Europe
- 0060 *Can, J.; et al*
Agricultural Research Organization. Institute of Soils and Water
ARIDIC SOILS OF ISRAEL: PROPERTIES, GENESIS AND MANAGEMENT
Lang.: eng. Bet Dagan, Israel: Volcani Center. 1981. Series title: *Special publication*. No.190. 353p
Descriptor: aridic soils * soil formation * soil improvement * soil morphology
Geographical descriptor: Israel * Middle East

- 0061 *Aguilera, J.A*
DISTRIBUCION ESTACIONAL Y ESPACIAL DE LA PLUVIOSIDAD EN VENEZUELA (Seasonal and Spatial Rainfall Distribution in Venezuela)
Lang.: spa. Caracas, Venezuela: Ministerio de Obras Publicas, Direccion de Cartografia Nacional. 1970
Descriptor: weather stations * weather patterns * rainfall * weather data
Geographical descriptor: South America * Venezuela
- 0062 *Aguilera, J.A*
LA CLASIFICACION BIOCLIMATICA DE H. GAUSSEN Y F. BAGNOUL SU APLICACION EN VENEZUELA (H. Gausse and F. Bagnoul's Climatic Classification and its Application to Venezuela)
Lang.: spa. Caracas, Venezuela: Ministerio de Obras Publicas, Direccion de Cartografia Nacional. 1969. 42p
Descriptor: bioclimatology * climatic zones * climatology * temperature * fog * dew * indicator plants * atmospheric precipitation
Geographical descriptor: Venezuela * South America
- 0063 *Ahlcrona, E*
MONITORING THE IMPACT OF CLIMATE AND MAN ON LAND TRANSFORMATION: A STUDY IN AN ARID AND SEMI-ARID ENVIRONMENT IN CENTRAL SUDAN
Lang.: eng. Lund, Sweden: Lunds Universitets Naturgeografiska Institution. Feb 1986. Series title: Rapport och Notiser. No.66. 84p. ISSN 0348-3339
Descriptor: soil deterioration * wind erosion * rain * drought * crop yield * arid land * land use * cultivation * desertification * topography * remote sensing * climatic zones * environmental impact * erosion * natural disasters * precipitation * productivity * resource allocation * resource development * site factors
Geographical descriptor: Sudan * Africa South of Sahara * Anglophone Africa * East Africa * Africa
- 0064 *Ahlcrona, E*
THE IMPACT OF CLIMATE AND MAN ON LAND TRANSFORMATION IN CENTRAL SUDAN: APPLICATIONS OF REMOTE SENSING
Lang.: eng. Lund: Lund University Press. 1988. Series title: Meddelanden Frans Lunds Universitets, Geografiska Institutioner, Avhandlingar. No.103. 140p
Descriptor: climate * land management * environmental impact * demography * remote sensing * rainfall * landsat
Geographical descriptor: Sudan * Africa
- 0065 *Ahmad, F*
GEOLOGICAL EVIDENCE BEARING ON THE ORIGIN OF THE RAJASTHAN DESERT (INDIA)
Lang.: eng. New Delhi, India: Indian National Science Academy. 1986. Series title: Proceedings of the Indian National Science Academy, Part A: Physical Sciences. 52(6). p.1285-1306, sketch maps. ISSN 0370-0046
Descriptor: geology * research * deserts
Geographical descriptor: Rajasthan Desert * India
- 0066 *Ahmad, K.S.; Khan, M.L*
VARIABILITY OF RAINFALL AND ITS BEARING ON AGRICULTURE IN THE ARID AND SEMI-ARID ZONES OF WEST PAKISTAN
Lang.: eng. 1961. Series title: Pakistan Geographical Review. Vol.16(1):p.35-50
Descriptor: rainfall reliability * agroclimatology * climatic vegetal relationships * agriculture * environmental variability
Geographical descriptor: Pakistan * West Pakistan
- 0067 *Ahmad, M.U*
A QUANTITATIVE MODEL TO PREDICT A SAFE YIELD FOR WELL FIELDS IN KUFRA AND SARIR BASINS, LIBYA
Lang.: eng. Jan-Feb 1983. Series title: Ground Water. Vol.21(1):p.58-66
Descriptor: groundwater * wells * irrigation * water management * models
Geographical descriptor: Libya * Kufra Basin * Sarir Basin * Africa
- 0068 *Ahmad, M.U*
GROUND WATER RESOURCES: THE KEY TO COMBATING DROUGHT IN AFRICA
Lang.: eng. 1988. Series title: Desertification Control Bulletin. Vol.1(16):p.2-6
Descriptor: desertification control * groundwater * water resources * drought * drought control
Geographical descriptor: Africa
- 0069 *Ahmad, N.A*
DIE LAENDLICHEN LEBENSFORMEN UND DIE AGRARENTWICKLUNG IN TRIPOLITANIEN
Lang.: ger. 1969. Series title: Heidelberger Geographische Arbeiten. Vol.25. 304p
Descriptor: agriculture * history
Geographical descriptor: Tripolitania * Libya * Africa
- 0070 *Ahmad, R.; Abdullah, Z*
SALINE AGRICULTURE UNDER DESERT CONDITIONS
Lang.: eng. Karschi, Pakistan: Pakistan Science Foundation. 1978. 35p. Note: On cover: Separatum. Final research report
Descriptor: agricultural production * saline water * deserts
Geographical descriptor: Pakistan
- 0071 *Ahmad, R*
STABILIZATION AND AFFORESTATION OF SAND DUNES THROUGH BIOSALINE CULTURE TECHNIQUE
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1986. p.109-117. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.), 473p
Descriptor: dunes * afforestation * deserts * saline water * groundwater * revegetation plants * economic plants * forestry practices * methods * soil characteristics * shelterbelts
- 0072 *Ahmad, Y.J.; Kassas, M*
DESERTIFICATION: FINANCIAL SUPPORT FOR THE BIOSPHERE
Lang.: eng. Sevenoaks, U.K.: Hodder and Stoughton. 1987. 187p. ISBN 0-340-41044-2. Note: Sponsored by the United Nations Environment Programme
Descriptor: desertification * environmental policy * economic conditions
- 0073 *Ahmad, Y.J*
IRRIGATION IN ARID AND SEMI-ARID AREAS Environmental Guidelines for Irrigation in Arid and Semi-arid Areas
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1982. Series title: UNEP Environmental Management Guidelines. No.2. x, 17p
Descriptor: irrigation * deserts * marginal lands * water resources * environmental impact * groundwater * soil degradation * saline water
- 0074 *Ahmad, Y.J*
THE STATE OF THE ENVIRONMENT
Lang.: eng. Nairobi, Kenya: African NGO's Environment Network. Environment Liaison Centre. 1985. 36p
Descriptor: environmental impact * environmental conservation * desertification control * erosion control * water supply * water resources * irrigation * water power * waste water treatment * energy * appropriate technology
Geographical descriptor: Africa
- 0075 *Ahmad, Y.J*
WATERSHED DEVELOPMENT Environmental Guidelines for Watershed Development
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1982. Series title: UNEP Environmental Management Guidelines. No.3. x, 26p
Descriptor: watersheds * environmental impact * afforestation * agroforestry * rangelands * grazing

- 0076 *Ahuja, L.D.*
FORAGE PRODUCTION IN ARID ZONE AREAS OF RAJASTHAN
Lang.: eng. 1970. Series title: Indian Farming. Vol.20(9):p.18-21
Descriptor: forage production * arid land * grazing * forage * fodder plants * range management * brush control * poisonous plants * soil conservation * contour furrows * sand control * desert plants * browse * food supply
Geographical descriptor: Rajasthan * India
- 0077 *Ahuja, L.D.; Mann, H.S.*
RANGELAND DEVELOPMENT AND MANAGEMENT IN WEST RAJASTHAN
Lang.: eng. 1975. Series title: Annals of Arid Zone. Vol.14(1):p.29-44
Descriptor: rangelands * range development * range management
Geographical descriptor: Rajasthan * India
- 0078 *Ahuja, R.L.; Khanna, S.S.; Garalapuri, V.N.*
EVOLUTION AND DISTRIBUTION OF AEOLINE COVER IN HARYANA Special Issue on Arid Zone Research and Development Part 1
Lang.: eng. 1980. Series title: Annals of Arid Zones. 19(3):p.175-182
Descriptor: phytogeography * arid land
Geographical descriptor: Haryana * India
- 0079 *Aime, S.; Lardon, S.; Remaoum, K.*
LES STRUCTURES A GRANDE ECHELLE DE LA VEGETATION ET DU MILIEU EN LIMITE SUBHUMIDE-SEMI-ARIDE EN ORANIE (Large Scale Structures of Vegetation and Environment in a Zone Subhumid-Semi-Arid in Oran Area, Algeria)
Lang.: fre. 1986. Series title: Ecologia Mediterranea. Vol.12(3-4):p.49-57. ISSN 0153-8756. Note: Summary language: English
Descriptor: botanical surveys * subhumid zones * semiarid lands * plant ecology * desertification * sampling * climate * climatic zones * environmental impact * natural disasters * site factors
Geographical descriptor: Oran Area * Algeria * Francophone Africa * North Africa * Africa
- 0080 *Akalan, I.*
RUZGAR EROZYONU VE KORUNMA CARELERI (Wind Erosion and its Control)
Lang.: tur. 1965. Series title: Ankara Universitesi. Ziraat Fakultesi Yilligi. Vol.15(4):p.174-213
Descriptor: wind erosion * erosion control
Geographical descriptor: Turkey
- 0081 *Akalan, I.*
TOPRAK FIZIKSEL OZELLIKLERI VE EROZYON (Soil Physical Properties and Erosion)
Lang.: tur. 1967. Series title: Ankara Universitesi. Ziraat Fakultesi Yilligi. Vol.17(3-4):p.490-503
Descriptor: physico-chemical properties of soils * soil erosion
Geographical descriptor: Turkey
- 0082 *Akhanov, Z.U.; Ozina, A.N.; Almabaev, M.S.*
CHANGE IN THE NATURAL CONDITION OF THE DOWN STREAM OF THE CHU RIVER GULYAEVSKAYA DELTA AFTER DRAINAGE REGULATION KAZAKH SSR USSR
Lang.: rus. Kazakh SSR: Institute of Soil Science. Academy of Science. 1983. Series title: Izvestiya Akademii Nauk Kaz SSR Seriya Biologicheskaya. No.4:p.44-49
Descriptor: streams * river deltas * drainage
Geographical descriptor: Kazakh SSR * USSR * Gulyaevskaya River Delta * Chu River
- 0083 *Akhmedov, K.S.; et al.*
ZAKREPLENIYE PODVIZHYKH PESKOV VODNYMI RASTVORAMI POLIMEROV (Fixing Shifting Sands with Polymer Water Solutions)
Lang.: rus. Tashkent, Uzbek SSR: Gosplan Institute of Scientific and Technical Information. 1970. 8p
Descriptor: sand control * polymers
Geographical descriptor: USSR
- 0084 *Akramov, Z.M.*
PROBLEMY KHOZYAYSTVENNOGO OSVOYENIYA PUSTYNNYKH I GORNO-PREDGORNYYKH TERRITORIY (Problems of Economic Development of Desert and Mountain-Foothill Territory)
Lang.: rus. Tashkent, Uzbek SSR. 1974. 175p
Descriptor: deserts * mountains * highlands * economic development
Geographical descriptor: USSR
- 0085 *Al Jazairi, S.; Mrost, A.I.*
AN APPROACH TOWARDS DESERTIFICATION PROBLEM STUDY IN IRAQ
Lang.: eng. 1980. Series title: Al-Muhandis. Journal of the Iraqi Society of Engineers. Vol.25(4-77):p.32-40, entire pt
Descriptor: desertification * environmental engineering
Geographical descriptor: Iraq * Middle East * Persian Gulf
- 0086 *Al Khalili, I.*
PRECIPITATION PROBLEMS OF CENTRAL ELBURZ
Lang.: eng. 1973. Series title: Archiv fuer Meteorologie, Geophysik und Bioklimatologie. Ser.B, Vol.21(2-3):p.215-232
Descriptor: bioclimatology * meteorology * precipitation
Geographical descriptor: Iran * Elburz Area * Middle East
- 0087 *Al Khashab, W.H.*
THE WATER BUDGET OF THE TIGRIS - EUPHRATES BASIN
Lang.: eng. Chicago, IL.: University of Chicago. 1958. Series title: University of Chicago. Department of Geography. Research Paper. 54. 105p
Descriptor: River basins * hydrology
Geographical descriptor: Tigris River * Euphrates River * Iran * Iraq * Middle East
- 0088 *Al Salloum, N.M.*
FATIGUE CHARACTERISTICS OF AN ASPHALT STABILIZED DUNE SAND
Lang.: eng. 1973. 344p. Note: Ph.D. Dissertation
Descriptor: asphalt * dunes * sand * transport * environmental engineering * analytical methods * temperature * trafficability * instrumentation * roads * ergs * sand deserts * deserts * soil stabilization * sand control * surface properties
- 0089 *Albaladejo, J.; Chisci, G.; Gabriels, D.*
SOIL DEGRADATION AND ITS IMPACT ON DESERTIFICATION: A RESEARCH DESIGN FOR MEDITERRANEAN ENVIRONMENTS
Lang.: eng. 1988. Series title: Soil Technology. Vol.1(2):p.169-174
Descriptor: desertification control * soil degradation * plant growth * physico-chemical properties of soils * erosion * runoff * slopes
Geographical descriptor: Spain
- 0090 *Aldaz, L.*
CARACTERIZACAO PARCIAL DO REGIME DE CHUVAS DO BRASIL (Partial Characterization of Brazil's Rainfall Regime)
Lang.: por. Rio de Janeiro: Brazil. Departamento Nacional de Meteorologia. Centro de Estudos Meteorologicos. 1971. 42p
Descriptor: rainfall * weather patterns * wet seasons * dry season * oceanography * topography * drought * atmospheric circulation * climatic data
Geographical descriptor: South America * Brazil
- 0091 *Aldon, E.F.*
REACTIVATING SOIL RIPPER TREATMENTS FOR RUNOFF AND EROSION CONTROL IN THE SOUTHWESTERN U.S.
Lang.: eng. 1972. Series title: Annals of Arid Zone. Vol.11(3-4):p.154-160
Descriptor: erosion control * runoff * watershed management * land conservation
Geographical descriptor: Southwestern U.S.

- 0092 **Alekseeva, N.N**
NATURAL PRECONDITIONS AND FACTORS OF DESERTIFICATION IN NORTHWEST INDIA
Lang.: eng. 1986. Series title: *Problems of Desert Development*. 1:p.36-42. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn* (1980, no.1:p.36-42)
Descriptor: desertification * climate * drought * human population * cultivation * marginal land * environmental degradation * arid land * semiarid land
Geographical descriptor: India * Rajasthan * Indian Punjab
- 0093 **Alger Jr., L.H**
DEGRADATION OF AN ARID ENVIRONMENT: EARTH FISSURES IN CENTRAL ARIZONA
Lang.: eng. Terre Haute, IN: Indiana State University. 1972. 115p. Note: Ph.D. Dissertation
Descriptor: arid land * fissures * environmental degradation
Geographical descriptor: Arizona
- 0094 **Alidi, F.S**
PREVENTION OF LONG-TERM ECOLOGICAL DAMAGE IN A DROUGHT
Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
Lang.: eng. Worcester, MA: Botswana Society, Clark University Press. 1979. p.261-268
Descriptor: drought * desertification * extension * weather data * runoff * grazing * fire effects * wind erosion * soil erosion * carrying capacity * livestock * wildlife * plant establishment
Geographical descriptor: Botswana * Africa
- 0095 **Alimdzhanov, A.G**
CERTAIN RESULTS OF TESTS ON THE CREATION OF ARTIFICIAL PHYTOCOENOSES ON DETERIORATED PASTURES IN SOUTHWESTERN KYZYLKUM
Lang.: eng. Tashkent, Uzbek SSR: Fan. 1968. p.11-19. Note: (In) *Poleznye dikorastushchyye rasteniya Uzbekistana* (Useful Wild Plants of Uzbekistan)
Descriptor: wild plants * pastures * revegetation * *Kochia prostrata* * *Aellenis subaphylla* * *Eurotia* * *Artemisia* * *Salsola orientalis* * phytocoenoses
Geographical descriptor: Kyzylkum * Uzbek SSR * USSR
- 0096 **Alimen, H**
CARACTERES GRANULOMETRIQUES D'UN DEPOT EFFECTUE PAR VENT DE SABLES A BENI-ABBES
Lang.: fre. Societe Geologique de France. 1953. Series title: *Societe Geologique de France. Comptes Rendus Sommaires*. Vol.12:p.234-237
Descriptor: sand * deserts * particle size * wind action
Geographical descriptor: Africa * Algeria
- 0097 **Alimen, H.; Chavaillon, J.; Margat, J**
CONTRIBUTION A LA CHRONOLOGIE PREHISTORIQUE AFRICAINE: ESSAI DE CORRELATION ENTRE LES DEPOTS QUATERNAIRES DU BASSIN GUIR-SAOURA (SAHARA) ET DU BASSIN DU TAFILALIT (MAROC)
Lang.: fre. Monaco: Congres Prehistorique de France. 1959. 20p
Descriptor: prehistory * basins * Quaternary period * geology * geomorphology * research
Geographical descriptor: Morocco * Africa * Sahara * Saoura
- 0098 **Alimen, H.; et al**
LES CHAINES D'OUGARTA ET LA SAOURA
Lang.: fre. Algeria: International Geological Congress. 1953. Series title: *International Geographical Congress, 19th, Monographie Reguliere. Series. Ser.1, Vol.15:p.93-106*
Descriptor: arid land * geology * research * mountains
Geographical descriptor: Africa * D'Ougarta Mountains * Algeria * Saoura
- 0099 **Alimen, H.; et al**
LES GISEMENTS NEOLITHIQUES DE TAN-TARTAIT ET D'IN-ITINEN, TASSILI-N-AJER (SAHARA CENTRAL)
Lang.: fre. Societe Prehistorique Francaise. 1968. Series title: *Societe Prehistorique Francaise. Bulletin. Vol.65:421-458*
Descriptor: prehistory * stratigraphy
Geographical descriptor: Algeria * Sahara * Africa
- 0100 **Alimen, H.; Palav, M**
MODALITES DU RUISSELLEMENT SAHARIEN ET GRANULOMETRIE DES SABLES (SAOURA, MONTS D'OUGARTA)
Lang.: fre. Paris: Academie des Sciences. 1956. Series title: *Academie des Sciences. Comptes Rendus (Paris)*. Vol.243:p.1540-1542
Descriptor: mountains * sandy soils * particle size * runoff
Geographical descriptor: Africa * Algeria * D'Ougarta Mountains * Saoura
- 0101 **Alimen, H**
OBSERVATION A UNE COMMUNICATION DE M. LECOINTRE, A PROPOS DE LA FORMATION ACTUELLE DE GALETS D'ARGILE DURCIE DANS LES OUEDES SAHARIENS
Lang.: fre. Societe Geologique de France. 1952. Series title: *Societe Geologique de France. Comptes Rendus Sommaires. Ser.6, Vol.2:p.72*
Descriptor: soil formation * deserts * wadi * clay
Geographical descriptor: Sahara * Africa
- 0102 **Alimen, H**
PREHISTOIRE DE L'AFRIQUE (Prehistory of Africa)
Lang.: fre. Paris: Boubee. 1955. 578p. Note: (1957 English version), London, U.K.: Hutchinson by A.H. Brodrick, 438p
Descriptor: environmental impact * prehistory
Geographical descriptor: Africa
- 0103 **Alimen, H.; et al**
SABLES QUATERNAIRES DU SAHARA NORD-OCCIDENTAL (SAOURA-OUGARTA), AVEC LA COLLABORATION DE DANIELE DOUDOUX-FENET, ET AL
Lang.: fre. Service de la Carte Geologique de l'Algerie. 1957. Series title: *Service de la Carte Geologique de l'Algerie. Bulletin. Vol.15. 207p*
Descriptor: sandy soils * eolian sands * Quaternary period * ergs * particle size
Geographical descriptor: Africa * Sahara * Algeria
- 0104 **Alimen, H.; et al**
SEDIMENTS QUATERNAIRES A DIATOMES DU SAHARA NORD-OCCIDENTAL
Lang.: fre. Societe Geologique de France. 1970. Series title: *Societe Geologique de France. Bulletin. Vol.12(7):p.103-107*
Descriptor: deserts * diatoms * quaternary period * sediments
Geographical descriptor: Sahara * Africa
- 0105 **Alimen, H**
STATION DE GRAVURES RUPESTRES DE MARHOUMA (Sahara Occidental)
Lang.: fre. Institut de Recherches Sahariennes. 1954. Series title: *Institut de Recherches Sahariennes. Memoires. Vol.1. 139p*
Descriptor: geology * research * deserts * rocks
Geographical descriptor: Africa * Algeria * Sahara
- 0106 **Alimen, H**
THE QUATERNARY ERA IN THE NORTHWEST SAHARA
Geological Society of America. 1965. Series title: *Geological Society of America. Special Paper. Vol.84:p.273-291*
Descriptor: Quaternary period * climate * prehistory * radiocarbon dating * archaeology * stratigraphy * sediments * palynology * geology * research
Geographical descriptor: Sahara * North Africa * Africa
- 0107 **Alimen, H**
VARIATIONS GRANULOMETRIQUES ET MORPHOSCOPIQUES DU SABLE LE LONG DE PROFILS DUNAIRE AU SAHARA OCCIDENTAL
Lang.: fre. Paris: Centre National de la Recherche Scientifique. 1953. p.217-235. Note: (In) *Actions Eoliennes. Colloque Internationaux 35, Alger, 1951*
Descriptor: dunes * sand * deserts * particle size
Geographical descriptor: Sahara * Africa

- 0108 *Allan, J*
RESOURCE DEGRADATION ON AGRICULTURAL SCHEMES IN THE CENTRAL SAHARA
 Lang.: eng. 1980. Series title: *Stuttgarter Geographische Studien*. Vol.95:p.145-155. ISBN 3-88028-095-9. Note: (In) *Desertification in Extremely Arid Environments* by H. Mecklein (ed.), 203p.; Summary languages: French, German
Descriptor: soil surveys * agricultural development * mechanization * soil compaction * soil fertility * productivity * soil types * climate * aridisols * regional surveys * environmental degradation
Geographical descriptor: Libya * Africa * Sahara
- 0109 *Allan, W*
ECOLOGY TECHNIQUES AND SETTLEMENT PATTERNS
 Lang.: eng. London: Duckworth. 1972. p.211-226. Note: (In) *Man, Settlement and Urbanism* by P.J. Ucko, R. Tringham, and G.W. Dimbleby (eds.)
Descriptor: ecology * agriculture * settlements * history * human population * urban areas
Geographical descriptor: Turkey
- 0110 *Allen, E*
STOPPING DESERTIFICATION
 Lang.: eng. Mar.-Apr. 1987. Series title: *American Land Forum*. 7(2):p.14
Descriptor: desertification control
- 0111 *Allen, R. (ed.)*
WORLD CONSERVATION STRATEGY. LIVING RESOURCE CONSERVATION FOR SUSTAINABLE DEVELOPMENT
 Lang.: eng. Gland, Switzerland: International Union for Conservation of Nature and Natural Resources. 1980. 72p. ISBN 2-88032-101-8
Descriptor: nature conservation * global strategy * natural conservation * sustained development * reserves
- 0112 *Alomenu, H.S*
Organisation Internationale Contre le Criquet Migrateur Africain CURRENT TRENDS IN AFRICAN MIGRATORY LOCUST PLAGUE PREVENTION
 Lang.: eng. 1985. Series title: *Outlook on Agriculture*. 14(4):p.165-173
Descriptor: insect control * locusts * plague prevention * migration
Geographical descriptor: Africa
- 0113 *Alperovič, N.; Dan, J*
SODIUM-AFFECTED SOILS IN THE JORDAN VALLEY
 Lang.: eng. 1972. Series title: *Geoderma*. Vol.8(1):p.37-57
Descriptor: soil types * salinity * groundwater * water table * saline soils * sodium affected soils * solonetz
Geographical descriptor: Jordan Valley * Israel * Middle East
- 0114 *Alvarez De Benito, G*
SAND DUNE PROBLEMS AND HOW THEY WERE CONTROLLED AT EL AAIUN-WESTSAHARA
 Lang.: eng. Madrid: ESSC Standard Espanola, S.A. 1972. 15p
Descriptor: dunes * arid land * eolian sands * wind erosion * vegetation effects * windbreaks * shelterbelts * soil stabilization * erosion control * sealants * soil treatment * soil sealants
Geographical descriptor: Sahara * Spanish Sahara * North Africa * Africa
- 0115 *Ambe, Y*
SECULAR VARIATION OF ARIDITY IN THE WORLD
 Lang.: eng. 1967. Series title: *Japanese Journal of Geology and Geography*. Vol.38(1):p.43-61
Descriptor: global surveys * aridity * climatic change * atmospheric circulation * climate * synoptic climatology * potential evapotranspiration * environmental variability * temperature ranges
- 0116 *Ambroziak, R.A*
REAL TIME CROP ASSESSMENT USING COLOR THEORY AND SATELLITE DATA
 Lang.: eng. Newark, NJ: Delaware University. 1986. 219p. Note: M.A. Thesis
Descriptor: infrared imagery * crops * plant growth * real time operation * remote sensing * agriculture * arid land * earth resources * image processing * precipitation * meteorology
Geographical descriptor: Africa
- 0117 *Amigo, A*
EL SOBREPASTOREO DE LA REGION PATAGONICA, CAUSAS QUE LO ORIGINAN Y SOLUCIONES QUE SE PROPONEN (Overgrazing in Patagonia, Its Causes and Proposed Remedies)
 Lang.: spa. 1965. Series title: *Argentina. Consejo Nacional de Desarrollo. Proyectos Especiales (Buenos Aires)*. Vol.14:p.16-54
Descriptor: grazing effects * environmental impact * deserts * overgrazing
Geographical descriptor: South America * Patagonian Desert * Argentina
- 0118 *Aminullah (comp.)*
BIBLIOGRAPHY OF C.A.Z.R. PUBLICATIONS, 1959-1969
 Lang.: eng. Jodhpur, India: Arid Zone Research Association of India. 1970. 42p
Descriptor: bibliographies * desertification * desert plants * grasslands * desert biome * plant ecology * livestock * range management
Geographical descriptor: India * Rajasthan Desert
- 0119 *Amiran, D.H.K*
ARID ZONE DEVELOPMENT: A REAPPRAISAL UNDER MODERN TECHNOLOGICAL CONDITIONS
 Lang.: eng. 1965. Series title: *Economic Geography*. Vol.41(3):p.189-210
Descriptor: arid land * land use * land management
Geographical descriptor: Israel * Middle East
- 0120 *Amiran, D.H.K.; Gilead, M*
EARLY EXCESSIVE RAINFALL AND SOIL EROSION IN ISRAEL
 Lang.: eng. 1954. Series title: *Israel Exploration Journal*. Vol.4:p.286-295
Descriptor: erosion * rainfall intensity * atmospheric precipitation * weather patterns * soil erosion
Geographical descriptor: Israel * Middle East
- 0121 *Amiran, D.H.K*
EFFECTS OF CLIMATIC CHANGE IN AN ARID ENVIRONMENT ON LAND USE PATTERNS
 Lang.: eng. Paris: UNESCO. 1963. Series title: *Arid Zone Research*. Vol.20:p.437-442
Descriptor: pastoralism * climatic change * land use * arid land * water sources * dry farming * nomads * human activity * irrigation effects
- 0122 *Amiran, D.H.K*
EL DESIERTO DE SECHURA (Peru: problems of agricultural use of deserts)
 Lang.: eng. 1970. Series title: *Revista Geografica*. Vol.72:p.7-12
Descriptor: deserts * arid land * irrigation practices * saline water * land use * land management * water conservation * groundwater * reservoirs * water resources development * water sources * environmental impact * evaporation * regional surveys * Gossypium * Oryza * crop production * insects * pesticides * water management
Geographical descriptor: South America * Peru * Peruvian Desert * Sechura Desert
- 0123 *An Foras Forbartha*
KASAMARURAL WATERSUPPLY PROJECT: AFF REVIEW
 Lang.: eng. Dublin, Ireland: An Foras Forbartha. 1986. 39p
Descriptor: water supply * water quality * wells * consultants * water resources * irrigation
Geographical descriptor: Zambia * Africa

- 0124 *Anaya Garduno, M*
PLAN NACIONAL PARA COMBATIR Y PREVENIR LA DESERTIFICACION EN MEXICO
 Lang.: spa. Mexico: Grupo Intersecretarial para Asuntos Internacionales Sobre Desertification. 1980
Descriptor: desertification control * planning
Geographical descriptor: Mexico
- 0125 *Anaya Garduno, M*
STRATEGIES FOR THE PREVENTION OF AND FIGHT AGAINST DESERTIFICATION
 Lang.: eng. Boulder, CO., USA: Westview Press. 1983. p.131-143. Note: (In) Natural Resources and Development in Arid Regions by E. Campos-Lopez and R.J. Anderson (eds.)
Descriptor: soil fertility * desertification control * development * arid land
- 0126 *Anaya Garduno, M*
TECHNOLOGY AND DESERTIFICATION
 Lang.: eng. 1977. Series title: *Economic Geography*. Vol.53(4):p.407-412
Descriptor: desertification * reclamation * soil erosion * water shortage * irrigation practices * carrying capacity * energy * appropriate technology
- 0127 *Anaya Garduno, M*
TECHNOLOGY AND DESERTIFICATION. (Background Document)
 Meeting or Conf.: United Nations Conference on Desertification, Nairobi
 Lang.: eng. UN Doc. no.: A/Conf.74/6. 1977. 122p. Note: A Component Review for United Nations Conference on Desertification, Nairobi
Descriptor: desertification * appropriate technology * land use * productivity * reclamation
- 0128 *Andere, D.K.; Stelfox, J.G.; Mbugua, .W*
DISTRIBUTIONS AND DENSITIES OF LIVESTOCK AND WILD HERBIVORES IN THE RANGELANDS OF KENYA, 1977 AND 1978: BASED ON KREMU'S AERIAL SURVEYS
 Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1985? Series title: KREMU Technical Report Series No.21. 59p
Descriptor: livestock * rangelands * animal populations
Geographical descriptor: Kenya * Africa
- 0129 *Anderson, D.L.; Del Aguila, J.A.; Bernardon, A.E*
LAS FORMACIONES VEGETALES EN LA PROVINCIA DE SAN LUIS (The Vegetation Formations in San Luis Province, Argentina)
 Lang.: spa. 1970. Series title: *Revista de Investigaciones Agropecuarias, Biología y Producción Vegetal*. Vol.7(3):p.153-183
Descriptor: vegetation types
Geographical descriptor: Argentina * Monte * South America * San Luis Province
- 0130 *Anderson, R*
GRASSLAND REVEGETATION BY LAND IMPRINTING A NEW OPTION IN DESERTIFICATION CONTROL
 Lang.: eng. 1987. Series title: *Desertification Control Bulletin*. 14:p.38-44
Descriptor: revegetation * land imprinting * desertification control * grasslands
- 0131 *Anderson, R.Y.; Kirkland, D.W*
PALEOECOLOGY OF THE RITA BLANCA LAKE AREA
 Lang.: eng. 1969. Series title: *Geological Society of America Memoirs*. Vol.113:p.141-157
Descriptor: plains * pleistocene epoch * climatic geomorphology * lake basins * paleoecology * climatic change * stratigraphy * geology * research
Geographical descriptor: Texas * Southwestern U.S
- 0132 *Andrawis, A.S.; Khidir, M.O*
PROCEEDINGS OF SUDAN SYMPOSIUM AND WORKSHOP ON REMOTE SENSING HELD IN KHARTOUM, SUDAN, ON OCTOBER 1-11, 1979, VOLUME 1 AND 2
 Meeting or Conf.: Sudan Symposium and Workshop on Remote Sensing, Khartoum, Sudan, Oct. 1-11, 1979
 Lang.: eng. Brookings, SD: South Dakota State University. Remote Sensing Institute. 1979. 593p
Descriptor: land use * natural resources * remote sensing * vegetation * forestry * topography * arid land * physico-chemical properties of soils * mineral deposits * hydrology * disasters * satellites * regional planning * radar data
Geographical descriptor: Africa * Sudan
- 0133 *Andre, J.C*
PROCESSUS DE SURFACE CONTINENTALE ET CYCLE DE L'EAU (Continental Surface Processes and Water Cycle)
 Lang.: fre. Toulouse, France: Centre National de Recherches Meteorologiques. Sept. 1987. p.503-514. Note: (In) CNES, Climatology and Space Observations
Descriptor: air land interactions * climatology * water balance * atmospheric models * feedback control * inland waters * water cycles
- 0134 *Andreae, B*
MEANS OF INCREASING PRODUCTIVITY IN EXTENSIVE GRASSLAND FARMING IN ARID AREAS OF AFRICA
 Lang.: eng. 1978. Series title: *Geojournal*. Vol.2(4):p.331-342
Descriptor: productivity * grasslands * grassland biome * arid land * economic impact * pastoralism * forage production
Geographical descriptor: Africa
- 0135 *Andreae, B.; Rehm, S.; Achtnich, W.; et al*
TROCKENGEBIETS LANDWIRTSCHAFT: KONFLIKTE EINER ENTWICKLUNGSSTRATEGIE (Arid Land Agriculture: Conflicts of a Development Strategy)
 Lang.: ger. 1981. Series title: *Entwicklung und Ländlicher Raum*. Vol.15(1):p.3-17. Note: 4 papers
Descriptor: agricultural development * agricultural systems * arid land * developing countries
- 0136 *Andrews, F.W*
THE VEGETATION OF SUDAN
 Lang.: eng. London, U.K.: Oxford University Press. 1948. Note: (In) *Agriculture of Sudan* by J.D. Tothill (ed.), 974p
Descriptor: vegetation
Geographical descriptor: Sudan * Africa
- 0137 *Andrzejewski, B.W*
DROUGHT AS REFLECTED IN SOMALI LITERATURE
 Lang.: eng. 1973. Series title: *Savanna*. Vol.2(2):p.139-142
Descriptor: bibliographies * literature reviews * drought * ethnology
Geographical descriptor: Somalia * Africa
- 0138 *Anonymous*
A GASPING SERPENT (THE NILE)
 Lang.: eng. Feb. 27, 1988. Series title: *Economist*. Vol.306(7539):p.74-75. ISSN 0013-0613
Descriptor: rainfall reliability * desertification control * water supply
Geographical descriptor: Africa * Egypt * Nile River
- 0139 *Anonymous*
ACCION PERMANENTE PARA CONTENER LA SEQUIA Y LA ARIDEZ
 Lang.: spa. 1963. Series title: *INTA (Instituto Nacional de Tecnología Agropecuaria), Buenos Aires. Miscelánea*. No.9. 12p
Descriptor: drought * aridity

- 0140 *Anonymous*
ANTECEDENTES AGROPECUARIOS DE LA HOYA DEL RIO ELQUI, ANTECEDENTES AGROPECUARIOS DE LA HOYA DEL RIO HUASCO (Agricultural and Livestock Antecedents of the Elqui and Huasco River Basins)
Lang.: spa. Santiago: Instituto de Investigaciones de Recursos Naturales. 1967. 37p
Descriptor: environmental impact * river basins * agriculture * livestock
Geographical descriptor: Elqui River Basin * Huasco River Basin * Chile
- 0141 *Anonymous*
CHINAS GROSSE GRUENE MAUER WAECHST. AUFFORSTUNG EINES 7300 KM LANGEN WALD GUERTELS GEGEN AUSBREITUNG DER WUESTE (The Large Green Wall of China is Increasing. Establishment of a Shelterbelt by Afforestation of 7300 km in Length against Desertification)
Lang.: ger. 1985. Series title: Holz-Zentralblatt. Vol.111(45):p.661. ISSN 0018-3752
Descriptor: afforestation * deserts * wind protection * forestry practices * vegetation * protection
Geographical descriptor: China
- 0142 *Anonymous*
CLIMAT, SECHERESSE ET DESERTIFICATION: LIAISONS CLIMAT-DESERTIFICATION AVEC REFERENCE SPECIALE A L'AFRIQUE (Climate, Drought and Desertification: Relationship between Climate and Desertification with Special Reference to Africa)
Lang.: fr. 1984. Series title: Nature et Ressources. Vol.20(1):p.2-9. ISSN 0304-2995
Descriptor: desertification * drought * arid land * climate * climatic zones * environmental impact * natural disasters * site factors
Geographical descriptor: Africa
- 0143 *Anonymous*
CLIMATE CREATES DESERTS
Lang.: eng. 1981. Series title: Geotimes. Vol.28(8):p.37-38
Descriptor: desertification * climate * deserts
- 0144 *Anonymous*
COMBATING DROUGHT AND DESERTIFICATION
Lang.: eng. 1988. Series title: Natural Resources Forum. Vol.12(1):p.95-98
Descriptor: deserts * desertification * international cooperation * desertification control * drought control * drought
- 0145 *Anonymous*
CONFERENCE ON ENVIRONMENTAL RESEARCH AND MANAGEMENT PRIORITIES FOR THE 1980S
Meeting or Conf.: Conference on Environmental Research and Management Priorities for the 1980s, Rattvik, Sweden, Nov. 23-26, 1982
Lang.: eng. 1983. Series title: Ambio. 12(2):p.58-120
Descriptor: environmental research * environmental management
- 0146 *Anonymous*
CONTROL THE DESERTS AND CREATE PASTURES
Lang.: eng. Oxford, U.K.: Pergamon Press. 1980. p.145-162.
Note: (In) Desertification: Associated Case Studies prepared for the United Nations Conference on Desertification by M.R. Biswas and A.K. Biswas (eds.), 523p
Descriptor: deserts * desertification * desertification control * dune stabilization * range management * grasslands * dunes
Geographical descriptor: China * Inner Mongolia
- 0147 *Anonymous*
DESERT MANAGEMENT. 1970 - JANUARY 1985
Lang.: eng. Jan. 1985. 76p. Note: (In) Citations from the NTIS Data Base
Descriptor: desert management * bibliographies * deserts
- 0148 *Anonymous*
DESERT TRACTS OF RAJASTHAN (GEOLOGICAL SURVEY OF INDIA 1970-80)
Lang.: eng. 1980. Series title: Geological Survey of India. Special Publication Series. Vol.9:p.107-110
Descriptor: deserts * geology * surveys * research
Geographical descriptor: Rajasthan * India
- 0149 *Anonymous*
DESERTIFICATION CONTROL (INDIA)
Lang.: eng. 1982. Series title: Bulletin of the Institute of Engineering (India). Vol.31(3):p.6
Descriptor: desertification control
Geographical descriptor: India
- 0150 *Anonymous*
DESERTIFICATION IN NORTHERN CHILE
Lang.: eng. Jan.-Mar. 1980. Series title: Nature and Resources. Vol.16(1):p.23
Descriptor: desertification
Geographical descriptor: Chile * South America
- 0151 *Anonymous*
DESERTIFICATION PROCESS IN PARTS OF ANANTAPUR, ANDHRA PRADESH
Lang.: eng. 1980. Series title: Geological Survey of India, Special Publication Series. Vol.9:p.7-8
Descriptor: desertification
Geographical descriptor: Anantapur * Andhra Pradesh * India
- 0152 *Anonymous*
DROUGHT AND DESERTIFICATION: A GLOBAL REVIEW
Lang.: eng. 1984. Series title: Water Resources Journal. Vol.141:p.74-75
Descriptor: deserts * desertification * drought
- 0153 *Anonymous*
ENVIRONMENTAL REGENERATION OF SOUTHERN THIRD OF MAURITANIA
Lang.: eng. 1980. 235p. + 3 append
Descriptor: revegetation * environmental regeneration
Geographical descriptor: Mauritania * Africa
- 0154 *Anonymous*
ESTUDIO AGROECONOMICO DEL AREA DE SEQUIA INTENSA (Agroeconomic Study of the Area Affected by Intense Droughts)
Lang.: spa. La Pampa, Argentina: Argentina. Ministerio de Economia y Asuntos Agrarios. Subsecretaria de Asuntos Agrarios (Santa Rosa). 1967. 22p
Descriptor: environmental impact * drought * agricultural development * economic impact
- 0155 *Anonymous*
GEOGRAFICHESKIYE OSNOVY OSVOYENIYAPUSTYN' I GOR UZBEKISTANA (Geographic Foundations of the Development of Deserts and Mountains in Uzbekistan)
Lang.: rus. Tashkent, Uzbek SSR: Fan. 1974. 220p
Descriptor: deserts * desertification * geography
Geographical descriptor: Uzbek SSR
- 0156 *Anonymous*
INTERNATIONAL ENVIRONMENTAL ISSUES (ENVIRONMENTAL QUALITY 1983)
Lang.: eng. 1984. Series title: CEQ Report (Council on Environmental Quality). Vol.28:p.203
Descriptor: environmental policy * environmental issues
- 0157 *Anonymous*
LA NATURALEZA: LA EROSION DEL SUELO Y LA DESERTIZACION (Nature: Erosion and Desertification)
Lang.: spa. Madrid, Spain: Ministerio de Obras Publicas y Urbanismo. Direccion General del Medio Ambiente. 1982. 9p.
Note: (In) Unidades Tematicas Ambientales
Descriptor: erosion * soils * desertification

- 0158 *Anonymous*
LA SEQUIA EN LA REGION PAMPEANA HUMEDA:
PREVENCION Y CONTROL DE SUS EFECTOS(Drought in
the Humid Pampa: Prevention and Control of its
Consequences)
Lang.: spa. 1962. Series title: INTA (Instituto Nacional de
Tecnologia Agropecuaria). Estacion Experimental
Agropecuaria (Anguil). Miscelanea. No.5. 9p
Descriptor: drought * plains
Geographical descriptor: Pampa Region * Argentina * South
America
- 0159 *Anonymous*
LAENDLICHE ENTWICKLUNG:GRUNDLAGE FUER EIN
MENSCHENWUERDIGES DASEIN(Rural development: Basis
for a worthwhile human existence)
Lang.: ger. 1980. Series title: Tropenlandwirt. Vol.81(Apr.).
5p
Descriptor: rural development * agricultural development *
developing countries
- 0160 *Anonymous*
LE PROGRAMME DE TRAVAIL 1987/1988 DU COMITE
PERMANENT INTER-ETATS DE LUTTE CONTRE LA
SECHERESSE DANS LE SAHEL (CILSS) ET DU CLUB DU
SAHEL
Lang.: fre. Jan. 22, 1987. Series title: Bulletin Afrique Noire.
Vol.30:p.8-13
Descriptor: drought * international cooperation
Geographical descriptor: Sahel * Africa
- 0161 *Anonymous*
LE SAHARA ET LE SAHEL: DES INDEPENDANCES A LA
SECHERESSE(Sahara and Sahel: From Independence to
Drought. Technological and Scientific Aspects)
Lang.: fre. Jan.-Jun. 1985. Series title: Rivista di Agricoltura
Subtropicale e Tropicale. Vol.79(1-2):p.109-128.
ISSN 0035-6026
Descriptor: drought * desertification * natural disasters
Geographical descriptor: Sahel * Sahara * Africa
- 0162 *Anonymous*
LES CAUSES DE LA SECHERESSE DANS LA ZONE
SAHELIENNE DE L'AFRIQUE
Lang.: fre. 1973. Series title: Marches Tropicaux et
Mediterraneens. Vol.29:p.918-919
Descriptor: arid land * drought
Geographical descriptor: Sahel * Africa
- 0163 *Anonymous*
METHODES ET PROGRAMMES DE LUTTE CONTRE LA
DESERTIFICATION
Lang.: fre. 1980. Series title: African Agriculture. P.46-50.
Note: Collection of articles; 15-page section
Descriptor: arid land * reclamation
Geographical descriptor: Africa
- 0164 *Anonymous*
METHODES ET PROGRAMMES DE LUTTE CONTRE LA
DESERTIFICATION
Lang.: fre. 1980. Series title: African Agriculture. p.46-50.
Note: collection of articles; 15-page section
Descriptor: arid land * land reclamation
Geographical descriptor: Africa
- 0165 *Anonymous*
ORIGINS OF DESERTS DISPUTED
Lang.: eng. 1981. Series title: Episodes (Ottawa).
Vol.1981(2):p.42
Descriptor: deserts * origins
- 0166 *Anonymous*
OUR WORLD MENACED
Lang.: eng. Sep. 1987. Series title: Environmental
Conservation. Vol.14(2):p.99
Descriptor: conservation * environmental conservation *
environmental impact
- 0167 *Anonymous*
POPULATION AND NATURAL RESOURCES: A STATEMENT
Lang.: eng. 1984. Series title: Earthwatch. Vol.5(16)
Descriptor: human population * natural resources
- 0168 *Anonymous*
PROFILS DU MALI. ADDIS ABABA, PECTA, 1980?
Lang.: fre. Jobs and Skills Programme for Africa. 1980. 111p
Descriptor: desertification * deserts * economic conditions
Geographical descriptor: Mali * Africa
- 0169 *Anonymous*
RANGE MANAGEMENT IN THE CONTEXT OF RURAL
DEVELOPMENT
Lang.: eng. 1981. Series title: Agriculture and Development.
Vol.4:p.61-68
Descriptor: agricultural development * range management *
rural development
Geographical descriptor: West Asia * Middle East
- 0170 *Anonymous*
SAHEL DROUGHT CONTROL AND DEVELOPMENT
PROGRAMME, 1975-1979: A REVIEW AND ANALYSIS
Lang.: eng. Paris, France: Club du Sahel. Sep. 1980. 102p
Descriptor: drought control * land development * arid land
Geographical descriptor: Sahel * Africa
- 0171 *Anonymous*
THE DEMAND FOR FUEL: ECOLOGICAL IMPLICATIONS
OF SOCIO-ECONOMIC CHANGE IRAN
Lang.: eng. London: Academic Press. 1982. p.201-215,
363-379. ISBN 0126580502. Note: (In) Desertification and
Development: Dryland Ecology in Social Perspective by B.
Spooner and H.S. Mann (eds.)
Descriptor: fuel * ecology * socioeconomic change
Geographical descriptor: Iran
- 0172 *Anonymous*
THE DESERT'S CHALLENGE AND THE HUMAN
RESPONSE
Lang.: eng. Mar.-Apr. 1986. Series title: Ceres. Vol.19:p.17-30
Descriptor: arid land * deserts * reclamation * irrigation *
afforestation
Geographical descriptor: India * Egypt * Jordan * New Zealand
* Africa * Middle East
- 0173 *Anonymous*
THE ENCROACHING DESERT
Lang.: eng. London Atlantic Highlands, NJ: Zed Books. 1986.
132p
Descriptor: desertification * deserts
- 0174 *Anonymous*
THE MULGA LANDS OF AUSTRALIA
Lang.: eng. 1973. Series title: Tropical Grasslands. Vol.7(1).
170p
Descriptor: ecosystems * Acacia aneura * plant ecology * plant
cover * human activity
Geographical descriptor: Australia * Mulga Region
- 0175 *Anonymous*
THE STUDY OF ARIDITY, A MOSAIC SPECIAL
Lang.: eng. 1977. Series title: Mosaic. Vol.8(1)p.1-52
Descriptor: desertification * regional surveys * planning *
history * social aspects * appropriate technology * aridity
Geographical descriptor: Southwestern U.S
- 0176 *Anonymous*
THE TURAN PROGRAMME (IRAN) GLOBAL EFFORT TO
COMBAT DESERTIFICATION, IRAN
Lang.: eng. London, U.K.: Academic Press. 1982.
ISBN 0126580502. Note: (In) Desertification and Development:
Dryland Ecology in Social Perspective by B. Spooner and H.S.
Mann (eds.), 407p
Descriptor: desertification control * ecology * Turan Program *
global strategy
Geographical descriptor: Iran * Middle East

- 0177 *Anonymous*
THE WOODFUEL CRISIS: TOWARDS A NEW UNDERSTANDING
 Lang.: eng. Jan.-Feb. 1986. Series title: Courier. p.64-91
Descriptor: wood * fuels * forestry * developing countries * clear cutting * energy consumption
- 0178 *Anonymous*
TRANSNATIONAL PROJECT TO MONITOR DESERTIFICATION PROCESSES AND RELATED NATURAL RESOURCES IN ARID AND SEMI-ARID AREAS OF SOUTHWEST ASIA Background document. Feasibility study Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
 Lang.: eng. 1977. 64p
Descriptor: monitoring * regional surveys * planning
Geographical descriptor: Afghanistan * India * Iran * Pakistan * Middle East
- 0179 *Anonymous*
TRANSNATIONAL PROJECT ON MANAGEMENT OF LIVESTOCK AND RANGELANDS TO COMBAT DESERTIFICATION IN THE SUDANO-SAHELIAN REGIONS (SOLAR) Background Document Feasibility Study Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
 Lang.: eng. 1977. 24p
Descriptor: rangelands * social aspects * regional surveys * livestock * range management * pastoralism * productivity
Geographical descriptor: Sahel * Chad * Africa * Mali * Mauritania * Niger * Senegal * Sudan * Sudan * Upper Volta * Burkina faso
- 0180 *Anonymous*
WINDPUMPS FLYING IN MAURITANIA
 Lang.: eng. London, U.K.: T. Telford Ltd. Jan.-Feb. 1987. Series title: World Water. Vol.10(1):p.44-45. ISSN 0140-9050
Descriptor: groundwater * wind power * pumps * greenbelts * Palmae * sand barriers * desertification * revegetation
Geographical descriptor: Mauritania * Africa
- 0181 *Antoniolletti, R.; et al*
CARACTERISTICAS CLIMATICAS DEL NORTE CHICO (Climatic characteristics of the Norte Chico, Chile)
 Lang.: spa. 1972. Series title: Instituto de Investigacion de Recursos Naturales Iren/CORFO Publication. No.6. 102p
Descriptor: drought * climatic data * semiarid climate * maps * Koeppens climatic classification * climate * atmospheric precipitation * temperature
Geographical descriptor: South America * Norte Chico * Chile
- 0182 *Antsiferova, O.N.; Petrova, Z.M*
IMPACT OF PHYSICO-CHEMICAL PROPERTIES OF VARIOUS TYPES OF SOILS ON PROCESSES OF DESALINIZATION AND SALINIZATION
 Lang.: rus. 1980. Series title: Problemy Osvoeniya Pustyn. No.6:p.68-71. Note: Summary in English
Descriptor: soil types * sandy soils * clay * salinization * physico-chemical properties of soils
Geographical descriptor: USSR
- 0183 *Antunez de Mayolo, S*
PROYECTO DE DESVIACION DEL RIO MANTARO AL RIMAC MEDIANTE UN TUNEL PASADOR A TRAVES DE LOS ANDES (The Mantaro River Deviation Project: Mantaro-Rimac connection by a tunnel through the Andes)
 Lang.: spa. Lima, Peru: Imprenta el Condor. 1951. 74p
Descriptor: water transfer * inter basin transfers * water resources * energy * tunnels * economic development
Geographical descriptor: Mantaro River * Andes * Peru * South America
- 0184 *Arab League Educational, Cultural and Scientific Organization (ALESCO): United Nations Environment Programme*
RE-GREENING OF ARAB DESERTS
 Lang.: eng. Cairo, Egypt: Arab League Educational, Cultural and Scientific Organization. United Nations Environment Programme. 1975. 82p. Note: A preprogramming study, final report
Descriptor: desertification * reclamation * natural resources * planning * settlements * saline water * deserts * irrigation * mechanical controls * sand control * soil stabilization * arid land * land use * water resources * simulation models
Geographical descriptor: Libya * Iraq * Africa * Saudi Arabia * Tunisia * Algeria * Sudan * Yemen * Egypt * Jordan * Middle East
- 0185 *Arab League Educational, Cultural and Scientific Organization (Cairo)*
TRANSNATIONAL GREEN BELT IN NORTH AFRICA (MOROCCO, ALGERIA, TUNISIA, LIBYA, EGYPT). Background Document. Feasibility Study Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sep. 9, 1977
 Lang.: eng. 1977. 43+11p. Note: A/Conf. 74/25
Descriptor: desertification * shelterbelts * regional surveys * windbreaks * environmental engineering * economic analysis
Geographical descriptor: Algeria * Egypt * Libya * Africa * Morocco * Tunisia * Sahara
- 0186 *Arad, A*
HYDROCHEMISTRY OF GROUND-WATER IN CENTRAL ISRAEL
 Lang.: eng. 1966. Series title: International Association of Hydrologic Sciences. Bulletin. Vol.11:p.122-146
Descriptor: groundwater * hydrology * water chemistry
Geographical descriptor: Israel
- 0187 *Arad, A.; Michaeli, A*
HYDROLOGICAL INVESTIGATIONS IN THE WESTERN CATCHMENT OF THE DEAD SEA
 Lang.: eng. 1967. Series title: Israel Journal of Earth Sciences. Vol.16:p.131-136
Descriptor: hydrology * catchments * water resources
Geographical descriptor: Dead Sea * Israel * Middle East
- 0188 *Aranbaev, M.P*
THE PRODUCTIVITY OF ECOSYSTEMS OF ANCIENT-OASIS SOILS IN RELATION TO DESERTIFICATION
 Lang.: rus. 1976. Series title: Problemy Osvoeniya Pustyn. 1976(3/4):p.95-101. ref. Note: Summary in English
Descriptor: soil ecology * productivity * oasis soils * ancient soils * desertification
- 0189 *Aranza, X*
EVOLUCION DE LA AGRICULTURA Y EL RIEGO EN EL NORTE CHICO (Agricultural evolution and irrigation in the Norte Chico)
 Lang.: spa. 1966. Series title: Informaciones Geograficas (Santiago). Vol.16:p.9-41
Descriptor: land use * land tenure * mining * agriculture * irrigation * water utilization * water rights * environmental impact
Geographical descriptor: Norte Chico * Chile
- 0190 *Aranza, X*
SAN PEDRO DE ATACAMA: ELEMENTOS PARA UN PLAN DE DESARROLLO LOCAL (Elements for a local development plan in San Pedro de Atacama)
 Lang.: spa. 1964. Series title: Informaciones Geografica (Santiago). Vol.11-14:p.19-61
Descriptor: land tenure * land use * water sources * social aspects * planning * demography * agriculture * economic development * migration * economic impact * regional analysis
Geographical descriptor: San Pedro de Atacama * Chile

- 0191 *Aranda, X*
UN TIPO DE GANADERIA TRADICIONAL EN EL NORTE CHICO: LA TRANSHUMANCIA (A type of traditional animal husbandry in the Norte Chico: Transhumance)
Lang.: spa. Santiago Chile: Servicio Agrícola-Ganadero. Centro Demostrativo Corral de Julio. Universidad de Chile. Departamento de Geografía. 1971. 194p
Descriptor: transhumance * drought * land tenure * land reform * economics * social aspects * migration * demography * livestock
Geographical descriptor: Norte Chico * Chile
- 0192 *Aranson, S.; Bechtel, R.B.; Brooks, W.; et al*
TECHNOLOGY AND PLANNING IN THE DEVELOPMENT OF THE DESERT AND SPARSELY POPULATED AREAS
Lang.: eng. 1983. Series title: ITCC Review. Vol.12(3-4):p. "many". Note: Papers selected from those submitted for the 6th World Congress of Engineers and Architects, Tel Aviv, Israel, Dec. 18-23, 1983
Descriptor: technology * settlements * arid zones * deserts
- 0193 *Arar, A.; Huss, D.L*
SOME INTERRELATIONSHIPS BETWEEN WATER MANAGEMENT, LIVESTOCK, RANGELAND AND CROP PRODUCTION IN THE ARID AND SEMI-ARID AREAS OF THE NEAR EAST
Meeting or Conf.: International Conference on Alternative Strategies for Desert Development and Management, Sacramento
Lang.: eng. Cairo, Egypt: Food and Agriculture Organization. Regional Office for the Near East. 1977. 30p
Descriptor: water management * livestock * rangelands * crops * deserts * desertification * grazing * groundwater * water conservation
Geographical descriptor: Africa * West Asia * Asia and the Pacific
- 0194 *Archambault, J*
LES EAUX SOUTERRAINES DE L'AFRIQUE OCCIDENTALE
Lang.: fre. Nancy, France: Berger-Levrault. 1960. 137p
Descriptor: groundwater
Geographical descriptor: West Africa * Africa
- 0195 *Arena, A.; Guinazu, J*
LA EROSION EOLICA DE LOS SUELOS DE LOS SUELOS EN EL CENTRO-OESTE DE LA REPUBLICA ARGENTINA (Wind Erosion of Soils in the Centre-West of Argentina)
Lang.: spa. 1940. Series title: Argentina. Ministerio de Agricultura y Ganadería (Buenos Aires) Miscelanea. 65
Descriptor: wind erosion * soil erosion * drought * environmental impact * land reclamation * soil conservation
Geographical descriptor: Argentina
- 0196 *Arianoutsou Faraggitaki, M*
DESERTIFICATION BY OVERGRAZING IN GREECE: THE CASE OF LESVOS ISLAND
Lang.: eng. 1985. Series title: Journal of Arid Environments. Vol.9:p.237-242
Descriptor: desertification * erosion * grazing * islands * grazing intensity * overgrazing * animal husbandry
Geographical descriptor: Greece * Lesbos Island * Europe
- 0197 *Arias Chavez, J*
EL OASIS CRECIENTE (The Growing Oasis Reversing Desertification)
Lang.: spa. Mexico: Publ. Esp. Inst. Nac. Invest. For. Jan. 1979. Series title: The Instituto. Vol.14:p.195-198
Descriptor: desertification control * reversing desertification * oases * revegetation
- 0198 *Arias, A.M*
LA ARGENTINA SECA: RESERVA Y MANEJO DEL AGUA (Dry Argentina: Water Reserve and Management)
Lang.: spa. 1973. Series title: Agro Nuestro (Buenos Aires). 150/73. 8p
Descriptor: water management * water resources * water conservation * soil types * water utilization
Geographical descriptor: Argentina
- 0199 *Arid Zone Research Association of India (Jodhpur). Mazingira. The World Forum for Environment and Development SPECIAL ISSUE ON DESERTIFICATION*
Lang.: eng. 1977. Series title: Mazingira. Vol.2:p.18-49
Descriptor: pastoralism * desertification * nomads * drought * greenhouses
Geographical descriptor: Afghanistan * Africa * Somalia * Senegal
- 0200 *Armand, M*
RECONNAISSANCE DES FORMATIONS VEGETALES DU SECTEUR FORESTIER GUINEEN A PARTIR DES IMAGES LANDSAT (Reconnaissance of Vegetal Formations in a Guinean Forest Sector by Means of Landsat Images)
Lang.: fre. Paris, FR: Ministère de l'Education Nationale, Bureau des Innovations Pédagogiques et des Technologies Nouvelles. 1986. Series title: Société Française de Photogrammétrie et de Télédétection, Bulletin. Vol.103:p.33-49. ISSN 0244-6014
Descriptor: desertification * forests * Landsat satellites * satellite imagery * vegetation * Bayes theorem * radiometers
Geographical descriptor: Guinea
- 0201 *Armitage, F.B.; Jousstra, P.A.; Salem, B.B*
GENETIC RESOURCES OF TREE SPECIES IN ARID AND SEMI-ARID AREAS: A SURVEY FOR THE IMPROVEMENT OF RURAL LIVING IN LATIN AMERICA, AFRICA, INDIA AND SOUTHWEST ASIA
Lang.: eng. UN Doc. no.: FAO/IBPGR. Rome, Italy: Food and Agriculture Organization. 1980. vi,118p
Descriptor: genetics * deserts * marginal lands * rural development * plant breeding * plant adaptation * plant ecology
Geographical descriptor: Senegal * Sudan * India * Israel * Yemen * Chile * Mexico * Peru * Africa * Middle East * South America
- 0202 *Arnagel'dyyev, A*
PESKI TSENTRAL'NOY CHASTI NIZMENN'YKH KARAKUMOV, IKH PODVIZHNOST' I MERY BOR'BY S NEYU (Sands of the central part of the lower Karakum, their mobility, and measures against it)
Lang.: rus. Moscow: USSR Academy of Sciences. Geography Institute. 1975. 25p. Note: (Candidate dissertation summary)
Descriptor: sand * sand control * deserts
Geographical descriptor: Karakum Desert * Turkmen SSR
- 0203 *Aronson, J*
ECONOMIC HALOPHYTES: A GLOBAL REVIEW
Meeting or Conf.: Conference on Economic Plants for Arid Lands, Jodrell Laboratory, Royal Botanic Gardens, Kew, U.K.
Lang.: eng. London, U.K.: Allen & Unwin. 1985. p.177-188. ISBN 0045810192
Descriptor: halophytes * soil salinization * salt tolerance * desertification * production possibilities * arid land * global surveys
- 0204 *Artykov, K*
AGROMETEOROLOGICAL CONDITIONS FOR THE SURVIVAL OF SHRUB SHOOTS IN THE FOOTHILLS OF SOUTHEASTERN TURKMENISTAN
Lang.: eng. 1975. Series title: Problems of Desert Development. Vol.4:p.78-81. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: shrubs * shoots * agricultural meteorology
Geographical descriptor: Turkmen SSR * USSR
- 0205 *Asad, T*
SEASONAL MOVEMENTS OF THE KABABISH ARABS OF NORTHERN KORDOFAN
Lang.: eng. 1964. Series title: Sudan Notes and Records. Vol.45:p.48-58
Descriptor: nomads * transhumance * seasonality * livestock * semiarid climate * dry season * Kababish Arabs * pastoralism
Geographical descriptor: Kordofan * Sudan * Africa

- 0206 *Asibey, E.O.A.*
WILDLIFE AS A SOURCE OF PROTEIN IN AFRICA SOUTH OF THE SAHARA
Lang.: eng. 1974. Series title: *Biological Conservation*. Vol.6(1):p.32-39
Descriptor: aid * proteins * humans * livestock * wildlife management * habitats * endangered species * data collection * wildlife conservation * desertification * food supply
Geographical descriptor: Sahel * Africa
- 0207 *Ataev, A*
EFFICIENCY OF AGRICULTURAL DEVELOPMENT OF OASIS SANDS
Lang.: rus. 1981. Series title: *Problemy Osvoeniya Pustyn*. 1981(1):p.61-64. Note: Summary in English
Descriptor: land reclamation * irrigation projects * field crops
Geographical descriptor: USSR * Turkmen SSR
- 0208 *Atalay, I*
DEVREZ CAYI HAVZASINDA TOPRAK EROZYONU PROBLEMLERI (Soil Erosion Problems in the Devres Cayi Basin, Turkey)
Lang.: tur. 1972. Series title: *Jeomorfoloji Dergisi*. Vol.4:p.105-120
Descriptor: soil erosion * land use * sheet erosion * overgrazing * geology * topography * gully erosion
Geographical descriptor: Turkey * Devres Cayi Basin
- 0209 *Atkinson, K.; Beaumont, P*
THE FORESTS OF JORDAN
Lang.: eng. 1971. Series title: *Economic Botany*. Vol.25(3):p.305-311
Descriptor: forests * semiarid climate * browse * soil erosion * atmospheric precipitation * trees * mountains * natural resources * land use * ecosystems * grazing * logging timber * economic plants
Geographical descriptor: Middle East * Jordan
- 0210 *Atkinson, K.; Beaumont, P*
WATERSHED MANAGEMENT IN NORTHERN JORDAN
Lang.: eng. 1967. Series title: *World Crops*. Vol.19:p.62-65
Descriptor: watershed management
Geographical descriptor: Jordan
- 0211 *Atia, H*
MODERNISME AGRICOLE ET STRUCTURES SOCIALES. EXEMPLE DES OASIS DU DJERID
Lang.: fre. 1965. Series title: *Revue Tunisienne de Sciences Sociales*. Vol.2:p.59-79
Descriptor: agriculture * social aspects * oases
Geographical descriptor: Tunisia * Africa
- 0212 *Atia, H.; Rouissi, M*
STRUCTURES AGRAIRES ET DEVELOPPEMENT DANS LE SUD TUNISIEN
Lang.: fre. 1972. Series title: *Annales Algeriennes de Geographie*. Numero Special. Note: (In) *Les Problemes de Developpement du Sahara Septentrional: Colloque de Ouargla, 1971*. 2 Vols
Descriptor: demography * social organization * agriculture * economic aspects * oases * irrigation
Geographical descriptor: Tunisia * Africa
- 0213 *Aubreville, A*
CLIMATS, FORETS ET DESERTIFICATION DE L'AFRIQUE TROPICALE (Climates, Forests and Desertification of Tropical Africa)
Lang.: fre. Paris: Societe d'Editions Geographiques, Maritimes et Coloniales. 1949. 351p
Descriptor: vegetation maps * phytogeography * tropical regions * desertification * climatic vegetal relationships * climatic change * vegetation change * environmental effects * aridity * floods * rainfall runoff relationships
Geographical descriptor: Africa
- 0214 *Anclair, E*
MAROC PRESAHARIEN: BOIS DE FEU ET DESERTIFICATION (Presahara Morocco: Firewood and Desertification)
Lang.: fre. Apr.-Jun. 1986. Series title: *Bois de Feu Informations*. No.17:p.2-4. ISSN 0766-5474
Descriptor: desertification * fuelwood * arid zones * forestry policy * resource conservation * climate * climatic zones * energy sources * environmental conditions * forest products * fuels * natural disasters * natural resources * roundwood * site factors * wood products
Geographical descriptor: Morocco * Francophone Africa * North Africa * Africa
- 0215 *Australia. Bureau of Agricultural Economics (Canberra)*
AN ECONOMIC SURVEY OF DROUGHT AFFECTED PASTORAL PROPERTIES: NEW SOUTH WALES AND QUEENSLAND 1964-65 TO 1965-66
Lang.: eng. Canberra, Australia: Bureau of Agricultural Economics. 1969. Series title: *Wool Economic Research Report*. 15
Descriptor: drought * pastures * economic impact * economic surveys
Geographical descriptor: Queensland * New South Wales * Australia
- 0216 *Australian Agricultural Council (Canberra)*
SALINITY SYMPOSIUM, MILDURA, VICTORIA: WORKING PAPERS
Lang.: eng. Canberra, Australia: Australian Agricultural Council. 1971
Descriptor: salinity
Geographical descriptor: Victoria * Australia
- 0217 *Australian National University. Department of Demography*
AFRICAN DROUGHT BIBLIOGRAPHY, 1973, 1974: FIRST SUPPLEMENT
Lang.: eng. Canberra, Australia: Australian National University. Department of Demography. 1974. 1973:21p.; 1974: 8p. Note: Documents held by the Australian National University. Department of Demography
Descriptor: drought * bibliographies * demography
Geographical descriptor: Africa
- 0218 *Avery, D.T*
WORLD FOOD PRODUCTIVITY FOR THE 1990'S
Lang.: eng. Washington, D.C.: Department of State. Bureau of Intelligence and Research. 1982. Series title: *Assessments and Research Report*. No.442-AR. 25p
Descriptor: food production * food supply * production possibilities * global surveys
- 0219 *Avimelech, M*
LATER QUATERNARY SEDIMENTS OF THE COASTAL PLAIN OF ISRAEL
Lang.: eng. 1952. Series title: *Research Council of Israel. Bulletin*. Vol.2:p.51-57
Descriptor: Quaternary period * sediments * coastal plains
Geographical descriptor: Israel * Middle East
- 0220 *Awad, M*
SEDENTARISATION OF NOMADS IN THE BUTANA REGION OF NORTHERN SUDAN
Lang.: eng. Societe de Geographie d'Egypte. 1964. Series title: *Societe de Geographie d'Egypte. Bulletin*. Vol.37:p.5-33
Descriptor: nomads * camels * settlements * social aspects * grazing * irrigation programs
Geographical descriptor: Sudan * Aswan High Dam * Butana Region
- 0221 *Awad, M*
SETTLEMENT OF NOMADIC AND SEMI-NOMADIC TRIBAL GROUPS IN THE MIDDLE EAST
Lang.: eng. 1959. Series title: *International Labour Review*. Vol.79:p.25-56
Descriptor: nomads * settlements * agriculture * social organization * pastoralism * tribal societies
Geographical descriptor: Middle East * Egypt * Sudan * Iraq * Syria * Saudi Arabia * Africa

- 0222 *Awasthi, S.C*
ROLE OF EARTH SCIENCE IN ENVIRONMENTAL PLANNING WITH PARTICULAR REFERENCE TO UTTAR PRADESH
 Lang.: eng. India: Geological Survey. 1984. Series title: *Indian Minerals*. Vol.38(3):p.11-20. ISSN 0019-5936
Descriptor: environmental planning * earth sciences
Geographical descriptor: Uttar Pradesh * India
- 0223 *Axelrod, D.I*
EVOLUTION OF DESERT VEGETATION IN WESTERN NORTH AMERICA
 Lang.: eng. Washington, D.C. 1950. Series title: *Carnegie Institution of Washington, Publication*. Vol.590:p.215-306
Descriptor: evolution * phytogeography * desert plants * deserts * climatic vegetal relationships * geographical origin * climatic change * swerve * vegetation change
Geographical descriptor: Southwestern U.S. * Sonoran Desert * Chihuahuan Desert * Great Basin * Western U.S
- 0224 *Ayazi, M*
DRAINAGE AND RECLAMATION PROBLEMS IN THE GARMSAR AREA
 Lang.: eng. Paris: UNESCO. 1961. Series title: *Arid Zone Research*. Vol.14:p.285-290
Descriptor: drainage * reclamation * soil analysis * qanats
Geographical descriptor: Iran * Garmsar Area
- 0225 *Ayres, J.E*
MAN, THE DESERT FARMER
 Meeting or Conf.: American Water Resources Association, Arizona Section/Arizona Academy of Science, Hydrology Section, Proceedings of the 1971 Meetings, Tempe, Arizona
 Lang.: eng. 1971. Series title: *Hydrology and Water Resources in Arizona and the Southwest*. Vol.1:p.373-379
Descriptor: history * irrigation practices * soil properties * deserts * desert farming
Geographical descriptor: Arizona * Sonoran Desert * Southwestern U.S
- 0226 *Ayuko, L*
RANCH ORGANIZATIONAL STRUCTURES
 Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. Series title: *ILCA Bulletin*. No.9:p.22-24. Note: (In) *Pastoral Development Projects*
Descriptor: livestock * economic development * pastoralism * nomads * land management * rangelands * animal populations * demography * water resources
Geographical descriptor: Africa * Kenya
- 0227 *Ayyad, M.A*
AN EDAPHIC STUDY OF HABITATS AT RAS EL-HIKMA
 Lang.: eng. Cairo, Egypt: Desert Institute. 1969. Series title: *Desert Institute Bulletin*. Vol.19(2):p.245-259
Descriptor: salt marshes * plains * coastal areas * habitats * plateaus * soil types * dunes * ammophila arenaria * agropyron
Geographical descriptor: Ras El-Hikma * Egypt * Africa
- 0228 *Ayyad, M.A*
REGIONAL ENVIRONMENTAL MANAGEMENT OF MEDITERRANEAN DESERT ECOSYSTEMS OF NORTHERN EGYPT "REMDENE": PROGRESS REPORT
 Lang.: eng. Egypt: Academy Research and Technology. 1981. Series title: *Progress Report*. No.2. Note: Vol.1:a-Producers and Consumers, b-Mapping and Modelling; Vol.2: Entomology; Vol.3: Soils and Climatology. (UNESCO/MAB Program)
Descriptor: economic development * agricultural production * industrial development * deserts * desertification control * erosion control * climate * soil surveys * animal diseases * animal ecology * ecosystems
Geographical descriptor: Egypt * Northern Egypt * Africa
- 0229 *Ayyad, M.A.; Ghabbour, S.I*
SYSTEMS ANALYSIS OF MEDITERRANEAN DESERT ECOSYSTEMS OF NORTHERN EGYPT
 Lang.: eng. 1977. Series title: *Environmental Conservation*. Vol.4(2):p.91-101
Descriptor: deserts * ecosystems * environmental models * environment * climatic change
Geographical descriptor: Egypt * Africa
- 0230 *Ayyad, M.A*
VEGETATION AND ENVIRONMENT OF THE WESTERN MEDITERRANEAN COASTAL LAND OF EGYPT: The Habitat of Sand Dunes
 Lang.: eng. 1973. Series title: *Journal of Ecology*. Vol.61(2):p.509-523
Descriptor: vegetation * *Ammophila arenaria* * plant populations * phytogeography * grasses * habitats * environment * dunes * beach ridges * fossil dunes * sand control * environmental impact * animal damage * deserts * coastal areas
Geographical descriptor: Libyan Desert * Egypt * Africa
- 0231 *Azam, K.M*
PLANNING FOR INTEGRATED AGRICULTURAL RESOURCE MANAGEMENT AND DEVELOPMENT IN THE ECWA REGION
 Lang.: eng. 1983. Series title: *Desertification Control*. No.8:p.16-19
Descriptor: desertification * regional planning * agricultural development
Geographical descriptor: West Asia
- 0232 *Azam, K.M*
THE STATE OF RESOURCES AND MANAGEMENT IN THE AGRICULTURAL SECTOR OF THE ECWA REGION
 Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
 Lang.: eng. New York: United Nations Economic and Social Council. 1981. 45p
Descriptor: desertification * natural resources * land use * surveys * renewable resources
Geographical descriptor: Near East * West Asia * ECWA Region
- 0233 *Azizov, A.; et al*
CEMENT-SAND MIXTURE CELLULAR MECHANICAL SCREEN
 Lang.: eng. 1975. Series title: *Problems of Desert Development*. Vol.1:p.85-89. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: cement * sand * sand control * screens
- 0234 *Azocar, C.P*
GANADERIA CAPRINA EN SUELOS DE ZONAS ARIDAS (Goat Production in Arid Soils Zones)
 Lang.: spa. 1986. Series title: *Boletín-Sociedad Chilena de la Ciencia del Suelo*. Vol.5(2):p.273-289. Note: Summary language: English; Spanish
Descriptor: goats * arid zones * desertification * soil deterioration * *Artioda ctyla* * *Bovidae* * climate * climatic zones * domestic animals * environmental conditions * injurious factors * livestock * meat animals * natural disasters * ruminants * site factors * skin producing animals * vertebrates * wool producing animals
Geographical descriptor: Chile * South America
- 0235 *Azzaroli, A*
ON THE EVOLUTION OF THE GULF OF ADEN
 Meeting or Conf.: International Geological Congress, 23rd, Prague, 1968, Report, Section 1, Proceedings
 Lang.: eng. 1968. Vol.1, p.125-134. Note: International Geological Congress, 23rd, Prague, 1968
Descriptor: climatic geomorphology * submarine topographic features * drift * rift valleys * Tertiary period * Cretaceous period
Geographical descriptor: Aden * Gulf of Aden * Arabian Peninsula * Somalia

- 0236 *Ba, A.S*
L'IMPACT DE LA SECHERESSE SUR LE MILIEU PASTORAL SAHELIEN(The Impact of Drought on the Sahelian Grassland Environment)
Lang.: fre. Paris: Agence de Cooperation Culturelle et Technique. 1986. 76p. ISBN 92-9028-92-1
Descriptor: grasslands * desertification * arid zones * drought
Geographical descriptor: Sahel * Africa
- 0237 *Babaev, A*
SHRUB PASTURES SALINIZED SOILS IN LIBYAN CENTRAL ZONE
Lang.: rus. 1981. Series title: *Problemy Osvoeniya Pustyn*. No.2:p89-96. Note: Summary in English
Descriptor: rangelands * shrubs * productivity
Geographical descriptor: Libya * Africa
- 0238 *Babaev, A.G*
ARID LANDS OF THE USSR AND THEIR PRODUCTIVE FORCES
Lang.: eng. Moscow, USSR: Centre for International Projects GKNT. 1986. p.114-123. Note: (In) Arid Land Development and the Combat Against Desertification: An Integrated Approach by M.H. Glantz, (ed.), 145p
Descriptor: arid land * desertification * land development * land types * irrigation projects * desertification control
Geographical descriptor: USSR
- 0239 *Babaev, A.G.; Orlovskii, N.S*
BASIC RESULTS OF IMPLEMENTATION OF THE PLAN OF ACTION FOR COMBATING DESERTIFICATION FOR THE PERIOD 1977-1984
Lang.: eng. 1986. Series title: *Problems of Desert Development*. No.3:p.1-9. Note: Translated from: *Problemy Osvoeniya Pustyn* (1985, No.3:p.3-10)
Descriptor: desertification control
- 0240 *Babaev, A.G.; Orlovsky, N.S.; Kharin, N.G*
COMPLEX DESERT DEVELOPMENT AND DESERTIFICATION CONTROL IN THE U.S.S.R
Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
Lang.: eng. Boulder, CO: Westview Press. 1988. p.825-839. Note: Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, R.G. Varady (eds.), 1435p
Descriptor: desert development * desertification control
Geographical descriptor: USSR
- 0241 *Babaev, A.G.; Bairamov, S.B*
CURRENT PROBLEMS IN THE PRESERVATION AND CORRECT USE OF ECOSYSTEMS IN THE ARID ZONE OF THE USSR
Lang.: rus. 1985. Series title: *Problemy Osvoeniya Pustyn*. Vol.O(4):p.7-12
Descriptor: ecosystems * arid land
Geographical descriptor: USSR
- 0242 *Babaev, A.G.; Zonn, I.S*
DESERTIFICATION IN CENTRAL ASIA: ASSESSMENT AND MEASURES OF CONTROL
Lang.: eng. 1983. Series title: *Problems of Desert Development*. No.2:p.1-10. Note: Translated from: *Problemy Osvoeniya Pustyn* (1983, No.2:p.3-13)
Descriptor: soil fertility * desertification
Geographical descriptor: Asia
- 0243 *Babaev, A.G*
DESERTS: THEIR PRESENT AND FUTURE
Lang.: rus. 1977. Series title: *Nauka u Zhizn*. 8. Note: (translated title)
Descriptor: deserts * forecasting
- 0244 *Babaev, A.G.; Sultanov, F.F*
ECOLOGICAL CONDITIONS OF DESERTS AND ADAPTATION OF THE HUMAN ORGANISM IN AN ARID ZONE
Lang.: eng. New York, NY: Allerton Press. 1985. Series title: *Problems of Desert Development*. Vol.1:p.1-6. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: human ecology * ecosystems * desertification * environmental degradation * safety * deserts * arid land
- 0245 *Babaev, A.G.; Kharin, N.G*
ENVIRONMENT CONSERVATION AND SHELTERBELT CREATION IN LIBYA
Lang.: rus. 1981. Series title: *Problemy Osvoeniya Pustyn*. 1981(2):p.83-89. 12 ref. Note: Summary in English
Descriptor: *Acacia tortilis* * *Acacia cyanophylla* * *Cupressus sempervirens* * *Juniperus phoenicea* * *Pinus halepensis* * environmental protection * *Pistacia atlantica* * *Stipa tenacissima* * *Eucalyptus camaldulensis* * shelterbelts
Geographical descriptor: Libya * Africa
- 0246 *Babaev, A.G.; Batyrov, A.; Freikin, Z.G.; et al*
INTEGRATED DESERT DEVELOPMENT AND DESERTIFICATION CONTROL IN THE TURKMENIAN S.S.R
Lang.: eng. Oxford, U.K.: Pergamon Press. 1980. Series title: *Environmental Sciences and Applications*. Vol.12:p.481-523. ISBN 0-08-023581-6. Note: (In) Desertification by M.R. Biswas and A.K. Biswas, (eds.)
Descriptor: maps * desertification control * desert development * development * agricultural development * arid land * soil fertility * reclamation * land types * deserts
Geographical descriptor: Turkmen SSR * USSR
- 0247 *Babaev, A.G.; et al*
MSSR: INTEGRATED DESERT DEVELOPMENT AND DESERTIFICATION CONTROL IN THE TURKMENIAN SSR An associated case study
Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/22. 1976. 18p. Note: Map supplement A/Conf. 74/22/ADD.1
Descriptor: case studies * desertification * carrying capacity * deserts * pastures * afforestation * sand control * monitoring * mining * sheep * irrigation practices
Geographical descriptor: USSR * Turkmen SSR * Karakum
- 0248 *Babaev, A.G.; Ovezliev, A.O.; Agaev, A*
NEW FODDER CROPS USED FOR THE KARAKUM DESERT DEVELOPMENT
Lang.: rus. 1980. Series title: *Problemy Osvoeniya Pustyn*. 1980(6):p.72-76. Note: Summary in English
Descriptor: *Sorghum bicolor* * *Zea mays*
Geographical descriptor: USSR * Turkmen SSR * Karakum Desert
- 0249 *Babaev, A.G.; Gerasimov, I.P.; Nechaeva, N.T.; et al*
STUDY AND RECLAMATION OF DESERTS AND SEMIDESERTS IN THE USSR: INCLUDES SHELTERBELTS
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. Series title: *Problemy Osvoeniya Pustyn*. No.3:p.17-24
Descriptor: deserts * semideserts * reclamation * shelterbelts * United Nations
Geographical descriptor: USSR
- 0250 *Babaev, A.G.; Freikin, Z.G*
THE DESERT OF THE USSR, YESTERDAY, NOWADAYS AND TOMORROW
Lang.: eng. Mysl, M. 1977. 351p
Descriptor: forecasting * regional surveys * deserts
Geographical descriptor: USSR

- 0251 **Babaev, A.G.; Zonn, I.S.; Orlovsky, N.S**
THE USSR EXPERIENCE IN DESERT RECLAMATION AND DESERTIFICATION CONTROL
Lang.: eng. Moscow: USSR State Committee for Science and Technology. 1984. 103p. Note: Four maps of folded leaf
Descriptor: desertification control * erosion control * deserts * climate * water resources * soil surveys * reclamation
Geographical descriptor: USSR
- 0252 **Babaev, A.G**
THE USSR'S CONTRIBUTION TO REALIZATION OF THE PLAN OF ACTION FOR COMBATING DESERTIFICATION
Lang.: eng. 1986. Series title: *Problems of Desert Development*. No.3:p.16-20. Note: Translated from: *Problemy Osvoeniya Pustyn* (1985, No.3:p.16-19)
Descriptor: desertification control
Geographical descriptor: USSR
- 0253 **Babaev, A.G. (ed.)**
PRINCIPAL PROBLEMS OF DESERT LAND RECLAMATION IN THE USSR
Lang.: eng. Boulder, CO: Westview Press. 1977. p.203-232. Note: (In) *Desertification: Environmental Degradation in and around Arid Lands* by M.H. Glantz (ed.), 346p
Descriptor: desertification control * reclamation * human activity * sand control * reclamation * remote sensing * monitoring * water supply * desalination
Geographical descriptor: USSR * Kazakh SSR * Turkmen SSR * Uzbek SSR * Karakum
- 0254 **Babaeva, T.A**
A SURVEY OF CURRENT DESERTIFICATION MAPS: USING TURKMENISTAN AS AN EXAMPLE
Lang.: eng. 1982. Series title: *Problems of Desert Development*. No.2:p.48-52. Note: Translated from: *Problemy Osvoeniya Pustyn* (1982) No.2:p.44-48
Descriptor: soil fertility * desertification * mapping
Geographical descriptor: Turkmen SSR * USSR * Asia
- 0255 **Babaeva, T.A**
THE STUDY OF THE DYNAMICS OF DESERTIFICATION PROCESSES BY SATELLITE PHOTOGRAPHY
Lang.: eng. 1983. Series title: *Problems of Desert Development*. No.5:p.82-85. Note: Translated from: *Problemy Osvoeniya Pustyn* (1983) No.5:p.70-72
Descriptor: desertification * remote sensing * satellite imagery * photography
Geographical descriptor: Turkmen SSR * USSR * Asia
- 0256 **Babaeva, T.A**
USE OF THE "METEOR" SATELLITE PHOTOGRAPHS FOR STUDYING DESERTIFICATION PROCESSES IN TURKMENISTAN
Lang.: eng. 1982. Series title: *Problems of Desert Development*. No.6:p.23-28. Note: Translated from: *Problemy Osvoeniya Pustyn* (1982) No.6:p.33-39
Descriptor: remote sensing * multispectral imagery * desertification * soil fertility * photography
Geographical descriptor: Turkmen SSR * USSR * Asia
- 0257 **Babayev, A**
METODIKA IZUCHENIYA PO AEROSNIMKAM STEPENI ANTROPOGENNOGO VOZDEISTVIYA V PUSTYNE (A study of man's impact on desert environment through space photos)
Lang.: rus. 1979. Series title: *Problemy Osvoeniya Pustyn*. 1979(1):p.65-72. 4 ref. Note: Summary in English
Descriptor: environmental impact * human activity * remote sensing * spaceborne photography * deserts
Geographical descriptor: USSR
- 0258 **Babayev, A.G.; Orlovskii, N.S**
ARID LANDS IRRIGATION AND DESERTIFICATION CONTROL IN THE USSR
Lang.: eng. Kinsington, Australia: University of New South Wales. School of Geography. 1980. p.57-72. Note: (In) *The Threatened Drylands: Regional and Systematic Studies of Desertification* by J.A. Mabbutt and S.M. Berkowicz (eds.), 153p
Descriptor: agricultural development * irrigation * projects * desertification control
Geographical descriptor: USSR
- 0259 **Babayev, A.G.; Turayev, K.B**
CHANGES IN THE LANDSCAPE OF THE MURGAB RIVER DELTA UNDER THE INFLUENCE OF THE KARAKUM CANAL
Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.6:p.16-20. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: landscape * environmental impact * ecosystems * soil development * crops * plant succession
Geographical descriptor: Karakum Canal * Turkmen SSR * Murgab River * Delta * USSR
- 0260 **Babayev, A.G**
DRIFTING SANDS IN THE DESERTS OF THE USSR STABILIZATION AND AFFORESTATION
Lang.: eng. Moscow: United Nations Environmental Protection Soviet Project. 1981. 318p
Descriptor: sand * sand control * stabilization * afforestation * deserts
Geographical descriptor: USSR
- 0261 **Babayev, A.G.; et al**
FUNDAMENTAL PROBLEMS OF THE STUDY AND DEVELOPMENT OF DESERT TERRITORIES IN THE USSR
Lang.: eng. 1967. Series title: *Problems of Desert Development*. No.1:p.3-12. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: deserts * soil development
Geographical descriptor: USSR
- 0262 **Babayev, A.G.; Cherednichenko, V.P**
GEOGRAPHIC SUBSTANTIATION FOR THE PLANNING AND CONSTRUCTION OF LINEAR PROJECTS IN SANDY DESERTS
Lang.: eng. 1971. p.149-155. Note: (In) *Problemy Prikladnoy Geografii, Irkutsk*
Descriptor: linear projects * environmental impact * deserts * planning * sand * geography
- 0263 **Babayev, A.G**
MAIN RESULTS AND TASKS IN THE STUDY AND DEVELOPMENT OF CENTRAL ASIA AND KAZAKHSTAN DESERTS
Lang.: eng. Ashkhabad, Turkmen SSR: Ylym. 1971. p.7-18. Note: (In) *Prirodnyye usloviya i podvizhnyye peski pustyn' (Deserts natural conditions and shifting sands)*
Descriptor: sand movement * deserts * sand * soil development
Geographical descriptor: Kazakh SSR * USSR * Central Asia
- 0264 **Babayev, A.G.; Cherednichenko, V.P**
METHOD FOR DETERMINING THE DEGREE OF DEFLATION IN SHIFTING SANDS
Lang.: eng. 1972. Series title: *Problems of Desert Development*. No.5:p.41-45. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sand * taxonomy * sand movement
- 0265 **Babayev, A.G**
OAZISNYYE PESKI TURKMENISTANA I PUTI IKH OSVOYENIYA (Oases sands in Turkmenistan and methods for their development)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1973. 353p
Descriptor: sand * taxonomy * sand control * afforestation * agricultural development
Geographical descriptor: Turkmen SSR * USSR
- 0266 **Babayev, A.G.; Gerasimov, I.P**
THE INTERNATIONAL UNEP-USSR PROJECT ON 'COMBATING DESERTIFICATION THROUGH INTEGRATED DEVELOPMENT'
Lang.: eng. Kinsington, Australia: University of New South Wales. School of Geography. 1980. p.137-142. Note: (In) *The Threatened Drylands: Regional and Systematic Studies of Desertification* by J.A. Mabbutt and S.M. Berkowicz (eds.), 153p
Descriptor: desertification control * rural development * projects
Geographical descriptor: Africa * Sahel * Asia * Latin America * West Africa

- 0267 **Babiker, A.A.G**
URBANIZATION AND DESERTIFICATION IN THE SUDAN WITH SPECIAL REFERENCE TO KHARTOUM
Lang.: eng. Sudan: University of Khartoum. 1982. Series title: *GeoJournal*. Vol.6(1):p.69-76. ISSN 0343-2521
Descriptor: urbanization * desertification * population growth
Geographical descriptor: Sudan * Khartoum
- 0268 **Babiker, M.M**
NOMAD SETTLEMENTS AND DETERIORATION OF RANGELANDS IN THE SUDAN
Lang.: eng. 1985. Series title: *Environmental Conservation*. Vol.12(4):p.356-358
Descriptor: rangelands * damage * nomads * pastoralism
Geographical descriptor: Sudan * Africa
- 0269 **Backeus, I**
THE NIGERIAN ENVIRONMENT: REPORT ON A VISIT AND BACKGROUND INFORMATION
Lang.: swe. Uppsala, Sweden: Meddelanden fraan Vaixtbiologiska Institutionen. Dec. 1984. No.1984:2. 44p. ISSN 0348-1417
Descriptor: vegetation * plant ecology * desertification * water storage * hydraulic engineering * natural disasters * water supply
Geographical descriptor: Nigeria * Anglophone Africa * West Africa * Africa
- 0270 **Boepler, D.H**
DESERTIFICATION AND PRODUCTIVITY
Lang.: eng. Chur, U.K.: Harwood Academic Publishers. 1979. p.113-120. Note: (In) *Advances in Desert and Arid Land Technology and Development*, Vol. 1, 618p, by A. Bishay and W.G. McGinnies, (eds.)
Descriptor: desertification * productivity * land development * agricultural development
- 0271 **Bahre, C.J**
THE DESTRUCTION OF THE NATURAL VEGETATION OF NORTH CENTRAL CHILE
Lang.: eng. 1979. Series title: *University of California, Berkeley, Publications in Geography*. 23
Descriptor: desertification * vegetation change * plant succession
Geographical descriptor: South America * Chile * Atacama Desert
- 0272 **Bahre, C.J.; Bradbury, D.E**
VEGETATION CHANGE ALONG THE ARIZONA-SONORA BOUNDARY
Lang.: eng. 1978. Series title: *Association of American Geographers, Annals*. Vol.8(2):p.145-165
Descriptor: vegetation change * land use * overgrazing * range management * time lapse photography * regional analysis * deserts * environmental impact
Geographical descriptor: Sonoran Desert * Arizona * USA * Mexico
- 0273 **Baigozova, G.A**
A CONTRIBUTION TO THE BIOLOGY OF ASTRAGALUS PAUCIJUGUS C.A.MEY
Lang.: eng. 1970. Series title: *Botanicheskii Zhurnal SSSR*. Vol.55(9):p.1282-1289
Descriptor: *Astragalus paucijugus* * biology * browse species * sand control * sand * vegetative stage * flowering
Geographical descriptor: Kazakh SSR * Tau Kумы Sands
- 0274 **Bake, G**
PHYSISCH-GEOGRAPHISCHE GRUNDLAGEN UND DYNAMIK VON DESERTIFIKATIONSERSCHEINUNGEN IN SÜDWEST-SIZILIEN (Physical Geographic Basis and Dynamics of Desertification in Southwest Sicily)
Lang.: ger. Hamburg, FRG: University of Hamburg. 1981. Unknown page numbers. Note: *Dissertation Abstracts International*, Section C: European Abstracts
Descriptor: desertification * dynamics * geophysics
Geographical descriptor: Sicily * Italy
- 0275 **Bake, G**
WATER RESOURCES AND WATER MANAGEMENT IN SOUTH-WESTERN MARSABIT DISTRICT
Lang.: eng. Nairobi, Kenya: United Nations Education, Scientific and Cultural Organization. 1984. Series title: *IPAL Technical Report*. No.B-4. vi, 116p
Descriptor: water use * marginal lands * groundwater * drainage * surface water * water supply * water management * water resources * water law
Geographical descriptor: Kenya * Marsabit Region * Northern Kenya * IPAL Area * Africa
- 0276 **Baker, C.W**
REPORT ON PASTURE IMPROVEMENT AND LAND RECLAMATION IN EASTERN SAUDI ARABIA
Lang.: eng. Dhahran, Saudi Arabia. 1954. (mimeo), 18p
Descriptor: pastures * land reclamation
Geographical descriptor: Arabian Peninsula * Saudi Arabia
- 0277 **Baker, R**
DESERTIFICATION: CAUSE AND CONTROL. A STUDY OF THE UN PLAN OF ACTION AND ITS POSSIBLE APPLICATION
Lang.: eng. Africa: University of East Anglia. 1980. Series title: *Development Studies Occasional Paper*. 6
Descriptor: desertification control * United Nations
Geographical descriptor: Africa * Sahel
- 0278 **Baker, R**
ECOLOGICAL PROBLEMS AND THE ADMINISTRATIVE AND PLANNING FRAMEWORK: A CASE STUDY FROM KENYA
Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
Lang.: eng. New York: United Nations Social and Economic Council. 1981. 54p
Descriptor: desertification * natural resources * land use * planning * ecology * administration
Geographical descriptor: Kenya * ECWA Region
- 0279 **Baker, R.; Kiryanjui, D.N**
RECOMMENDATIONS ON THE INSTITUTIONAL FRAMEWORK FOR ENVIRONMENTAL MANAGEMENT IN KENYA
Lang.: eng. Africa: University of East Anglia, School of Development Studies. 1980. Series title: *Development Studies Occasional Paper*. No.9. 54p
Descriptor: environmental management * institutions * infrastructure
Geographical descriptor: Kenya * Africa
- 0280 **Baker, R**
THE NEED FOR LONG TERM STRATEGIES IN AREAS OF PASTORAL NOMADISM
Lang.: eng. London: University of London. Centre for African Studies. 1973. p.79-84. Note: (In) *Drought in Africa*, Report on the Symposium held July 19-20, 1973 by D. Dalby and R.J. Harrison Church (eds.)
Descriptor: aid * desertification * nomads * environmental impact * economic development * range management * land use * populations * social aspects * livestock * government * institutions * productivity * political aspects * legal aspects * human resources * ecology * transhumance * developing countries * pastoralism
Geographical descriptor: Africa * Sahel * Botswana * Sudan * Niger * Saudi Arabia
- 0281 **Baker, S.J.K**
A BACKGROUND TO THE STUDY OF DROUGHT IN EAST AFRICA
Lang.: eng. London, U.K.: University of London. Centre for African Studies. 1973. p.46-52, (unpublished). Note: (In) *Drought in Africa*, Report of the symposium held July 19-20, 1973 by D. Dalby and R.J. Harrison Church, (eds.)
Descriptor: aid * range management * crop production * economic development * desertification * carrying capacity * arid land * rainfall reliability * cattle * land use * settlements * drought * runoff * erosion * animal damage * soil types * soil compaction * developing countries
Geographical descriptor: East Africa * Kenya * Africa

- 0282 *Bakht, A.; Ibrahim, F.N*
GEOMORPHOLOGICAL ASPECTS OF THE PROCESS OF DESERTIFICATION IN WESTERN SUDAN
 Lang.: eng. Sudan: University of Khartoum. 1982. Series title: *GeoJournal*. Vol.6(1):p.19-24. ISSN 0343-2521
Descriptor: desertification * geomorphology
Geographical descriptor: Sudan * Africa
- 0283 *Balba, A.M*
MANAGEMENT, CONSERVATION AND DEVELOPMENT OF AGRICULTURAL RESOURCES IN EGYPT
 Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, May 9-15, 1981, Damascus, Syrian Arab Republic
 Lang.: eng. New York: United Nations Social and Economic Council. 1981. 17p
Descriptor: agricultural development * policy * desertification * land use
Geographical descriptor: Egypt
- 0284 *Baldy, C*
CLIMATOLOGIE DE LA TUNISIE CENTRALE
 Lang.: fr. Rome: Food and Agriculture Organization of the United Nations. 1965. 84p
Descriptor: climatology
Geographical descriptor: Tunisia * Africa
- 0285 *Ballais, J.L*
DONNEES NOUVELLES SUR LE PLEISTOCENE RECENT DE LA TUNISIE MERIDIONALE
 Lang.: fr. 1973. Series title: *Societe d'Histoire Naturelle d'Afrique du Nord. Bulletin (Alger)*. Vol.64(3-4):p.129-149
Descriptor: depressions * Pleistocene epoch * geomorphology * crusts * aridity
Geographical descriptor: Tunisia * Africa
- 0286 *Ballais, J.L.; Marre, A.; Ragnon, P*
PERIODES ARIDES DU QUATERNAIRE RECENT ET DEPLACEMENT DES SABLES EOLIENS DANS LES ZIBANS (ALGERIE)
 Lang.: fr. 1979. Series title: *Revue de Geographie Physique et de Geologie Dynamique S.2*. Vol.21(2):p.97-108
Descriptor: Quaternary period * wind action * sand * dunes
Geographical descriptor: Algeria * Africa
- 0287 *Balout, L*
PREHISTOIRE DE L'AFRIQUE DU NORD
 Lang.: fr. Paris: Arts et Metiers Graphiques. 1955. 544p
Descriptor: prehistory * archaeology
Geographical descriptor: Sahara * North Africa * Africa
- 0288 *Baly, D*
THE GEOGRAPHY OF THE BIBLE: A STUDY IN HISTORICAL GEOGRAPHY
 Lang.: eng. London, U.K.: Butterworth. 1957. 303p
Descriptor: geography * history * archaeology
Geographical descriptor: Middle East * Palestine * Jordan * Israel
- 0289 *Bamisaiye, E.A*
SOLVING THE FOOD CRISIS IN AFRICA: THE ROLE OF HIGHER EDUCATION
 Lang.: eng. 1985. Series title: *Journal of African Studies*. Vol.11(4):p.182-188
Descriptor: food supply * educational policy * attitudes
Geographical descriptor: Africa
- 0290 *Banova, V.A*
METHODS FOR INVESTIGATING FOCI OF DESERTIFICATION ON THE RANGELANDS OF THE WESTERN CASPIAN SEA
 Lang.: eng. New York: Allerton Press. 1987. Series title: *Problems of Desert Development*. 1987(4):p.62-66. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn*, 1987(4):p.58-61
Descriptor: rangelands * desertification * human activity * overgrazing * land classification * terminology * range management
Geographical descriptor: RSFSR * USSR * Caspian Sea
- 0291 *Bandyopadhyay, J.; Shiva, V*
DROUGHT, DEVELOPMENT AND DESERTIFICATION
 Lang.: eng. 1986. Series title: *Economic and Political Weekly*. Vol.21(33):p.1448-1450
Descriptor: drought * development * desertification
- 0292 *Bandyopadhyay, J.; Shiva, V*
EUCALYPTUS IN RAINFED FARM FORESTRY - PRESCRIPTION FOR DESERTIFICATION
 Lang.: eng. 1985. Series title: *Economic and Political Weekly*. Vol.20(40):p.1687-1688
Descriptor: Eucalyptus * desertification * rainfed farming * forestry * agroforestry
- 0293 *Bangkok Bank*
DESERTIFICATION AND ECONOMIC LOSS
 Lang.: eng. Jun. 1980. Series title: *Bangkok Bank Monthly Review*. Vol.21:p.199-204
Descriptor: desertification * economic loss
- 0294 *Bannert, K*
AN OPERATIONAL SYSTEM TO MONITOR DESERTIFICATION USING LANDSAT DATA
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, 14th, San Jose, Costa Rica, Apr. 23-30, 1980
 Lang.: eng. Hanover, FRG: Bundesanstalt fuer Geowissenschaften und Rohstoffe. 1980. Vol.2, p.783-785
Descriptor: arid land * deserts * environmental monitoring * vegetation growth * classification * digital data photomapping * Landsat * satellites
- 0295 *Barbey, C.; Carbonnel, J.P*
LE RAVINEMENT DUNAIRE EN MILIEU SAHELIE. OBSERVATIONS LORS PLUIES RECENTES DANS LA REGION DE NOUAKCHOTT (MAURITANIE)
 Lang.: fr. Paris: Academie des Sciences. 1972. Series title: *Academie des Sciences. Comptes Rendus*. Vol.274:p.2933-2935
Descriptor: dunes * erosion * runoff * gully erosion
Geographical descriptor: Mauritania * Sahel * Africa
- 0296 *Barbey, C.; Carbonnel, J.P.; Loic Leribault, T.J*
MISE EN EVIDENCE PAR EXOSCOPE DES QUARTZ DE PLUSIEURS EPISODES EOLIENS DU COURS DU QUATERNAIRE MAURITANIE
 Lang.: fr. Paris: Academie des Sciences. 1974. Series title: *Academie des Sciences. Comptes Rendus*. Series D. Vol.278:p.1163-1166
Descriptor: sand * dunes * Quaternary period * eolian sands * wind action * paleoclimatology
Geographical descriptor: Mauritania * Africa
- 0297 *Barclay, O.; et al*
POSSIBILITIES OF LAND RECLAMATION IN DESERT AREAS. REVIEW OF PRESENT AND FUTURE STATUS
 Lang.: eng. New York: Harwood Academic Pub. 1979. Vol.1:p.41-53. Note: (In) *Advances in Desert and Arid Land Technology and Development* by A. Bishay and W.G. McGinnies (eds.), 618p
Descriptor: reclamation * desertification * drainage * urbanization * deserts
Geographical descriptor: Egypt * Africa
- 0298 *Barhat, N.K.; Chowdhary, A.L.; Chowdhary, M.S*
A STUDY OF EFFICIENCY OF WOOL PRODUCTION FOR REDUCING THE IMPACT OF FORCES OF DESERTIFICATION
 Lang.: eng. 1980. Series title: *Annals of Arid Zone*. Vol.19(4):p.493-497. ISSN 0570-1791
Descriptor: production * desertification * economic impact * animal breeding * sheep * wool
Geographical descriptor: India * Rajasthan
- 0299 *Bari, E.A*
CHANGES IN THE VEGETATION OF THE SUDAN WITH SPECIAL REFERENCE TO THE SAVANNAH ZONE
 Lang.: eng. Khartoum: Sudan Veterinary Association. 1977. ill. Note: Caption title
Descriptor: desertification control * ecology * savannas
Geographical descriptor: Sudan * Africa

- 0300 *Barnes, W.L.*
SCIENTIFIC REQUIREMENTS FOR A MODERATE-RESOLUTION IMAGING SPECTROMETER (MODIS) FOR EOS
Meeting or Conf.: EOS - A Subset of Space Station Conference, Virginia Beach, VA, Oct. 8-10, 1985
Lang.: eng. Greenbelt, MD: National Aeronautics and Space Administration. Goddard Space Flight Center. Oct. 1985. 7p
Descriptor: satellites * earth observations from space * imaging spectrometers * remote sensing * satellite borne instruments * specifications * spectroradiometers
- 0301 *Barney, G.E.*
THE GLOBAL 2000 REPORT TO THE PRESIDENT. ENTERING THE TWENTY-FIRST CENTURY
Lang.: eng. Harmondsworth, U.K.: Penguin Books. 1982. Vol.1. 766p. ISBN 0-14-022441-6
Descriptor: forecasting * populations * food supply * natural resources
- 0302 *Barre, P.*
LA DYNAMIQUE DES SABLES DUNAIRES AUX ENVIRONS DE NOUAKCHOTT (MAURITANIE) (The Dynamics of Sand Dunes around Nouakchott, Mauritania)
Lang.: fre. Talence 33405, France: University of Bordeaux. 1984. Series title: Travaux du Laboratoire de Geographie Physique Appliquee 8. Vol.8:p.23-57. ISSN 0249-647X
Descriptor: sand * dunes * sand movement
Geographical descriptor: Africa * Nouakchott * Mauritania
- 0303 *Barret, C.; Dsouza, G.*
AN OBJECTIVE MONITORING METHOD FOR AFRICAN RAINFALL BASED ON METEOSAT VIS AND IMAGES
Lang.: eng. Bristol, U.K.: Bristol University. Remote Sensing Unit. May 1986. p.305-313. Note: (In) ESA Proceedings of an International Satellite Land-Surface Climatology Project
Descriptor: meteorology * Meteosat * satellites * rain * satellite imagery * satellite observation * desertification * diurnal variation * drought * infrared imagery * nocturnal variations
Geographical descriptor: Africa
- 0304 *Barrett, E.C.; Hamilton, M.G.*
POTENTIALITIES AND PROBLEMS OF SATELLITE REMOTE SENSING WITH SPECIAL REFERENCE TO ARID AND SEMIARID REGIONS
Lang.: eng. Aug.-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.167-186. ISSN 0165-0009
Descriptor: satellite surveys * desertification * arid land * semiarid lands * satellites
- 0305 *Barrett, R.N. (ed.)*
INTERNATIONAL DIMENSIONS OF THE ENVIRONMENTAL CRISIS
Lang.: eng. 1982. Series title: Westview Replica Ed. xviii, 298p. ISBN 0-86531-343-1
Descriptor: environmental policy * resource conservation * human ecology
- 0306 *Barry, J.P.; Boudet, G.; Bourgeot, S.; et al.*
ETUDE DES POTENTIALITES PASTORALES ET DE LEUR EVOLUTION EN MILIEU SAHEL IEN AU MALI (Study on the Pastoral Potentialities and Their Evolution in a Sahelian Environment in Mali)
Lang.: fre. Maisons-Alfort, France: IEMVT. 1984. 117p
Descriptor: agrostology * plant ecology * desertification * soil science * natural disasters
Geographical descriptor: Mali * Sahel * Francophone Africa * West Africa * Africa
- 0307 *Barry, M.A.*
CAP-VERT: HALTE A LA SECHERESSE (Cape Verde: a stop to drought)
Lang.: fre. 1982. Series title: Jeune Afrique. Vol.22(1123):p.41-44
Descriptor: development plans * self sufficiency * agricultural development * drought
Geographical descriptor: Africa * Cape Verde
- 0308 *Bartebus, P.*
ECONOMIC DEVELOPMENT AND THE HUMAN ENVIRONMENT. A STUDY OF IMPACTS AND REPERCUSSIONS WITH PARTICULAR REFERENCES TO KENYA
Lang.: eng. 1980. Series title: IFO-Studien sur Entwicklungsforschung. 8. 184p
Descriptor: environmental policy * development policy
Geographical descriptor: Kenya * Africa
- 0309 *Barth, H.K.*
ACCELERATED EROSION OF FOSSIL DUNES IN THE GOURMA REGION (MALI) AS A MANIFESTATION OF DESERTIFICATION
Meeting or Conf.: Proceedings of the International Conference of the International Society of Soil Science, Jerusalem, Israel, Mar. 19-Apr. 4, 1981
Lang.: eng. Cremlingen: Catena Verlag. 1982. p.211-219, maps. ISBN 392338100X. Note: (In) Acidic Soils and Geomorphic Processes by D.H. Yaalon (ed.)
Descriptor: erosion * fossil dunes * desertification * dunes
Geographical descriptor: Gourma Region * Africa * Mali
- 0310 *Barth, H.K.*
DER GEOKOMPLEX SAHEL
Lang.: ger. 1977. Series title: Tuebinger Geographische Studien. Vol.71(12):p.1-234
Descriptor: geomorphology * topography * microenvironment * climatic geomorphology * ecosystems * hydrology * soil types * soil surfaces * soil structure * phytogeography * biogeography * riparian ecosystems
Geographical descriptor: Africa * Sahel * Mali
- 0311 *Barth, H.K.*
TYPES OF SEMIARID ECOSYSTEMS: STRESS AND STRESS POTENTIAL, WITH SPECIAL REFERENCE TO THE SAHELIAN AREAS OF THE GOURMA, MALI
Lang.: eng. 1977. Series title: Applied Sciences and Development. Vol.10:p.59-80
Descriptor: ecosystems * stress factors * dunes * desert plants * water balance * soil water plant relationships * desert biome
Geographical descriptor: Africa * Mali * Sahel
- 0312 *Barth, H.K.*
WIND EROSION IN THE INTERIOR DELTA OF THE NIGER IN MALI
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1986. p.274-289. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.), 473p
Descriptor: wind erosion * deltas * rivers * injurious factors * inland waterways * site factors * soil characteristics * soil types * transport
Geographical descriptor: Mali * Africa
- 0313 *Barton, K.*
THE TEMPERATURE'S RISING
Lang.: eng. Summer 1987. Series title: Outdoor America. Vol.52(3):p.20-26
Descriptor: temperature * climatic change
- 0314 *Bassher, M.M.; Shepherd, W.O.*
FORAGE RESOURCES OF THE SUDAN SAVANNA, POTENTIALS AND PROBLEMS: PLANT PRODUCTION AND POTENTIAL, INCLUDING RANGE AND PASTURE, FOOD, FODDER, FUEL, TRIAL FOREST SYSTEM
Lang.: eng. Rome: Food and Agriculture Organization. 1967. p.136-149. Note: (In) Report of the Meeting on Savanna Development
Descriptor: fuelwood * pastures * forests * forage * fodder plants * vegetation * rangelands * livestock * savannas * range management
Geographical descriptor: Sudan * Africa

- 0315 **Basu, S.; et al**
GEOLOGY AND GROUNDWATER CONDITIONS OF PARTS OF RAJASTHAN
Lang.: eng. 1966. Series title: India Geological Survey Bulletin. Engineering Geology and Groundwater. Series B. Vol.20. 82p
Descriptor: geology * research * groundwater * water quality * aquifers * evaporites * saline water
Geographical descriptor: Rajasthan * India
- 0316 **Battaglia, B**
REPORT ON IDENTIFICATION AND ASSESSMENT OF ENVIRONMENTAL PROBLEMS
Meeting or Conf.: Presented at an International Conference, Venice, Italy, Oct. 21-26, 1985
Lang.: eng. Nov. 15, 1986. Vol.56. Note: (In) Science of the Total Environment: Man's Role in Changing the Global Environment, Part B
Descriptor: environmental surveys
- 0317 **Baumer, M.; Bernus, E**
A SELECTIVE BIBLIOGRAPHY ON NOMADISM IN THE SAHELO-SAHARIAN AND SAHELO-SUDANIAN ZONES
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1979. Series title: Arid Lands Newsletter. Vol.10:p.19-26
Descriptor: bibliographies * pastoralism * nomads
Geographical descriptor: Sahel * Sahara * Africa * Mauritania * Senegal * Mali * Niger * Upper Volta * Nigeria * Chad * Sudan * Algeria * Burkina Faso
- 0318 **Baumer, M**
LIVESTOCK STRATIFICATION: HELP OR HINDRANCE TO ARIDLAND PASTORALISM?
Lang.: eng. 1981. Series title: Mazingira. Vol.5(3):p.72
Descriptor: livestock * stocking rate * arid land * pastoralism
- 0319 **Baumer, M**
RESEEDING TRIALS IN KORDOFAN
Lang.: eng. 1961. Series title: Sudan Journal of Veterinary Science and Animal Husbandry. Vol.2:p.68-77
Descriptor: sowing * revegetation
Geographical descriptor: Sudan * Kordofan * Africa
- 0320 **Baumer, M.C.; Ben Salem, B**
ROLE OF FORESTRY IN THE CONTROL OF DESERTIFICATION: Sand Dune Stabilization, Shelterbelts and Afforestation in Dry zones. Lectures
Meeting or Conf.: Shelterbelts and Afforestation in Dry Zones, New Delhi, Jodhpur, Hissar, India, Mar. 3, 1980
Lang.: eng. Rome: Food and Agriculture Organization. Forest Resource Division. 1985. Series title: Food and Agriculture Organization Conservation Guide. No.10:p.9-15. ISBN 92-5-102261-5
Descriptor: desertification * arid climate * economic sectors * environmental impact * natural disasters * primary sector * site factors * lectures * shelterbelts * stabilization * control * forestry * afforestation
- 0321 **Baumgardner, M.F.; Flannery, R.O.; Rios, M.A**
THE ARGENTINIAN SITUATION: EROSION, A NATIONAL HAZARD: CONSERVATION, AN URGENT NEED
Meeting or Conf.: Congreso Panamericano Sobre Conservacion del Suelo, 1st, Sao Paulo, Brazil
Lang.: spa. 1966. p.93-99
Descriptor: erosion * conservation * soil conservation
Geographical descriptor: Argentina * South America
- 0322 **Bayramov, S.B**
SHIFTING SANDS IN WESTERN TURKMENIA AND THE STRUGGLE AGAINST THEM
Lang.: eng. Ashkhabad, Turkmen SSR: Ylym. 1971. p.141-148. Note: (In) Prirodnyye usloviya i podvizhnyye peski pustyn' (Desert Natural Conditions and Shifting Sands)
Descriptor: sand control * sand
Geographical descriptor: USSR * Turkmen SSR
- 0323 **Bayramov, S.B**
STUDY OF DEFLATIONARY PROCESSES IN SANDY DESERTS
Lang.: eng. 1971. Series title: Geomorfologiya. Vol.2:p.45-49
Descriptor: deserts * sand * deflation
- 0324 **Bayrashev, A**
ECONOMIC SUBSTANTIATION FOR THE IMPROVEMENT OF UNDERPRODUCTIVE PASTURES AND HAYGROWING AREAS IN THE DESERT AND SEMI-DESERT ZONES OF KAZAKHSTAN
Lang.: eng. Ashkhabad, Turkmen SSR: 1971. p.113-122. Note: (In) Biokompleksy pustyn' i povysheniye ikh produktivnosti (Desert Biocomplexes and Upgrading Their Productivity)
Descriptor: pastures * hay * deserts * semideserts * ecosystems * plant production
Geographical descriptor: Kazakh SSR * USSR
- 0325 **Bazaras, M.A**
A REPORT FORWARDED TO THE SEMINAR OF STABILIZING SAND DUNES AND DESERTIFICATION CONTROL
Lang.: ara. Aden, Yemen, D.: Ministry of Agriculture. Agricultural Research Centre. Jun. 1984. 25p
Descriptor: desertification control * growing media * natural disasters * rooting media * sand * dunes
Geographical descriptor: Yemen * Middle East
- 0326 **Beadle, N.C.W**
THE VEGETATION AND PASTURES OF WESTERN NEW SOUTH WALES, WITH SPECIAL REFERENCE TO SOIL EROSION
Lang.: eng. Sydney, Australia: New South Wales Department of Conservation. 1948. 281p
Descriptor: soil erosion * livestock * overgrazing * sheep * environmental variability * pastures * carrying capacity * climatic vegetal relationships * reclamation * drought * lagomorpha * timber * wind erosion * gully erosion * sheet erosion * revegetation
Geographical descriptor: New South Wales * Australia
- 0327 **Beals, E.W**
THE REMNANT CEDAR FORESTS OF LEBANON
Lang.: eng. 1965. Series title: Journal of Ecology. Vol.53(3):p.679-694
Descriptor: forests * timber * climax * plant succession * relict vegetation * overstory
Geographical descriptor: Lebanon * Middle East
- 0328 **Beard, J.S**
DROUGHT EFFECTS IN THE GIBSON DESERT
Lang.: eng. 1968. Series title: Royal Society of Western Australia. Journal and Proceedings. Vol.51(2):p.39-50. map
Descriptor: drought * Acacia aneura * dunes * sand * climatic vegetal relationships
Geographical descriptor: Australia * Gibson Desert * Western Australia
- 0329 **Beard, L.R**
FLEXIBILITY, A KEY TO THE MANAGEMENT OF RISK AND UNCERTAINTY IN WATER SUPPLY
Lang.: eng. Wallingford, U.K.: International Association of Hydrological Sciences. 1982. No.135:p.177-183. Note: (In) Optimal Allocation of Water Resources
Descriptor: water supply * water management * water resources
- 0330 **Beaumont, P**
ALLUVIAL FANS ALONG THE FOOTHILLS OF THE ELBURZ MOUNTAINS, IRAN
Lang.: eng. 1972. Series title: Palaeogeography, Palaeoclimatology, Palaeoecology. Vol.12:p.251-273
Descriptor: geomorphology * paleoclimatology * paleogeography * paleontology * alluvial land * sedimentation * aggradation * archaeology * drainage * desert pavement
Geographical descriptor: Iran * Elburz Mountains * Middle East

- 0331 *Beaumont, P*
CHANGING PATTERNS OF LAND AND WATER USE IN THE ISFAHAN OASIS, IRAN
 Lang.: eng. 1980. Series title: *Stuttgarter Geographische Studien*. Vol.95:p.29-63. ISBN 3-88028-095-9. Note: (In) *Desertification in Extremely Arid Environments* by W. Mecklein (ed.), 203p.; Summary languages: French, German
Descriptor: water use * water resources management * development * social aspects
Geographical descriptor: Iran * Isfahan Oasis * Middle East
- 0332 *Beaumont, P*
DESERTIFICATION IN THE MIDDLE EAST
 Lang.: eng. Moscow, USSR: Centre for International Projects, GKNT. 1986. p.109-112. Note: (In) *Arid Land Development and the Combat Against Desertification: An Integrated Approach* by M.H. Glantz (ed.), 145p
Descriptor: arid land * desertification * soil salinity * irrigation
Geographical descriptor: Middle East
- 0333 *Beaumont, P*
QANAT SYSTEMS IN IRAN
 Lang.: eng. 1971. Series title: *International Association of Scientific Hydrology Bulletin*. Vol.16:p.39-50
Descriptor: qanats * groundwater
Geographical descriptor: Iran * Middle East
- 0334 *Beaumont, P*
QANATS ON THE VARAMIN PLAIN, IRAN
 Lang.: eng. 1968. Series title: *Institute of British Geographers Transactions*. Vol.45:p.169-179
Descriptor: qanats * water conveyance * irrigation * water management * water extraction * water utilization * groundwater * basins * water table * groundwater recharge * withdrawal * groundwater mining * water supply
Geographical descriptor: Varamin Plain * Iran * Middle East
- 0335 *Beaumont, P*
RESOURCE MANAGEMENT: A CASE STUDY OF WATER
 Lang.: eng. 1977. Series title: *Progress in Physical Geography*. Vol.1(3):p.528-536
Descriptor: water resources * physical geography * water management * case studies
- 0336 *Beaumont, P*
RIVER REGIMES IN IRAN
 Lang.: eng. 1973. Series title: *University of Durham Department of Geography Occasional Publications*. N.S.1.29p
Descriptor: rivers * drainage * winter precipitation * snowmelt * water discharge * hydrography * runoff * mountains
Geographical descriptor: Iran * Caspian Sea * Persian Gulf * Iranian Desert * Middle East
- 0337 *Beaumont, P.; Atkinson, K*
SOIL EROSION AND CONSERVATION IN NORTHERN JORDAN
 Lang.: eng. 1969. Series title: *Journal of Soil and Water Conservation*. Vol.24(4):p.144-147
Descriptor: soil erosion * soil conservation * human activity * settlements * land management * erosion control * land use * agriculture * grazing * rainfall intensity * desertification * rainfall runoff relationships
Geographical descriptor: Jordan * Middle East
- 0338 *Beaumont, P*
THE EUHRATES RIVER, AN INTERNATIONAL PROBLEM OF WATER RESOURCE DEVELOPMENT
 Lang.: eng. 1978. Series title: *Environmental Conservation*. Vol.5(1):p.35-43
Descriptor: dams * irrigation programs * floods * runoff * water resources development * water sources * water supply * water allocation policy * water rights * snowmelt
Geographical descriptor: Euphrates River * Iraq * Syria * Turkey * Middle East
- 0339 *Beaumont, P*
THE MIDDLE EAST - CASE STUDY OF DESERTIFICATION
 Lang.: eng. Kinsington, Australia: University of New South Wales, School of Geography. 1980. p.45-56. Note: (In) *The Threatened Drylands: Regional and Systematic Studies of Desertification* by J.A. Mabbutt and S.M. Berkowicz (eds.), 153p
Descriptor: desertification * surveys * case studies
Geographical descriptor: Middle East
- 0340 *Beaumont, P.; Blake, G.H.; Wagstaff, J.M*
THE MIDDLE EAST: A GEOGRAPHICAL STUDY
 Lang.: eng. London, U.K.: Wiley. 1976. 572p
Descriptor: regional geography * geography
Geographical descriptor: Middle East
- 0341 *Beaumont, P*
THREAT TO RURAL IRAN
 Lang.: eng. 1977. Series title: *Geographical Magazine*. Vol.49(12):p.763-766
Descriptor: desertification * climatic change * irrigation practices * saline soils * salts * qanats * overgrazing * animal damage * sand control
Geographical descriptor: Iran * Middle East
- 0342 *Beaumont, P*
WATER IN KUWAIT
 Lang.: eng. 1977. Series title: *Geography*. Vol.62(3):p.187-197
Descriptor: water supply * desalination * water conservation * water costs
Geographical descriptor: Kuwait * Persian Gulf * Middle East
- 0343 *Beaumont, P*
WATER RESOURCE DEVELOPMENT IN IRAN
 Lang.: eng. 1974. Series title: *Geographical Journal*. Vol.140(3):p.418-431
Descriptor: irrigation programs * surface water * groundwater * qanats * water conveyance * agriculture * water resources development * urban areas * water policy * water allocation * water utilization * water use
Geographical descriptor: Iran * Middle East
- 0344 *Becker, F.; Choudhury, B.J*
RELATIVE SENSITIVITY OF NORMALIZED DIFFERENCE VEGETATION INDEX (NDVI) AND MICROWAVE POLARIZATION DIFFERENCE INDEX (MPDI) FOR VEGETATION AND DESERTIFICATION MONITORING
 Lang.: eng. Greenbelt, MD: NASA, Goddard Space Flight Center. Mar. 1988. Series title: *Remote Sensing of Environment*. Vol.24:p.297-311. ISSN 0034-4257
Descriptor: desertification * microwaves * polarized electromagnetic radiation * vegetation growth * vegetative index * photosynthesis * soil moisture * time series analysis
- 0345 *Becker, R.J*
NON-CONSERVATION IN ARIZONA - ESTIMATES OF SOME COSTS
 Lang.: eng. 1975. Series title: *Arizona Academy of Science, Journal*. Vol.10(2):p.90-97
Descriptor: environmental impact * economic analysis * soil erosion * air pollution * water loss * land use
Geographical descriptor: Arizona
- 0346 *Beckett, P.H.T.; Gordon, E.D*
LAND USE AND SETTLEMENT BOUND KERMAN IN SOUTHERN IRAN
 Lang.: eng. 1966. Series title: *Geographical Journal*. Vol.132(4):p.476-490
Descriptor: tenure systems * settlements * land use * basins * qanats * social aspects * water resources development
Geographical descriptor: Bound Kerman * Iran * Middle East

- 0347 *Bedarev, S.A*
 TRANSPIRATION AND ITS CONNECTION WITH METEOROLOGICAL FACTORS AND THE WATERSALINE SOIL SYSTEM IN THE DESERT AREAS OF KAZAKHSTAN
 Lang.: eng. Novosibirsk, Russian SFSR: Nauka. 1975. p.169-175. Note: (In) Vodnyy obmen v osnovnykh tipakh rastitel'nosti SSSR kak element krugovorta veshchestva i energii (Water Exchange in Basic Types of USSR Vegetation as an Element of Matter and Energy Circulation)
 Descriptor: evapotranspiration * meteorology * saline soils * saline water * deserts * plant water relations * biomass * energy potential
 Geographical descriptor: Kazakh SSR * USSR
- 0348 *Bedunah, D.J.; Sosebee, R.E*
 INFLUENCE OF SITE MANIPULATION ON INFILTRATION RATES OF A DEPLETED WEST TEXAS RANGE SITE USA
 Lang.: eng. 1985. Series title: Journal of Range Management. Vol.38(3):p.200-205
 Descriptor: rate of infiltration * infiltration * site factors * soil water movement * rangelands
 Geographical descriptor: Texas
- 0349 *Begashaw, F*
 ENVIRONMENTAL DEGRADATION HAZARDS: THE EXPERIENCE OF THE NORTH-WESTERN PLANNING REGION
 Lang.: eng. 1988. Series title: IREUS Schriftenreihe (Institut für Raumordnung und Entwicklungsplanung, Universität Stuttgart). No.13:p.133-144
 Descriptor: environmental degradation * water conservation * social aspects * afforestation * soil conservation
 Geographical descriptor: Ethiopia * North-West Planning Region * Africa
- 0350 *Behravesht, Z*
 ADULT EDUCATION FOR ARID LANDS
 Lang.: eng. 1980. Series title: Somali Range Bulletin. Vol.9:p.49-59
 Descriptor: higher education * desertification control
 Geographical descriptor: Somalia * Africa
- 0351 *Beinum, G. van*
 ECOLOGIE EN ONTWIKKELING: EEN STUDIE NAAR DE ROL VAN ECOLOGISCHE DEGRADATIE BINNEN HET ONTWIKKELINGS PROCES, MET ALS VOORBEELD DE BINNENDELTA VAN DE NIGER IN MALI
 Lang.: dut. Utrecht, The Netherlands: Rijksuniversiteit Utrecht. Jan. 1986. Series title: Diskussiestukken van de Vakgroep Sociale Geografie van Ontwikkelingslanden. Vol.34:p.49-52
 Descriptor: ecology * environmental degradation * desertification
 Geographical descriptor: Africa * Niger * Mali
- 0352 *Belgium, Faculte des Sciences Agronomiques de l'Etat*
 COLLOQUE INTERNATIONAL: DEVELOPPEMENT AGRICOLE ET CONSERVATION DU PATRIMOINE NATUREL DANS LES PAYS DU TIERS-MONDE. THEME 1. DESERTIFICATION. THEME 2. DEGRADATION DE L'ENVIRONNEMENT ET DU SOL (International Colloquium: Agricultural Development and Nature Conservation in Developing Countries. Topic 1. Desertification. Topic 2 Degradation of the Environment and of Soils)
 Meeting or Conf.: Colloque International: Developpement Agricole du Patrimoine Naturel dans les Pays du Tiers-Monde, Gembloux, Belgium, 9-11 Oct. 1985
 Lang.: fre. Gembloux, Belgium: FSAE Gembloux. 1985. Series title: Bulletin des Recherches Agronomiques de Gembloux, Belgium. Vol.20(3-4,pt.1). 683p. ISSN 0435-2033
 Descriptor: agricultural development * developing countries * land use * desertification * environmental impact * environmental protection * economic geography * natural disasters * resource allocation * resource development
- 0353 *Bellair, P*
 LES SABLES DE LA DORSALE SAHARIENNE ET DU BASSIN DE L'OUED RHIR
 Lang.: fre. 1940. Series title: Service de la Carte d'Algerie. Bulletin (Alger). Ser.3, Bulletin 5. 80p
 Descriptor: sand * basins * wadi
 Geographical descriptor: Algeria * Sahara * Africa
- 0354 *Bellair, P*
 LES SABLES DU SOUF (ALGERIE)
 Lang.: fre. Algeria: Societe Geologique de France. 1940. Series title: Societe Geologique de France. Compte Rendu Sommaire. vol.15:p.75-77
 Descriptor: sand
 Geographical descriptor: Algeria * Africa
- 0355 *Bellair, P*
 SABLES DESERTIQUES ET MORPHOLOGIE EOLIENNE
 Meeting or Conf.: International Geological Congress, 18th, 1952
 Lang.: fre. 1953. Series title: Comptes Rendus. Vol.7:p.113-118
 Descriptor: eolian soils * sand
- 0356 *Bellair, P*
 SUR LA COMPOSITION MINERALOGIQUE DES SABLES DU GRAND ERG OCCIDENTAL
 Lang.: fre. Societe Geologique de France. 1939. Series title: Societe Geologique de France. Comptes Rendus. Vol.14:p.212-213
 Descriptor: sand * mineralogy * physico-chemical properties of soils * ergs
 Geographical descriptor: Algeria * Africa
- 0357 *Belolipskiy, V.A*
 WIND EROSION CHARACTERISTICS IN THE PERSKI-KUMSKAYASEMI-DESERT
 Lang.: eng. 1974. Series title: Problems of Desert Development. Vol.2:p.47-53. Note: Translated from: Problemy Osvoeniya Pustyn
 Descriptor: semideserts * wind erosion * deserts
 Geographical descriptor: Perski Kumskaya Desert * USSR
- 0358 *Beltran, J. M*
 DRAINAGE AND RECLAMATION OF SALT-AFFECTED SOILS: BARDENAS AREA, SPAIN
 Lang.: eng. Wageningen, The Netherlands: International Institute for Land Reclamation and Improvement. 1978. Series title: IILRI Publication. No.24. x, 321p
 Descriptor: drainage * land reclamation * geology * geomorphology * climate * irrigation * dry farming * groundwater * water management * land management * soil maps * cartography * saline soils * soil surveys * salinization * desertification control * erosion control
 Geographical descriptor: Spain * Bardenas Area
- 0359 *Ben Arieh, Y*
 THE CHANGING LANDSCAPE OF THE CENTRAL JORDAN VALLEY
 Lang.: eng. 1968. Series title: Scripta Hierosolymitana. Vol.15(3):p.1-131
 Descriptor: environmental surveys * landscape assessment
 Geographical descriptor: Middle East * Jordan Valley * Israel
- 0360 *Ben Salem, B*
 LE ROLE DES ARBRES DANS LE DEVELOPPEMENT AGRICOLE DU SAHEL. (The Role of Trees in Agricultural Development in the Sahel)
 Meeting or Conf.: Reunion Internationale sur la Deforestation, la Secheresse et le Deficit Alimentaire avec Reference Particuliere aux Zones Sub-sahariennes, Palermo, Italy, Mai 29-31, 1986
 Lang.: fre. Rome: Food and Agriculture Organization. 1986. 7p
 Descriptor: desertification * microclimatology * agricultural development * soil fertility * fuelwood * energy sources * environmental impact * forest products * natural disasters * natural resources * roundwood * site factors * wood products
 Geographical descriptor: Sahel * Africa

- 0361 **Ben Salem, B**
RESTORING ARID ENVIRONMENTS: A REPORT ON THE
FAO EXPERT CONSULTATION ON THE ROLE OF
FORESTRY IN COMBATING DESERTIFICATION
Meeting or Conf.: FAO Expert Consultation on the Role of
Forestry in Combating Desertification, Saltillo, Mexico, Jun.
16-28, 1985
Lang.: eng. 1986. Series title: *Unasylva*. Vol.38(153):p.46-47.
Note: Also in Spanish, French
Descriptor: desertification control * arid land * afforestation *
erosion control * forestry practices
- 0362 **Ben Zvi, M.; Ben Zvi, A**
PROBABILITY DISTRIBUTION OF FLOW EVENTS IN THE
NEGEV AREA OF ISRAEL
Lang.: eng. 1971. Series title: *Journal of Hydrology*.
Vol.14(3-4):p.348-353
Descriptor: water flow * probability * runoff
Geographical descriptor: Israel * Negev * Middle East
- 0363 **Bender, F.; Barnert, D**
INTERPRETATION OF SATELLITE IMAGES OF THE
REPUBLIC OF NIGER
Lang.: eng. Hanover, FRG: Bundesanstalt fuer
Geowissenschaften und Rohstoffe. Apr. 20, 1979. Series title:
BMZ Project Report, 7521373. p.1-124. Note: Translated from:
Interpretation d'Images de Satellite en Republique du Niger
Descriptor: deserts * land use * mapping * photogeology *
photointerpretation * soil science * vegetation * Landsat *
satellites * multispectral band scanners
Geographical descriptor: Africa * Niger
- 0364 **Bene, J.G.; Beall, H.W.; Cote, A**
TREES, FOOD, AND PEOPLE: LAND MANAGEMENT IN
THE TROPICS
Lang.: eng. Ottawa, Canada: International Development
Research Centre. 1977. 52p
Descriptor: desertification * trees * afforestation * timber
management * forest management * tropics * crop production
- 0365 **Bennett, A**
DISTRIBUCION DE LAS AGUAS DEL RIO ELQUI Y SUS
AFLUENTES POR LA SEQUIA 1968-1969 (Streamflow of the
Elqui River and its Affluents During the 1968-1969 Drought)
Lang.: spa. Rio Coquimbo, Chile: Junta Vigilancia. 1968. 20p
Descriptor: drought * rivers * streamflow
Geographical descriptor: Elqui River * Chile * South America
- 0366 **Bennett, H.H.; Chapline, W.R**
SOIL EROSION, A NATIONAL MENACE
Lang.: eng. 1928. Series title: U.S. Dept. of Agriculture.
Circular. 33. 36p
Descriptor: soil erosion * erosion control * land management *
soil conservation * soil stabilization * soil management *
watershed management * flood control * range management *
grazing * fire effects * gully erosion * floods * mining
- 0367 **Bente, P.F**
THE FOOD-PEOPLE PROBLEM: CAN THE LAND'S
CAPACITY TO PRODUCE FOOD BE SUSTAINED?
Meeting or Conf.: United Nations Conferences on Water and
Desertification
Lang.: eng. United States Council on Environmental Quality.
1977. 25p
Descriptor: soil degradation * deforestation * overgrazing *
overcultivation * nutrient loss * desertification control * erosion
control * demography * water management * land management
- 0368 **Bentley, H.L**
CATTLE RANGES OF THE SOUTHWEST. A HISTORY OF
THE EXHAUSTION OF THE PASTURAGE AND
SUGGESTIONS FOR ITS RESTORATION
Lang.: eng. 1898. Series title: U.S. Dept. of Agriculture.
Farmers Bulletin. Vol.72:p.1-32
Descriptor: rangelands * history * range management * grazing
* livestock * grasses * carrying capacity * drought * *Lepus* *
Opuntia * shrubs * sowing * forage supply * forage * vegetation
change
Geographical descriptor: Southwestern U.S. * Texas
- 0369 **Berg, A**
STUDY OF THE SPOT SIMULATIONS OVER WEST AFRICA
Meeting or Conf.: Proceedings of the 18th International
Symposium on Remote Sensing of Environment, Paris, France,
Oct. 1-5, 1984
Lang.: eng. Ann Arbor, MI: Environmental Research Institute
of Michigan. 1984. p.17-25
Descriptor: spot simulations * remote sensing * environmental
monitoring
Geographical descriptor: Africa * West Africa
- 0370 **Berg, E.; Berg, A.G.; Lundell, M**
ABSORPTIVE CAPACITY IN THE SAHEL COUNTRIES
Lang.: eng. Alexandria, VA: Elliot Berg Associates. Apr.
1983. 133p
Descriptor: population pressure * water use * arid land
Geographical descriptor: Africa * Sahel
- 0371 **Berger, A**
SECHERESSE ET DESERTIFICATION AU SAHEL ET EN
ETHIOPIE, PHENOMENE NATUREL OU
ANTHROPIQUE (Drought and Desertification in the Sahel and
Ethiopia, Natural or Manmade Phenomena)
Lang.: fre. 1987. Series title: *Revue des Questions
Scientifiques*. Vol.158(2):p.133-172. ISSN 0035-2610. Note:
Summary language: English
Descriptor: desertification * climatic change * drought * arid
land * environmental impact * climatic zones * natural disasters
* site factors
Geographical descriptor: Sahel * Ethiopia * Africa
- 0372 **Bergeron, T**
POSSIBLE MAN-MADE GREAT-SCALE MODIFICATIONS
OF PRECIPITATION CLIMATE IN SUDAN
Lang.: eng. 1969. Series title: *Meteorologiska Institutionen,
Uppsala, Meddelelser*. Vol.75:p.399-401
Descriptor: atmospheric precipitation * climatic change *
environmental impact
Geographical descriptor: Sudan * Africa
- 0373 **Bergmann, J.F**
SOIL SALINIZATION AND WELSH SETTLEMENT IN
CHUBUT, ARGENTINA
Lang.: eng. 1971. Series title: *Cahiers de Geographie de
Quebec*. Vol.35:p.361-369
Descriptor: irrigation practices * saline soils * arid land *
drainage * social aspects * crop response * canals * seepage *
groundwater * dams
Geographical descriptor: Argentina * South America
- 0374 **Berkofsky, L**
A HEURISTIC INVESTIGATION TO EVALUATE THE
FEASIBILITY OF DEVELOPING A DESERT BUST
PREDICTION MODEL
Lang.: eng. Dec 1982. Series title: *Monthly Weather Review*.
Vol.110(12):p.2055-2062
Descriptor: deserts * prediction * models * meteorology
- 0375 **Berkofsky, L**
DESERTIFICATION
Lang.: eng. New York: McGraw Hill. 1979. Note: (In)
Yearbook of Science and Technology
Descriptor: desertification
- 0376 **Berkofsky, L**
EXPLOITATION AND DEVELOPMENT STRATEGIES OF
AGRICULTURAL RESOURCES IN ARID AND SEMIARID
REGIONS OF ISRAEL
Meeting or Conf.: International Conference on Exploitation and
Development Strategies of Agricultural Resources in Arid and
Semi-arid Regions, Palermo, Sicily, June 9-11, 1988
Lang.: eng. Note: Unpublished paper presented at conference
Descriptor: arid land * semi-arid land * agricultural resources *
agricultural development
Geographical descriptor: Israel * Middle East

- 0377 **Berkofsky, L**
PROBLEM OF WINDEROSION ARISING IN A MESOSCALE PREDICTION MODEL
 Meeting or Conf.: Short and Medium Range Numerical Weather Prediction, WMO/IUGG NWP Symposium, Papers, Tokyo, Japan, Aug. 4-8, 1986
 Lang.: eng. Note: Unpublished paper presented at symposium
Descriptor: wind erosion * mesoscale prediction model * models
- 0378 **Berkofsky, L**
RAINFALL PATTERNS IN THE DESERT
 Lang.: eng. Geneva, Switzerland: Institute for Desert Research. World Climate Programme. 1983. 85p
Descriptor: climatology * deserts * meteorology * rain * desertification * mathematical models * meteorological radar * prediction analysis techniques * radar data * rain gauges * remote sensing * statistical analysis * weather forecasting * weather modification
- 0379 **Berkofsky, L**
THE EFFECT OF VARIABLE SURFACE ALBEDO ON THE ATMOSPHERIC CIRCULATION IN DESERT REGIONS
 Lang.: eng. Nov 1976. Series title: *Journal of Applied Meteorology*. Vol.15(11)
Descriptor: deserts * atmospheric circulation * meteorology * surface albedo
- 0380 **Berkofsky, L**
WEATHER MODIFICATION IN ARID REGIONS: THE ISRAELI EXPERIENCE
 Lang.: eng. Aug.-Oct. 1986. Series title: *Climatic Change*. Vol.9(1-2):p.103
Descriptor: weather * climatic change * arid land
Geographical descriptor: Israel * Middle East
- 0381 **Berkofsky, L. (ed.); Faiman, D. (ed.); Gale, J. (ed.)**
SETTLING THE DESERT
 Lang.: eng. Sede Boger, Israel: Jacob Blaustein Institute for Desert Research. 1981. xvi, 274p
Descriptor: deserts * agricultural production * agricultural development * technology * plant production * desert plants * aquifers * solar energy * economic development * pastoralism * nomads
Geographical descriptor: Israel * Middle East
- 0382 **Bermann, R.A**
HISTORIC PROBLEMS OF THE LIBYAN DESERT
 Lang.: eng. 1934. Series title: *Geographical Journal*. Vol.83(6):p.456-470
Descriptor: history * archaeology
Geographical descriptor: Libya * Libyan Desert * Egypt * Africa * Sudan * Jebel Uweinat
- 0383 **Bernard, F.E**
PLANNING AND ENVIRONMENTAL RISK IN THE KENYAN DRYLANDS
 Lang.: eng. 1985. Series title: *Geographical Review*. Vol.75(1):p.58-70
Descriptor: population pressure * arid land * desertification
Geographical descriptor: Kenya * Africa
- 0384 **Bernstein, L**
RESEARCH ON PLANT/WATER RELATIONSHIPS AND ON SALINITY OF THE WATER SUPPLY FOR IRRIGATION: REPORT TO THE GOVERNMENT OF ISRAEL
 Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1963. Series title: *EPTA Report*. No.1676. 11p
Descriptor: plant water relationships * salinity * water supply * irrigation water * salt tolerance
Geographical descriptor: Israel * Middle East
- 0385 **Bernus, E**
DESERTIFICATION IN THE EGHAZER AND AZAWAK REGION: CASE STUDY PRESENTED BY THE GOVERNMENT OF NIGER
 Lang.: eng. Paris, France: UNESCO. 1980. p.115-146. Note: (In) *Case Studies on Desertification* by J.A. Mabbutt and C. Floret (eds.), 279p
Descriptor: case studies * soil fertility * desertification
Geographical descriptor: Niger * Africa
- 0386 **Bernus, E**
DROUGHT IN NIGER REPUBLIC
 Lang.: fre. 1973. Series title: *Savanna*. Vol.2(2):p.129-132
Descriptor: economic impact * drought * transhumance
Geographical descriptor: Niger * Africa
- 0387 **Bernus, E.; Bernus, S**
DU SEL ET DES DATTES Introduction a l'etude de la communaute d'in gall et de tegidda-n-tesemt
 Lang.: fre. Niamey, Niger: Centre Nigerien de Recherches en Sciences Humaines. 1972. Series title: *Centre Nigerien de Recherches en Sciences Humaines. Etudes Nigeriennes*. Vol.3. 128p
Descriptor: settlements * economics * dates * salts * nomads * agriculture * drought * social aspects * economic impact
Geographical descriptor: Africa * Niger
- 0388 **Bernus, E**
GEOGRAPHIE HUMAINE DE LA ZONE SAHELIE NNE
 Lang.: fre. Paris: UNESCO. 1974. Series title: *Note technique du MAB*. No.1:p.67-73. Note: (In) *Le Sahel: Bases Ecologiques de l'Aménagement (The Sahel: Ecological Approaches to Land Use)*
Descriptor: drought * geography * humans * environmental impact * ecology
Geographical descriptor: Sahel * Africa
- 0389 **Bernus, E**
L'EVOLUTION RECENTE DES RELATIONS ENTRE ELEVEURSET AGRICULTEURSEN AFRIQUE TROPICALE: L'EXEMPLE DU SAHEL NIGERIE N
 Lang.: fre. Paris: Office de la Recherche Scientifique et Technique Outre-Mer. 1974. Series title: *Serie Sciences Humaines, Cahiers*. Vol.11(2):p.137-143
Descriptor: livestock * transhumance * agriculture * human activity * economic development * environmental effects
Geographical descriptor: Niger * Africa * Sahel
- 0390 **Bernus, E**
LES ILLABAKAN(NIGER), UNE TRIBU TOUAREGUE ET SON AIRE DE NOMADISATION
 Lang.: fre. Paris: Office de la Recherche Scientifique et Technique Outre-Mer. 1974. Series title: *Atlas des Structures Agraires Au Sud du Sahara*. Vol.10. 116p
Descriptor: pastoralism * livestock * aridity * nomads * social organization * migration
Geographical descriptor: Sahel * Africa * Niger
- 0391 **Bernus, E.; Savonnet, G**
LES PROBLEMES DE LA SECHERESSE DANS L'AFRIQUE DE L'OUEST
 Lang.: fre. 1973. Series title: *Presence Africaine*. Vol.88(4):p.119-138
Descriptor: drought * dry season * wet seasons * climatology * human activity * environmental impact
Geographical descriptor: Africa * West Africa
- 0392 **Bernus, E**
NIGER: THE EGHAZER AND AZAWAK REGION. CASE STUDY ON DESERTIFICATION
 Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
 Lang.: eng. 1977. 21p
Descriptor: case studies * desertification * drought * rainfall reliability * pastoralism * livestock * settlements * forage supply
Geographical descriptor: Africa * Eghazer Region * Azawak Region * Niger * Sahel
- 0393 **Bernus, E**
POSSIBILITES ET LIMITES DE LA POLITIQUE D'HYDRAULIQUE PASTORALE DANS LE SAHEL NIGERIE N
 Lang.: fre. Paris: Office de la Recherche Scientifique et Technique Outre-Mer. 1974. Series title: *Office de la Recherche et Technique Outre-Mer Serie Sciences Humaines Cahiers*. Vol.11(2):p.119-129
Descriptor: pastures * range management * hydrology * water extraction * livestock * law * overgrazing * social aspects
Geographical descriptor: Africa * Niger

- 0394 *Bernus, E*
POSSIBILITIES AND LIMITS OF PASTORAL WATERING PLANS IN THE NIGERIAN SAHEL
 Lang.: eng. Rome: Food and Agriculture Organization. Human Resources and Institutions Division. 1972. 13p. Note: (In) FAO Expert Consultation on the Settlement of Nomads in Africa and the Near East, Cairo, Dec. 1971, Report
Descriptor: water supply * pastoralism * settlements * nomads * livestock * water holes
Geographical descriptor: Nigeria * Africa * Sahel
- 0395 *Bernus, E*
TOUAREGS NIGERIENS: UNITE CULTURELLE ET DIVERSITE REGIONALE D'UN PEUPLE PASTEUR (Nigerien Twaregs: cultural unity and regional diversity of a pastoral people)
 Lang.: fre. 1981. Series title: Memoires de l'ORSTOM. 94. 508p
Descriptor: nomads * cultural geography * pastoralism * Twaregs
Geographical descriptor: Niger * Africa
- 0396 *Berry, L*
United Nations Sudano Sahelian Office
ASSESSMENT OF DESERTIFICATION IN THE SUDANO-SAHELIAN REGION, 1977-1984
 Lang.: eng. United Nations Sudano Sahelian Office. 1983. xx, 146p
Descriptor: environmental impact * soil degradation * economic development * demography * natural resources * climate agricultural technology * agricultural production * rangelands
Geographical descriptor: Sub-Saharan Region * Africa
- 0397 *Berry, L.; Steward, S.; Gray, A. L.; et al*
ASSESSMENT OF PROGRESS IN THE IMPLEMENTATION OF THE PLAN OF ACTION TO COMBAT DESERTIFICATION IN THE SUDANO SAHELIAN REGION, 1977-1984
 Lang.: eng. New York: United Nations Sudano Sahelian Office. 1983. xiii, 171p
Descriptor: desertification control * erosion control * economic development * demography * climate * natural resources * agricultural production * agricultural technology * rangelands * environmental impact
Geographical descriptor: Sahel * Asia
- 0398 *Berry, L*
DESERTIFICATION IN THE SUDAN-SAHELIAN ZONE: THE FIRST YEARS SINCE THE 1977 DESERTIFICATION CONFERENCE
 Meeting or Conf.: African Development Bank. Annual Meeting Symposium, Abidjan
 Lang.: eng. [Abidjan?]: African Development Bank. 1985. 25p
Descriptor: desertification control * erosion control * irrigation * land management * water use * environmental conservation * demography * food production * water management * environmental degradation
Geographical descriptor: Africa
- 0399 *Berry, L*
DESERTIFICATION IN THE SUDAN-SAHELIAN ZONE: THE FIRST YEARS SINCE THE 1977 DESERTIFICATION CONFERENCE
 Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
 Lang.: eng. Boulder, CO: Westview Press. 1988. p.577-582. Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R.G. Varady (eds.), 1435p
Descriptor: desertification
Geographical descriptor: Sudan * Sahel * Africa
- 0400 *Berry, L*
DESERTIFICATION: PROBLEMS OF RESTORING PRODUCTIVITY IN DRY AREAS IN AFRICA
 Meeting or Conf.: African Development Bank. Annual Meeting Symposium, Abidjan
 Lang.: eng. [Abidjan?]: African Development Bank. 1985. 25p
Descriptor: desertification control * erosion control * irrigation * land management * water use * environmental conservation * demography * food production * water management * environmental degradation
Geographical descriptor: Africa
- 0401 *Berry, L*
EVALUATION DE LA DESERTIFICATION DANS LA REGION SOUDANO-SAHELIENNE 1978-1984
 Lang.: fre. [New York?]: Bureau des Nations Unies pour la region Soudano-Sahelienne. 1984. xvi, 122p
Descriptor: environmental impact * climate * demography * economic development * natural resources * agricultural production * agricultural development * technology * desertification control * erosion control * irrigation
Geographical descriptor: Sahel * Africa
- 0402 *Berry, L.; et al*
HUMAN ADJUSTMENT TO AGRICULTURAL DROUGHT IN TANZANIA: PILOT INVESTIGATIONS
 Lang.: eng. University of Dar es Salaam. Bureau of Resource Assessment and Land Use Planning. 1971. Series title: Research Paper. 19
Descriptor: drought * social aspects * human activity * hazards
Geographical descriptor: Tanzania * Africa
- 0403 *Berry, L.; Ford, R. B*
NETWORKS AND INFORMATION SYSTEMS FOR DEALING WITH DROUGHT
 Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
 Lang.: eng. Worcester, MA: Botswana Society. Clark University Press. 1979. p.165-172
Descriptor: drought * information services * planning * regional surveys * environmental monitoring * natural resources
Geographical descriptor: Botswana * Africa
- 0404 *Berry, L.; Ford, R. B*
RECOMMENDATIONS FOR A SYSTEM TO MONITOR CRITICAL INDICATORS IN AREAS PRONE TO DESERTIFICATION
 Lang.: eng. Worcester, MA: Clark University, Program for International Development. 1977. Note: Various paging
Descriptor: desertification * monitoring * remote sensing * regional surveys * desertification indicators * dust storms * rainfall * soil erosion * salinity * productivity * social aspects
- 0405 *Berry, L.; Townshend, J*
SOIL CONSERVATION POLICIES IN THE SEMI-ARID REGIONS OF TANZANIA. A HISTORICAL PERSPECTIVE
 Lang.: eng. 1972. Series title: Geografiska Annaler. Vol. 45A. p.241. Note: (In) Studies of Soil Erosion and Sedimentation in Tanzania by A. Rapp, L. Barry, and P.H. Temple (eds.)
Descriptor: soil erosion * sedimentation * history * soil conservation
Geographical descriptor: Tanzania * Africa
- 0406 *Berry, L*
THE SAHEL: CLIMATE AND SOILS
 Lang.: eng. Paris, France: UNESCO. 1975. Series title: MAB Technical Note. 1: p.9-17. p.9-17. Note: (In) The Sahel: Ecological Approach to Land Use
Descriptor: climate * soil types
Geographical descriptor: Sahel * Africa

- 0407 **Berry, L.; Campbell, D.J.; Emker, I**
TRENDS IN MAN-LAND INTERACTION IN THE WEST AFRICAN SAHEL
Lang.: eng. London, U.K.: International African Institute. 1977. Series title: Environment Special Report. 6. p.83-91.
Note: (In) Drought in Africa: 2 by D. Dalby, R.J. Harrison Church and F. Bezzaz (eds.), 200p
Descriptor: migration * social aspects * pastoralism * nomads * drought * denudation * human population * land use
Geographical descriptor: Sahel * Niger * West Africa * Africa
- 0408 **Berry, R.W.; Mascarenhas, O.; Steward, S**
EASTERN AFRICAN COUNTRY PROFILES: THE UNITED REPUBLIC OF TANZANIA: Revised edition
Lang.: eng. Worcester, MA: Clark University. International Development Programme. Series title: Eastern Africa Country Profiles. 147p
Descriptor: economic development * industrial development * demography * human health * social services * housing and shelter * transport * ecosystems
Geographical descriptor: Tanzania * Africa
- 0409 **Berry, R.W.; Brophy, G.P.; Wagash, A**
MINERALOGY OF THE SUSPENDED SEDIMENT IN THE TIGRIS, EUPHRATES, AND SHATT-AL-ARAB RIVERS OF IRAQ, AND THE RECENT HISTORY OF THE MESOPOTAMIAN PLAIN
Lang.: eng. 1970. Series title: Journal of Sedimentary Petrology. Vol.40(1):p.131-139
Descriptor: mineralogy * sediments * clay * clay minerals * sedimentation * Miocene epoch * plains
Geographical descriptor: Middle East * Mesopotamian Plain * Tigris River * Euphrates River * Iraq * Shatt Al-Arab River
- 0410 **Besedin, P.N.; Mirzazhanov, K.M**
RECLAMATION OF INTRA-OASES SHIFTING SANDS
Lang.: rus. 1971. Series title: Trudy. Soyuznikhi (All-Union Scientific-Research Institute of Cotton Growing). Vol.20:p.102-117
Descriptor: oases * sand * sand control * reclamation
- 0411 **Beskok, T.E**
REPORT TO THE RURAL DEVELOPMENT TASK FORCE, LIBERIA ON THE POSSIBLE CONTRIBUTIONS OF FORESTRY TO RURAL DEVELOPMENT IN LIBERIA (WITH PARTICULAR REFERENCE TO ENVIRONMENTAL ASPECTS)
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1980. ii, 30p
Descriptor: forest resources * afforestation * forests * rural development * agroforestry * silviculture * climate * water resources * desertification control * erosion control * windbreaks * sand control
Geographical descriptor: Liberia * Africa
- 0412 **Besler, H**
DER OSTJET ALS URSACHE VERSTÄRKTER ARIDITÄT IN DER SAHARA (The Eastern Jet Stream as a Cause of Aridity, Reinforced in the Sahara)
Lang.: ger. 1981. Series title: Geographische Rundschau. Vol.33(4):p.163-166. ISSN 0016-7460
Descriptor: jet stream * aridity * desertification * weather changes * weather conditions * deserts
Geographical descriptor: Sahara * Africa
- 0413 **Besler, H**
DER WIND ALS ERZEUGER VON WÜSTEN (The Wind as a Generator of Deserts)
Lang.: ger. Stuttgart, Germany: Geograph. Inst. University. 1983. Series title: Geowissenschaften in Unserer Zeit. Vol.1(4):p.109-114. ISSN 0723-0834
Descriptor: winds * deserts * desertification
- 0414 **Besler, H**
FLUVIALE UND AEOLISCHE FORMUNG ZWISCHEN SCHOTT UND ERG (Fluvial and Aeolian Processes Between Chott and Erg)
Lang.: ger. 1977. Series title: Stuttgarter Geographische Studien. Vol.91:p.19-81
Descriptor: wind action * ergs * fluvial processes * eolian soils * dunes * salts
Geographical descriptor: Africa * Tunisia * Sahara * Sebcha
- 0415 **Besler, H**
THE RESPONSE DIAGRAM: A POSSIBILITY TO PREDICT SAND MOVEMENT
Lang.: eng. 1985. Series title: Stuttgarter Geographische Studien. Vol.105:p.11-17
Descriptor: resource management * dryland * arid land * erosion * wind erosion * sandy soils * dune morphology * soil types * geomorphology * dunes
- 0416 **Besler, H**
THE TROPICAL EASTERLY JET AS A CAUSE FOR INTENSIFIED ARIDITY IN THE SAHARA
Lang.: eng. Stuttgart, Germany: University of Stuttgart. Geographic Institute. 1984. Series title: Palaeoecology of Africa and of the Surrounding Islands and Antarctica. Vol.16:p.163-173. ISSN 0078-8538
Descriptor: jet stream * aridity * weather patterns * deserts
Geographical descriptor: Africa * Sahara
- 0417 **Betanouny, K.H**
VEGETATION ALONG THE JEDDAH-MECCA ROAD: PATTERN AND PROCESS AS AFFECTED BY HUMAN IMPACT
Lang.: eng. 1979. Series title: Journal of Arid Environment. Vol.2(1):p.21-30
Descriptor: human activity * vegetation change * plant communities * phytogeography
Geographical descriptor: Saudi Arabia * Arabian Desert * Jeddah-Mecca Road * Middle East
- 0418 **Bettenay, E.; Blackmore, A.V.; Hingston, F.J**
ASPECTS OF THE HYDROLOGIC CYCLE AND RELATED SALINITY IN THE BELKA VALLEY, WESTERN AUSTRALIA
Lang.: eng. 1964. Series title: Australian Journal of Soil Research. Vol.2(2):p.187-210
Descriptor: saline soils * hydrology * clear cutting
Geographical descriptor: Western Australia * Belka Valley * Australia
- 0419 **Beudot, F**
ELEMENTS DE BIBLIOGRAPHIES SUR LA SECHERESSE AU SAHEL (Elements for a Bibliography of the Sahel Drought)
Lang.: fre. Paris: Organization for Economic Cooperation and Development, Development Centre. 1978. 145p. Note: Summary Language: English
Descriptor: bibliographies * drought * desertification
Geographical descriptor: Sahel * Africa
- 0420 **Beudot, F**
ELEMENTS DE BIBLIOGRAPHIES SUR LA SECHERESSE AU SAHEL. MISE A JOUR 4 (Elements of a Bibliography of the Sahel Drought)
Lang.: fre. Paris, France: Organization for Economic Cooperation and Development, Development Centre. 1980. 138p. Note: Summary language: English
Descriptor: development * drought * bibliographies
Geographical descriptor: Sahel * Africa
- 0421 **Beudot, F**
ELEMENTS DE BIBLIOGRAPHIES SUR LA SECHERESSE AU SAHEL. MISE A JOUR 7 (Elements of Bibliography on the desertification of the Sahel)
Lang.: fre. Paris: Organization for Economic Co-operation and Development. 1983. 97p. Note: Summary language: English
Descriptor: bibliographies * desertification
Geographical descriptor: Sahel * Africa

- 0422 *Bhadresa, R.; Moore, P.D*
DESERT SHRUBS: THE IMPLICATIONS OF POPULATION AND PATTERN STUDIES FOR THE CONSERVATION AND MANAGEMENT ZYGOPHYLLUM EURYPETERUM, ARTEMISIA HERBA-ALBA, PLANT COMMUNITIES, IRAN
Lang.: eng. London, U.K.: Academic Press. 1982. p.269-276. ISBN 0126580502. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: desert plants * shrubs * plant populations * conservation * management * Zygophyllum eurypterum * Artemisia * plant communities
Geographical descriptor: Iran * Middle East
- 0423 *Bharadwaj, O.P*
THE ARID ZONE OF INDIA AND PAKISTAN
Lang.: eng. Paris: UNESCO. 1961. Series title: Arid Zone Research. Vol.17:p.143-174. Note: (In) A History of Land Use in Arid Regions by L.D. Stamp (ed.)
Descriptor: physical geography * land use * agriculture * history * climate * climatic change * paleoclimatology
Geographical descriptor: India * Pakistan
- 0424 *Bharara, L.P*
NOTES ON THE EXPERIENCE OF DROUGHT PERCEPTION, RECOLLECTION AND PREDICTION
Lang.: eng. London, U.K.: Academic Press. 1982. p.351-361, 363-379. ISBN 0126580502. Note: (In) Desertification and Development: Dryland ecology in Social Perspective by B. Spooner and H.S. Mann, (eds.), 407p
Descriptor: drought * recollection * forecasting * arid land
- 0425 *Bharucha, F.R*
PLANT ECOLOGICAL RESEARCH ON THE ARID AND SEMIARID REGIONS OF AFGHANISTAN, INDIA, AND PAKISTAN
Lang.: eng. Bombay, India: Food and Agriculture Organization. 1952. Series title: FAO Pamphlet. No.581.5(581) B 46. 42p
Descriptor: plant ecology * arid land * semiarid lands * afforestation * flora * economic plants * botanical surveys
Geographical descriptor: Afghanistan * India * Pakistan
- 0426 *Bhavsar, P.D*
THE IMPORTANCE OF REMOTE SENSING FROM SPACE TO THE INDIAN SUBCONTINENT
Lang.: eng. July-Sept. 1983. Series title: International Journal of Remote Sensing. Vol.4:p.529-536. ISSN 0143-1161
Descriptor: remote sensing * satellite imagery * climatology * economic conditions * Landsat * satellites * photointerpretation
Geographical descriptor: Bangladesh * India
- 0427 *Bhimaya, C.P.; Ahuja, L.D*
CRITERIA FOR DETERMINING CONDITION CLASS OF RANGELANDS IN WESTERN RAJASTHAN
Lang.: eng. 1969. Series title: Annals of Arid Zone. Vol.8(1):p.73-79
Descriptor: rangelands * grasses * plant communities * plant ecology * grasslands * land classification
Geographical descriptor: Rajasthan * India
- 0428 *Bhimaya, C.P.; Kaul, R.N.; Ganguli, B.N*
SAND DUNE REHABILITATION IN WESTERN RAJASTHAN
Meeting or Conf.: World Congress of Forestry, 5th, Proceedings
Lang.: eng. 1961. p.358-363
Descriptor: dunes * reclamation * erosion control * sand
Geographical descriptor: Rajasthan * India
- 0429 *Bhimaya, C.P.; Kaul, R.N*
SOME AFFORESTATION PROBLEMS AND RESEARCH NEEDS IN RELATION TO EROSION CONTROL IN ARID AND SEMI-ARID PARTS OF RAJASTHAN
Lang.: eng. 1960. Series title: Indian Forester. Vol.86(6):p.453-468
Descriptor: arid land * semiarid lands * afforestation * erosion control
Geographical descriptor: Rajasthan * India
- 0430 *Bhimaya, C.P*
THE RAJASTHAN DESERT, AN APPRAISAL OF ITS PROBLEMS AND THE PROGRAMME FOR ITS IMMOBILIZATION
Meeting or Conf.: Symposium on Soil Erosion and its Control in the Arid and Semi-Arid Zones, Karachi, 1967, Proceedings
Lang.: eng. Karachi, Pakistan: Food and Agricultural Council. Ministry of Food and Agriculture. 1952. p.309-312
Descriptor: soil erosion * erosion control * planning
Geographical descriptor: Rajasthan * India
- 0431 *Biberson, P.; Coque, R.; Debono, F*
DECOUVERTE D'INDUSTRIES PREACHEULEENNES IN SITU DANS LES FORMATIONS DU PIEMONT DE LA MONTAGNE DE THEBES (HAUTE EGYPTTE)
Lang.: fr. 1977. Series title: Academie des Sciences. Comptes Rendus. Series D. Vol.285(4):p.303-305
Descriptor: piedmont landforms * stratigraphy * Quaternary period * alluvial land * terrain analysis
Geographical descriptor: Egypt * Nile River * Africa
- 0432 *Birand, H*
DIE VERWUESTUNG DER ARTEMISISCHEN STEPPE BEI KARAPINAR IN ZENTRAL ANATOLIEN (The Destruction of Artemisia Steppe near Karapinar in Central Anatolia)
Lang.: ger. 1970. Series title: Vegetatio. Vol.20(1-4):p.21-47
Descriptor: arid land * grazing * desertification * settlements * sheep * vegetation change * relict vegetation
Geographical descriptor: Artemisia Steppe * Anatolia * Turkey
- 0433 *Birch, B.P*
DESERTIFICATION IN EASTERN JORDAN
Lang.: eng. University of Southampton. Department of Geography. 1974. (mimeo)
Descriptor: desertification * overgrazing * irrigation practices * cultivation * history
Geographical descriptor: Jordan * Arabian Desert * Middle East
- 0434 *Birch, B.P*
RECENT DEVELOPMENTS IN AGRICULTURE-LAND AND WATER USE IN JORDAN
Lang.: eng. 1973. Series title: World Crops. Vol.25(2):p.66-76
Descriptor: land use * agriculture * irrigation programs * water utilization
Geographical descriptor: Jordan * Arabian Desert * Middle East
- 0435 *Birch, E.B*
WHY SO LITTLE PROGRESS WITH IMPROVED PASTURE?
Lang.: eng. 1972. Series title: Grassland Society of South Africa. Proceedings. Vol.7:p.56-60
Descriptor: pastures * agriculture * veld
Geographical descriptor: South Africa * Africa
- 0436 *Bird, A.R*
A STUDY OF THE FACTORS RESPONSIBLE FOR THE FLUCTUATIONS OF SHEEP NUMBERS IN THE CHARLEVILLE DISTRICT OF SOUTH-WESTERN QUEENSLAND 1939-1949
Lang.: eng. 1953. Series title: University of Queensland. Department of Agriculture. Papers. Vol.1(2):p.43-85
Descriptor: sheep * grazing
Geographical descriptor: Australia * Queensland
- 0437 *Birman, J.H*
GLACIAL RECONNAISSANCE IN TURKEY
Lang.: eng. 1968. Series title: Geological Society of America. Bulletin. Vol.79(8):p.1009-1026
Descriptor: glacial geology * geology * research
Geographical descriptor: Turkey
- 0438 *Birot, P.; Joly, F*
OBSERVATIONS SUR LES GLACIS D'EROSION ET LES RELIEFS GRANITIQUES AU MAROC
Lang.: fr. Paris: Centre National de la Recherche Scientifique. 1952. Series title: Centre de Documentation Cartographique et Geographique. Memoires et Documents. Vol.3:p.7-56
Descriptor: erosion * granite * slopes * topography
Geographical descriptor: Africa * Morocco

- 0439 *Biro, P.; Dresch, J*
PEDIMENTS ET GLACIS DANS L'OUEST DES ETATS UNIS
Lang.: fr. 1966. Series title: *Annales de Geographie*.
Vol.75(411):p.513-552
Descriptor: mountains * pediments * basins * landforms *
geomorphology * Quaternary period * geochronology * Pliocene
epoch * climatic geomorphology
Geographical descriptor: Western U.S. * Rocky Mountain
Region
- 0440 *Biro, P*
THE CYCLE OF EROSION IN DIFFERENT CLIMATES
Lang.: eng. Berkeley, CA: University of California Press.
1968. 144p
Descriptor: climatic geomorphology * geomorphology * cycles of
erosion concept * weathering * erosion * fluvial processes
- 0441 *Bishay, A. (ed.); McGinnies, W.G. (ed.)*
ADVANCES IN DESERT AND ARID LAND TECHNOLOGY
AND DEVELOPMENT
Lang.: eng. New York: Harwood Academic Pub. 1979. 618p
Descriptor: desertification * water resources * irrigation * desert
plants * energy * resources
Geographical descriptor: Egypt * Africa
- 0442 *Bisson, J*
ELEVEURS-CARAVANIERSET VIEUX SEDENTAIRES DE
L'AIR SUD-ORIENTAL (NIGER)
Lang.: fr. Institut de Recherches Sahariennes. 1964. Series
title: *Institut de Recherches Sahariennes Travaux*.
Vol.23(1-2):p.95-110
Descriptor: livestock * transhumance * settlements * social
aspects * nomads * demography
Geographical descriptor: Niger * Africa
- 0443 *Bisson, J*
EVOLUTION RECENTE DES OASIS DU GOURARA
(1952-1959). PRECISIONS SUR LE GOURARA 1962
(COMPLETENT ET RAJEUNISSENT LE PRECEDENT
OUVRAGE)
Lang.: fr. Institut de Recherches Sahariennes. 1960-1963.
Series title: *Institut de Recherches Sahariennes Travaux*.
Vol.19(1-2):p.183-194; Vol.22(1-2):p.175-181
Descriptor: oases * evolution * climatic geomorphology
Geographical descriptor: Algeria * Africa
- 0444 *Biswas, A.K*
LAND USE IN AFRICA
Lang.: eng. Oct. 1986. Series title: *Land Use Policy*.
Vol.3:p.247-259
Descriptor: land use * agriculture * crops
Geographical descriptor: Africa
- 0445 *Biswas, A.K.; Arar, A*
TREATMENT AND REUSE OF WASTEWATER
Lang.: eng. London, U.K.: Butterworths. 1988. vi, 186p
Descriptor: waste water * irrigation * water management *
sewage * case studies * water * treatment * groundwater
Geographical descriptor: Jordan * Kuwait * USA * Egypt *
Middle East
- 0446 *Biswas, A.K*
WATER DEVELOPMENT AND MANAGEMENT FOR
DESERTIFICATION CONTROL: A REVIEW OF THE PAST
DECADE
Lang.: eng. Oct. 1987. Series title: *Land Use Policy*.
Vol.4:p.401-411
Descriptor: water resources development * arid land *
desertification
- 0447 *Biswas, K.; Rao, R.S*
RAJPUTANADESERT VEGETATION
Lang.: eng. 1953. Series title: *National Institute of Sciences of
India. Proceedings*. Vol.19(3):p.411-421
Descriptor: deserts * vegetation * desert plants * plant
communities * climatic zones
Geographical descriptor: Thar Desert * Rajasthan * India
- 0448 *Biswas, M.; Biswas, A*
THE DEVASTATING COSTS OF ENVIRONMENTAL
NEGLECT: A DECADE AFTER ITS INCEPTION IN
STOCKHOLM, UNEP FACES NEW AREAS OF CONCERN
AND LESS MONEY TO TACKLE THEM
Lang.: eng. Jun. 1982. Series title: *South*. p.57-59
Descriptor: United Nations * environmental programs * arid
land * environmental aspects * tropics * water supply *
deforestation * developing countries
- 0449 *Biswas, M.R.; et al*
ENVIRONMENT IN THE 1980'S
Lang.: eng. 1982. Series title: *Mazingira*. Vol.6(3):p.2-76
Descriptor: environmental policy
- 0450 *Biswas, M.R.; Biswas, A.K*
THE GLOBAL ENVIRONMENT: PAST, PRESENT AND
FUTURE
Lang.: eng. England: Oxford University. International Society
for ecological Modelling. Mar. 1985. Series title: *Resources
Policy*. Vol.11(1):p.25(18)
Descriptor: environmental assessment * ecology * global surveys
- 0451 *Biswas, M.R. (ed.); Biswas, A.K. (ed.)*
ALTERNATIVE STRATEGIES FOR DESERT DEVELOPMENT
AND MANAGEMENT: ENERGY AND MINERALS, VOLUME
1
Meeting or Conf.: International Conference on Alternative
Strategies for Desert Development and Management,
Sacramento
Lang.: eng. New York: Pergamon Press. 1982. xxxvi, 254p
Descriptor: deserts * solar energy * wind energy * water
resources * groundwater * geothermal energy * mineral
resources * industrial development * economic development
- 0452 *Biswas, M.R. (ed.); Biswas, A.K. (ed.)*
DESERTIFICATION: ASSOCIATED CASE STUDIES
PREPARED FOR THE UNITED NATIONS CONFERENCE ON
DESERTIFICATION
Lang.: eng. New York: Pergamon Press. 1980. 523p.
ISBN 0-08-023581-6
Descriptor: desertification control * case studies * soil fertility
- 0453 *Bjerknes, J*
ESTUDIO DEL NINO BASADO EN EL ANALISIS DE LAS
TEMPERATURAS DE LA SUPERFICIE DEL OCEANO DE
1935-1957 (Study of El Nino Current Based on Water Surface
Temperatures 1935-1957)
Lang.: spa. 1961. Series title: *Compania Administradora del
Guano (Lima) Boletin*. Vol.30(9):p.8-20
Descriptor: El Nino * atmospheric circulation * water
temperature * climatology * weather patterns * seasonality *
Peru current * ocean currents
- 0454 *Blackburn, G*
SALINITY CYCLES IN AUSTRALIA, WITH SPECIAL
REFERENCE TO THE MURRAY BASIN
Meeting or Conf.: International Congress of Soil Science, 10th,
Moscow, 1974, Transactions
Lang.: eng. 1974. Vol.10:p.27-34
Descriptor: river basins * soil surveys * salinity
Geographical descriptor: Western Australia * Murray Basin *
Australia
- 0455 *Blagoveshchenskiy, E.N*
THE DRY SAVANNA OF NORTHWEST INDIA
Lang.: eng. 1968. Series title: *Soviet Geography: Review and
Translation*. Vol.9(6):p.519-537
Descriptor: savannas * plant ecology * climatic vegetal
relationships * Prosopis * soil surveys * soil types
Geographical descriptor: Rajasthan * India
- 0456 *Blake, I*
CLIMATE, SURVIVAL AND THE SECOND-CLASS
SOCIETIES IN PALESTINE BEFORE 3000 B.C
Lang.: eng. 1969. Series title: *Advancement of Science*.
Vol.25(126):p.409-421
Descriptor: arid climate * climatology * agriculture * history *
social aspects * settlements * survival * climatic change
Geographical descriptor: Palestine * Israel * Middle East

- 0457 **Blake, S.T**
THE PLANT COMMUNITIES OF WESTERN QUEENSLAND AND THEIR RELATIONSHIPS, WITH SPECIAL REFERENCE TO THE GRAZING INDUSTRY
Lang.: eng. 1937. Series title: Royal Society of Queensland. Proceedings. Vol.49:p.156-204
Descriptor: grazing effects * plant communities * vegetal relationships
Geographical descriptor: Queensland * Australia
- 0458 **Blanck, J.P**
ETUDE ECODYNAMIQUE DE LA REGION DE MARADI, NIGER. UN EXEMPLE D'APPLICATION A LA LUTTE CONTRE LA SECHERESSE (Ecodynamical Study of the Maradi Area, Niger. An Example of Application to the Struggle Against Drought)
Lang.: fr. Oct 1982. Series title: Revue Internationale d'Ecologie et de Geographie Tropicales. Vol.6(4):p.249-298. Note: Summary language: English, French
Descriptor: arid climate * soil water * desertification * soil science * hydroclimatology * geomorphology * climatology * environmental impact * natural disasters * site factors * geology
Geographical descriptor: Maradi Area * Niger * Sahel * West Africa * Africa * Francophone Africa
- 0459 **Blanck, J.P.; Cloots Hirsch, A.R**
UNITE ECOLOGIQUE EXPERIMENTALE (REGION DE MARADI). ETUDE ECODYNAMIQUE
Lang.: fr. Strasbourg: Universite Louis-Pasteur. Centre de Gerographie Appliquee. 1977. 67p
Descriptor: maps * soil maps * topographical maps * wind action * water erosion * drought * sand * dunes * Quaternary period * runoff * gully erosion * terrain analysis
Geographical descriptor: Niger * Sahel * Africa
- 0460 **Blanco, C.M**
LUCHA CONTRA LA DESERTIFICACION (Desertification Control)
Meeting or Conf.: 1. Asamblea Nacional de Investigacion Forestal, Madrid, May 18-21, 1982. V.4: El Medio Natural (1st National Meeting of Forest Research, Madrid, May 18-21, 1982. V.4: Natural Environment)
Lang.: spa. Madrid. 1982. 8p
Descriptor: desertification control * forest research * natural resources
- 0461 **Bloemer, H.L.; Needham, S.E.; Steyaert, L.T**
OPERATIONAL SATELLITE DATA ASSESSMENT FOR DROUGHT / DISASTER EARLY WARNING IN AFRICA: COMMENTS ON GIS REQUIREMENTS
Lang.: eng. Athens, OH: Ohio University. Balkema. 1986. Note: (In) Remote Sensing for Resources Development and Environmental Management. Proceedings. ISPRS Commission 7 Symposium, Enschede, 1986, Vol.2
Descriptor: satellites * satellite data assessment * drought * early warning systems
Geographical descriptor: Africa
- 0462 **Boaler, S.B.; Hodge, C.A.H**
OBSERVATIONS ON VEGETATION ARCS IN THE NORTHERN REGION, SOMALI REPUBLIC
Lang.: eng. 1964. Series title: Journal of Ecology. Vol.52:p.511-544
Descriptor: plant ecology * vegetation * phytogeography
Geographical descriptor: Somalia * Africa
- 0463 **Boaler, S.B.; Hodge, C.A.H**
VEGETATION STRIPES IN SOMALILAND
Lang.: eng. 1962. Series title: Journal of Ecology. Vol.50:p.465-474
Descriptor: strip cropping * plant ecology * vegetation * phytogeography
Geographical descriptor: Somalia * Africa
- 0464 **Bobek, H**
FEATURES AND FORMATION OF THE GREAT KAWIR AND MASILEH
Lang.: eng. 1959. Series title: University of Tehran. Arid Zone Research Center. Publication. No.2. 63p
Descriptor: desert formation * salt deserts
Geographical descriptor: Iran * Middle East * Iranian Desert * Dasht-E-Kavir * Kawir Desert * Masileh Desert
- 0465 **Bobek, H**
NATURE AND IMPLICATIONS OF QUATERNARY CLIMATIC CHANGES IN IRAN
Lang.: eng. Paris: UNESCO. 1963. Series title: Arid Zone Research. Vol.20:p.403-413
Descriptor: deserts * Quaternary period * climatic change * geomorphology * salt deserts
Geographical descriptor: Iran * Middle East
- 0466 **Bocharov, A.P**
MECHANIZATION OF PROCESSES FOR IMPROVING PASTURES IN THE SOUTH OF KAZAKHSTAN
Lang.: eng. 1970. Series title: Problems of Desert Development. No.3:p.85-89. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: pastures * plant production * mechanization
Geographical descriptor: Kazakh SSR * USSR
- 0467 **Bocharov, A.P**
PRIVORY I IKH PRIMENENIYE V ISSLEDOVANII VETROVOYEROZII (Instruments and Their Use in the Study of Wind Erosion)
Lang.: rus. Alma-Ata, Kazakh SSR: Kaynar. 1972. 96p
Descriptor: wind erosion * equipment
- 0468 **Bochert, J.R**
THE DUST BOWL IN THE 1970'S
Lang.: eng. 1971. Series title: Association of American Geographers. Annals. Vol.61(1):p.1-22
Descriptor: dust * environmental impact * drought * social aspects * agriculture
Geographical descriptor: Great Plains * Western U.S
- 0469 **Bockheim, J.G**
PROPERTIES OF A CHRONOSEQUENCE OF ULTRAXEROUS SOILS IN THE TRANS-ANTARCTIC MOUNTAINS
Lang.: eng. 1982. Series title: Geoderma. Vol.28(3-4):p.239-256
Descriptor: ultraxerous soils * soil types * mountains * soil characteristics
Geographical descriptor: Antarctica
- 0470 **Bodde, T**
QUALITY VS. QUANTITY: IS A U.S. WATER CRISIS IMMINENT?
Lang.: eng. Arlington, VA: American Institute for Biological Sciences. Bioscience. Jul. 1981. Series title: The Institute. Vol.18(8):p.485-488. ISSN 0006-3568
Descriptor: desertification * desalinization * pollution * water shortage * water supply
- 0471 **Bodini, H**
LA ANTIGUA PROVINCIA DE TARAPACACOMO REGION GEOGRAFICA Y EL ROL DE LA PAMPA DEL TAMARUGAL COMO CENTRO DE POBLAMIENTO (The Ancient Tarapaca Province as a Geographical Region and the Role of the Pampa del Tamarugal as a Center of Settlement)
Lang.: spa. 1972. Series title: Asociacion de Geografos de Chile Boletin. Vol.2(3):p.32-38
Descriptor: regional surveys * plains * settlements * agriculture
Geographical descriptor: Pampa del Tamarugal * Chile * Argentina * South America
- 0472 **Bodini, H.C.C**
VIABILITY OF SMALL-FARMER COMMUNITIES IN THE ENRIQUILLO-CUL DE SAC DEPRESSION OF HISPANIOLA
Lang.: eng. University of Tennessee. 1984. 240p. Note: Ph.D. Dissertation
Descriptor: small farms * farmers * rural area * viability
Geographical descriptor: Haiti * Dominican Republic * Caribbean * Enriquillo-Cul-de-Sac Depression

- 0473 *Boehmert, J*
AGROFORESTRY IN AGRICULTURAL EDUCATION WITH A FOCUS ON THE PRACTICAL IMPLEMENTATION
 Lang.: eng. Gaimersheim: Verlag Josef Margarf. 1988. Series title: *Tropical Agriculture*. No.2. 182p
Descriptor: agroforestry * plant products * fuelwood * energy * overgrazing * population pressure
- 0474 *Boettcher, U.; et al*
QUATERNARY SEEBILDUNGEN UND IHRE MOLLUSKEN-INHALTE IM TIBESTI-GEBIRGE UND SEINEN RANDBEREICHEN IN DER ZENTRALEN OTSAHARA
 Lang.: ger. 1972. Series title: *Zeitschrift fuer Geomorphologie*, N.S. Vol.16:p.182-234
Descriptor: Quaternary period * marine geology * Holocene epoch
Geographical descriptor: Tibesti Mountains * Chad * Africa
- 0475 *Bofah, K.K.; Owusu, Y.A*
THE EOLIAN SAND PROBLEMS ARISING FROM DESERTIFICATION
 Lang.: eng. Netherlands: University of Pet. Miner. Res. Inst. 1986. Series title: *Environmental Monitoring and Assessment*. Vol.6(3):p.283-290. ill. ISSN 0167-6369
Descriptor: desertification * wind erosion * environmental assessment * monitoring * eolian sands * erosion * soil formation
- 0476 *Bois, P*
LAS LLUVIAS ANUALES EN CHILE, ANALISIS ESTADISTICO (Annual Rainfall in Chile, Statistical Analysis)
 Lang.: spa. Santiago: Universidad Catolica de Chile, Departamento de Obras Hidraulicas. 1969. 52p
Descriptor: rainfall * analytical methods * weather data * weather stations
Geographical descriptor: Chile * South America
- 0477 *Bond, H.G*
THE 1951-1952 DROUGHT IN NORTHERN TERRITORY, AUSTRALIA
 Lang.: eng. 1955. Series title: *Weather*. Vol.10(1):p.3-12
Descriptor: drought * weather data
Geographical descriptor: Northern Territory * Australia
- 0478 *Bonfils, C.G.; et al*
SUELOS Y EROSION EN LA REGION PAMPEANA SEMIARIDA (Soils and Erosion in the Semiarid Pampa)
 Lang.: spa. 1959. Series title: *Revista de Investigaciones Agricolas (Buenos Aires)*. Vol.13(4):p.322-396
Descriptor: soil erosion * soil surveys * erosion * plains * semiarid lands
Geographical descriptor: Pampa Region * Argentina * South America
- 0479 *Bonkoungou, E*
CONTRIBUTION DE LA RECHERCHE FORESTIERE A LA LUTTE CONTRE LA DESERTIFICATION AU SAHEL: BILAN ET PERSPECTIVES (Contribution of Forestry Research to the Control of Desertification in the Sahel: Results and Prospects)
 Lang.: fre. Jan-Mar 1986. Series title: *Bois de Feu. Informations*. No.16:p.12-13. ISSN 0766-5474
Descriptor: desertification control * forestry development * forest research * economic sectors * natural disasters * primary sector
Geographical descriptor: Sahel * Africa
- 0480 *Boodi, M. de*
LONG DISTANCE WATER TRANSFER AND ITS POSSIBILITIES FOR FIGHTING DESERTIFICATION
 Lang.: eng. 1987. Series title: *Water Supply*. Vol.5(1):p.179-188
Descriptor: desertification control * water supply * hydraulic engineering * water transfer
Geographical descriptor: Sahel * Africa
- 0481 *Booth, G.A*
ASSESSMENT OF RESTOCKING OF THE GUM BELT FOR DESERTIFICATION CONTROL, PHASE 1
 Lang.: eng. Rome: Food and Agriculture Organization. 1985. FAO-FO-SUD/84/001. 27p
Descriptor: Acacia * erosion control * desertification control * gums * production potential * plant nurseries * forest plantations * economic plants * fodder crops * feed legumes * industrial crops * Leguminosae * Mimosoideae * natural disasters * plant production * shelterbelts * vegetation
Geographical descriptor: Gum Belt * Sudan * Anglophone Africa * Africa
- 0482 *Bootsman, C.S.; Schmidt, C.F*
A SPATIAL ANALOGUE MODEL OF POTENTIAL DESERTIFICATION IN SWAZILAND
 Lang.: eng. Note: Unpublished paper. Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: climate * rainfall * water management
Geographical descriptor: Swaziland * Africa
- 0483 *Born, M*
LA ENDERSCHLIESSUNG DURCH BAUERLICHE GRUPPEN UND NOMADEN ZWISCHEN NIL UND ROTEM MEER
 Lang.: ger. 1976. Series title: *Goettinger Geographische Abhandlungen*. Vol.66:p.211-219
Descriptor: pastoralism * desertification * livestock * nomads * settlements * drought
Geographical descriptor: Red Sea * Nile River * Egypt * Africa
- 0484 *Borovskiy, V.M*
SOIL SALINIZATION FACTORS IN TURAN VALLEY IRRIGATION
 Lang.: eng. 1975. Series title: *Akademi Nauk SSR, Izvestiya Seriya Biologicheskaya (Kazakh SSR)*. Vol.4:p.1-18
Descriptor: saline soils * salinization * irrigation effects
Geographical descriptor: Turan Valley * Kazakh SSR * USSR
- 0485 *Borovsky, V.M*
THE DRYING OUT OF THE ARAL SEA AND ITS CONSEQUENCES
 Lang.: eng. 1980. Series title: *Soviet Geography: Review and Translation*. Vol.21(2):p.63-77. Note: Translated from: *Akademiia Nauk SSSR, Izvestiya Seriya Geograficheskaya*, 1978, No.5:p.35-44
Descriptor: desertification * environmental impact
Geographical descriptor: USSR * Aral Sea
- 0486 *Borowka, R.K*
PRESENT DAY DUNE PROCESSES AND DUNE MORPHOLOGY ON THE LEBA BARRIER, POLISH COAST OF THE BALTIC
 Lang.: eng. Stockholm, Sweden. 1980. Series title: *Geografiska Annaler. Physical Geography*. Series A. Vol.62(1-2):p.75-82
Descriptor: dune morphology * dunes * geomorphology
Geographical descriptor: Leba Barrier * Poland * Baltic Sea
- 0487 *Bosazza, V.L.; Adie, R.J.; Brenner, S*
MAN AND THE GREAT KALAHARI DESERT
 Lang.: eng. 1946. Series title: *Natal University. College Scientific Society. Journal*. Vol.5:p.1-9
Descriptor: sheet erosion * erosion * floods * rainfall * deserts * desertification * loess * bioclimatology
Geographical descriptor: Kalahari Desert * Botswana * Africa
- 0488 *Bosch, O.J.H.; Brendenkamp, G.J*
DEGRADATION OF THE SEMI-ARID GRASSLANDS IN SOUTHERN AFRICA WITH SPECIAL REFERENCE TO THE EFFECTS OF MANAGEMENT
 Meeting or Conf.: International Botanical Congress 14th, Berlin, West Germany, July 24-Aug. 1, 1987
 Lang.: eng. Potchefstroom, Republic South Africa: Potchefstroom University. Department of Botany. 1987. Vol.17, 398p
Descriptor: land degradation * semiarid lands * grasslands * range management
Geographical descriptor: Africa * Southern Africa

- 0489 *Boudet, G*
DESERTIFICATION DE L'AFRIQUE TROPICALE SECHE
Meeting or Conf.: Symposium on Drought in Africa, July 19-20, 1973
Lang.: fr. 1973. Series title: *Adansonia*. Vol.12(4):p.505-524.
Note: Paper presented at conference; (Also in) Drought in Africa by D. Dalby and R.J. Harrison Church (eds.), 124p
Descriptor: aid * desertification * arid land * wind erosion * sheet erosion * weather data * drought * vegetation * livestock * animal damage * grazing
Geographical descriptor: Sahel * Africa
- 0490 *Boudet, G.; Delpiano, P.G.; Abdallah, A*
EMASAR PHASE II: VOLUME VIII. SUDAN, PROPOSALS FOR GRAZING LAND DEVELOPMENT
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1978. iii, 41p
Descriptor: rangelands * grasslands * grazing * land management * forage production * crops
Geographical descriptor: Sudan * Africa
- 0491 *Boudet, G*
L'AGROPASTORALISME EN MAURITANIE PERSPECTIVES DE RECHERCHES (Agropastoralism in Mauritania. Research Trends.)
Meeting or Conf.: Rapport de Mission d'Appui Groupement d'Etudes et de Recherches pour le Developpement de l'Agronomie Tropicale au Centre National d'Elevage et de Recherches Veterinaires (CVERN) du 22 fevrier au 18 mars 1983
Lang.: fr. Maisons-Alfort, France: Institut d'Elevage et de Medecine Veterinaire des Pays Tropicaux. 1983. 55p
Descriptor: pastures * desertification * grassland management * erosion control * agrostology * pastures * natural disasters * production factors
Geographical descriptor: Mauritania * Francophone Africa * Africa
- 0492 *Boudet, G*
MALI (REGIONAL STUDIES AND PROPOSALS FOR DEVELOPMENT)
Lang.: eng. Stockholm, Sweden: Swedish Natural Science Research Council. 1976. Series title: *Ecological Bulletins/NFR*. Vol.24:p.137-153. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: regional surveys * drought * range management * desertification
Geographical descriptor: Africa * Mali
- 0493 *Boudet, G*
PASTURES AND LIVESTOCK IN ARID ZONE LANDS
Lang.: fr. 1985. Series title: *Scientific Reviews on Arid Zone Research*. Vol.3:p.201-207
Descriptor: pastures * animal production * arid land * grasslands * desertification * grassland improvement
Geographical descriptor: Africa
- 0494 *Boudet, G*
Y-A-TIL DESERTIFICATION ET ASSECHEMENT DU CLIMAT EN AFRIQUE TROPICALE SECHE? Le Facies de Vegetation a Brousse Tigree en est-il la Consequence?
Lang.: fr. Institut D'Elevage et de Medecine Veterinaire des Pays Tropicaux. 1971. 19p.: mimeo
Descriptor: phytogeography * environmental impact * drought * tropics * climate * vegetation * distribution patterns
Geographical descriptor: Sahel * Africa
- 0495 *Boughy, A.S*
MAN AND THE AFRICAN ENVIRONMENT
Lang.: eng. 1960. Series title: *Rhodesia Scientific Association. Proceedings and Transactions*. Vol.48:p.8-18
Descriptor: human activity * desertification * vegetation change * environmental impact * climatic vegetal relationships * climatic change * grasslands * grassland biome
Geographical descriptor: Africa
- 0496 *Boughton, W.C*
EFFECTS OF LAND MANAGEMENT ON QUANTITY AND QUALITY OF AVAILABLE WATER: A REVIEW
Lang.: eng. 1970. Series title: *University of New South Wales Water Research Laboratory Report*. 120. 330p
Descriptor: land management * watershed management * water supply * water quality * saturated soils * catchments * saline soils * saline water * land use * irrigation effects * dry farming * hydrology * drainage * salinity * water balance
Geographical descriptor: Australia
- 0497 *Boukhobza, M*
PASTORALISME ET PROCESSUS DE DESERTIFICATION DE LA STEPPE ALGERIENNE Pastoral Farming and Erosion in the High Plateau Steppe Lands of Algeria
Lang.: fr. 1982. Series title: *Production Pastorale et Societe*. No.10:p.64-67
Descriptor: pastoralism * grazing * erosion * desertification * soil fertility * animal husbandry
Geographical descriptor: Algeria * Africa
- 0498 *Boulos, L*
OUR PRESENT KNOWLEDGE ON THE FLORA AND VEGETATION OF LIBYA
Lang.: eng. 1972. Series title: *Webbia*. Vol.26:p.365-400
Descriptor: arid land * plant communities * flora * vegetation * phytogeography * bibliographies
Geographical descriptor: Libya * Africa
- 0499 *Boumans, J.H.; et al*
RECLAMATION OF SALT AFFECTED SOILS OF IRAQ: SOIL HYDROLOGICAL AND AGRICULTURAL STUDIES: 3rd ed
Lang.: eng. Wageningen, The Netherlands: International Institute for Land Reclamation and Improvement. 1977. Series title: *IILRI Publication*. No.11. 175p
Descriptor: reclamation * saline soils * alkaline soils * salinization * alkalization * irrigation * drainage * economic development * climate * rotations
Geographical descriptor: Iraq * Middle East
- 0500 *Bouquet, C*
LA CULTURE DU BLE DANS LES POLDERS DU LAC TCHAD
Lang.: fr. 1969. Series title: *Cahiers d'Outre-Mer*. Vol.22(86):p.203-214
Descriptor: cereals * planting management * dry farming
Geographical descriptor: Lake Chad * Chad * Africa
- 0501 *Bouquet, C*
LE DEFICIT PLUVIOMETRIQUE AU TCHAD ET SES PRINCIPALES CONSEQUENCES
Lang.: fr. 1974. Series title: *Cahiers d'Outre-Mer*. Vol.27(107):p.245-270
Descriptor: desertification * precipitation deficit
Geographical descriptor: Chad * Sahel * Africa
- 0503 *Bourn, D*
CATTLE, RAINFALL AND TSETSE IN AFRICA
Lang.: eng. 1978. Series title: *Journal of Arid Environments*. Vol.1(1):p.49-61
Descriptor: cattle * tsetse fly * rainfall * flies * carrying capacity * maps
Geographical descriptor: Africa * Ethiopia
- 0504 *Bowden, C*
THE IMPACT OF ENERGY DEVELOPMENT ON WATER RESOURCES IN ARID LANDS: LITERATURE REVIEW AND ANNOTATED BIBLIOGRAPHY
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1975. Series title: *Arid Lands Resource Information Paper*. 6. 278p
Descriptor: bibliographies * arid land * water shortage * strip mining * energy * fossil fuels * alternative fuels * geothermal energy * social aspects * water allocation policy * environmental impact * energy conversion
Geographical descriptor: Colorado River Basin * Southwestern U.S. * Great Plains

- 0505 **Bowden, L**
DEVELOPMENT OF PRESENT DRYLAND FARMING SYSTEMS
Lang.: eng. New York: Springer-Verlag. 1979. p.45-72. Note: (In) Agriculture in Semi-Arid Environments by A.E. Hall, G.H. Cannell, and H.W. Lawton, (eds.)
Descriptor: dry farming * seasonality * rainfall * steppes * semiarid climate * crop response * environmental variability
- 0506 **Bowden, M.J**
DESERTIFICATION OF THE GREAT PLAINS: WILL IT HAPPEN?
Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.397-406
Descriptor: environmental impact * desertification * productivity * agriculture * crop production
Geographical descriptor: Great Plains
- 0507 **Bowden, M.J.; Kates, R.W.; Kay, P.A.; et al**
THE EFFECT OF CLIMATE FLUCTUATIONS ON HUMAN POPULATION: TWO HYPOTHESES
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1981. Note: (In) Climate and History: Studies in past Climates and Their Impacts on Many by M. L. Wigley, et al., eds., 530p
Descriptor: climate * demography * drought * ecosystems * environmental impact
- 0508 **Bowler, J.M**
ARIDITY IN AUSTRALIA: AGE, ORIGINS, AND EXPRESSIONS IN AEOLIAN LANDFORMS AND SEDIMENTS
Lang.: eng. 1976. Series title: Earth-Science Reviews. Vol.12(213):p.279-310
Descriptor: sediments * eolian soils * paleoclimatology * Quaternary period * climatic change * aridity * glacial geology
Geographical descriptor: Australia
- 0509 **Bax, T.W**
NOMADISM AND LAND USE IN SOMALIA
Lang.: eng. 1971. Series title: Economic Development and Cultural Change. Vol.19(2):p.222-228
Descriptor: pastoralism * tenure systems * nomads * land use * livestock * grazing * water holes * rangelands
Geographical descriptor: Somalia * Africa
- 0510 **Boyadgiev, T**
ASSESSMENT OF DESERTIFICATION AND ITS APPLICATION TO THE NEAR EAST REGION
Meeting or Conf.: FAO Regional Commission on Land and Water Use in the Near East. Sess.7, Rome, Italy, 16 Mar. 1983
Lang.: ara. Rome: Food and Agriculture Organization. Sept. 1982. FAO-AGL-RNEA-LWU/83/10. 6p. Note: Also in English
Descriptor: environmental impact * desertification * assessment
Geographical descriptor: Middle East
- 0511 **Boyadgiev, T**
FAO/UNEP PROJECT ON DESERTIFICATION ASSESSMENT AND MAPPING
Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
Lang.: eng. New York: United Nations Economic and Social Council. 1981. Vol.1. 15p
Descriptor: environmental impact * project evaluation * mapping * desertification * classification
Geographical descriptor: Middle East * ECWA Region
- 0512 **Boyadzhiev, T.G**
ASSESSMENT AND MAPPING OF DESERTIFICATION PROCESSES
Lang.: eng. 1982. Series title: Problems of Desert Development. No.3:p.1-11. Note: Translated from: Problemy Osvoeniya Pustyn (1982, No.3:p.3-13)
Descriptor: soil fertility * desertification * mapping
- 0513 **Boyko, H**
ON REGENERATION PROBLEMS OF THE VEGETATION IN ARID ZONES
Lang.: eng. 1951. Series title: International Union of Biological Sciences. Colloquia. Series B. Vol.9:p.62-80
Descriptor: regeneration * revegetation * indicator plants * climatic zones * techniques
- 0514 **Bradley, P.N**
LAND WITHOUT LABOUR
Lang.: eng. 1977. Series title: Geographical Magazine. Vol.50(3):p.167-168
Descriptor: pastoralism * desertification * nomads * economic impact * social aspects * animal damage * overgrazing * drought
Geographical descriptor: Mauritania * Sahel * Africa
- 0515 **Braidwood, R.J.; Reed, C.A**
THE ACHIEVEMENT AND EARLY CONSEQUENCES OF FOOD PRODUCTION: A CONSIDERATION OF THE ARCHAEOLOGICAL AND NATURAL-HISTORICAL EVIDENCE
Meeting or Conf.: Cold Spring Harbor Symposium on Quantitative Biology
Lang.: eng. 1957. Vol.22:p.19-31
Descriptor: pastoralism * archaeology * agriculture * crop production * history * human activity * nomads * settlements * human population * environment * domestic animals
Geographical descriptor: Iraq * Middle East
- 0516 **Brazel, A.J.; Brazel, S.W**
DESERTIFICATION, DESERT DUST AND CLIMATE: ENVIRONMENTAL PROBLEMS IN ARIZONA
Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
Lang.: eng. Boulder, CO: Westview Press. 1988. p.35-42. Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R.G. Varady (eds.), 1435p
Descriptor: dust * climate * environmental surveys
Geographical descriptor: Arizona
- 0517 **Brazil. Secretaria Especial do Meio Ambiente; Brazil. Secretaria de Planejamento. Coordenadoria de Monitoramento Ambiental**
SEMINARIO SOBRE DESERTIFICACAO NO NORDESET (1986: RECIFE, BRAZIL)
Lang.: por. Brasilia, Brazil. Brazil. Ministerio do Desenvolvimento Urbano e Meio Ambiente. 1986. 213p
Descriptor: desertification
Geographical descriptor: Brazil * South America
- 0518 **Brazil. BIB/INEMET**
BIBLIOGRAFIASOBRE DESERTIFICACAO NO BRASIL
Lang.: por. Brasilia, Brazil: BIB/INEMET. 1984. 8p
Descriptor: desertification * bibliographies
Geographical descriptor: Brazil * South America
- 0519 **Brazil. Centro de Pesquisa Agropecuaria do Tropico Semi-Arido**
BIBLIOGRAFIA SOBRE A PEQUENA IRRIGACAO NAO CONVENCIONAL NO TROPICO SEMI-ARIDO (Bibliography of small-scale non-conventional irrigation in the semi-arid tropics)
Lang.: por. Brasilia, Brazil: EMBRAPA, Departamento de Informacao e Documentacao. 1980. 122p
Descriptor: semiarid lands * irrigation * bibliographies * tropics
Geographical descriptor: Brazil * South America
- 0520 **Brazil. Ministerio da Agricultura. Superintendencia do Desenvolvimento do Nordeste. (Rio de Janeiro, Brazil)**
CONTRIBUICAO AO ESTUDO DA CLIMATOLOGIA DO NORDESTE (Contribution to the Study of the Climatology of the Northeast)
Lang.: por. Rio de Janeiro: Ministerio da Agricultura. 1969. 22p
Descriptor: climatology * climatic data * weather stations
Geographical descriptor: Brazil * Northeast Brazil * South America

- 0521 **Breckle, S.W.**
THE SIGNIFICANCE OF SALINITY
Lang.: eng. London, U.K.: Academic Press. 1982. p.277-292.
Note: (In) Desertification and Development: Dryland ecology in social perspective by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: saline soils * soil types climatic * aridisols
Geographical descriptor: Iran * Middle East
- 0522 **Bredenkamp, D.B.**
A SURVEY OF RAINFALL ANOMALIES IN THE REPUBLIC OF SOUTH AFRICA
Lang.: eng. South Africa. Department of Water Affairs. 1969.
Series title: South Africa. Department of Water Affairs. Division of Hydrological Research. Technical Report. Vol.48. 20p
Descriptor: salinization * drought * rainfall * climatic data
Geographical descriptor: South Africa * Africa
- 0523 **Bredenkamp, D.B.; Barker, H.M.G.**
EXTENDED INVESTIGATION OF DROUGHT CONDITIONS EXISTING IN THE NORTHERN REGIONS OF SOUTH AFRICA
Lang.: eng. South Africa. Department of Water Affairs. Division of Hydrological Research. 1966. Series title: Technical Report. No.37
Descriptor: rainfall * drought * climatic data * weather stations
Geographical descriptor: South Africa * Africa
- 0524 **Breed, C.S.**
GEOMORPHIC ASPECTS OF CHINA'S DESERTIFICATION PROBLEM AND DE-DESERTIFICATION EFFORTS
Lang.: eng. Flagstaff, AZ: U.S. Geological Survey. Dec. 1984. Series title: U.S. Geological Survey. Technical Report. 1. 9p
Descriptor: deserts * particle size * soils * winds * mountains * geomorphology * dunes * sand * desertification control
Geographical descriptor: China
- 0525 **Breed, C.S.**
PHYSIOGRAPHIC LIMITATIONS UPON THE USE OF SOUTHWESTERN RIVERS
Meeting or Conf.: American Water Resources Association, Arizona Academy of Science, Hydrology Section, Proceedings of the 1971 Meetings, Tempe, Arizona
Lang.: eng. 1971. Series title: Hydrology and Water Resources in Arizona and the Southwest. Vol.1:p.367-372
Descriptor: arid land * deserts * water table * water loss * water resources development * geomorphology * dams * groundwater extraction * water management * hydrology * river basins * political aspects
Geographical descriptor: Sonoran Desert * Arizona * Colorado River Basin * Colorado River
- 0526 **Breed, C.S.**
SURFACE PROCESSES IN ARID LANDS MONITORING THE PHYSICAL ASPECTS OF DESERTIFICATION
Meeting or Conf.: 153rd. National Annual Meeting of the American Association for the Advancement of Science, Chicago, IL. Feb. 14-18, 1987
Lang.: eng. Flagstaff, AZ: U.S. Geological Survey. Branch of Astrogeology. 1987. Vol.0(153):p.10
Descriptor: monitoring * desertification * arid land * physico-chemical properties of soils * soil types
- 0527 **Breman, H.; Uithol, P.W.J.**
THE PRIMARY PRODUCTION IN THE SAHEL (PPS) PROJECT - A BIRD'S EYE VIEW
Lang.: eng. Wageningen, The Netherlands: Centre for Agrobiological Research. 1984. 113p
Descriptor: animal production * rangelands * climate * water balance * economic development
Geographical descriptor: Sahel * Africa
- 0528 **Brice, W.C.; Balci, A.N.**
THE HISTORY OF FORESTRY IN TURKEY
Lang.: eng. 1955. Series title: Istanbul Universitesi. Orman Fakultesi. Dergisi. Vol.5:p.19-42
Descriptor: forestry * history
Geographical descriptor: Turkey
- 0529 **Brisset, C.; Bugnicourt, J.; Duhamel, B.**
DOSSIER: L'AFRIQUE DE LA FAIM. SECHERESSE ET DESERTIFICATION DANS LE SAHEL (Dossier: Hungry Africa. Drought and Desertification in the Sahel)
Lang.: fre. Doc. no.: DOC/FI 16 299, 300, 302. 1984. Series title: Monde Diplomatique. No.362:p.30-33
Descriptor: famine * drought * desertification * food supply
Geographical descriptor: Sahel * Africa
- 0530 **Broekhuysse, J.T.; Allen, A.M.**
FARMING SYSTEMS RESEARCH ON THE NORTHERN MOSSI PLATEAU
Lang.: eng. 1988. Series title: Human Organization. Vol.47(4):p.330-343
Descriptor: soil reclamation * projects * farming systems * agricultural development * soil conservation * evaluation * agricultural policy
Geographical descriptor: Burkina Faso * Mossi Plateau * Africa
- 0531 **Broggi, J.A.**
AL MARGEN DEL PRIMER MAPA CLIMATOLOGICO DEL PERU (Notes on the First Climatological Map of Peru)
Lang.: spa. 1956. Series title: Sociedad Geologica del Peru. Boletín. Vol.30:p.107-110
Descriptor: climatology * maps * climatic zones
Geographical descriptor: Peru * South America
- 0532 **Broggi, J.A.**
LAS CICLOPEAS DUNAS COMPUESTAS DE LA COSTA PERUANA, SU ORIGEN Y SIGNIFICACION CLIMATICA (Cyclopean Composite Dunes of the Peruvian Coast, Their Origin and Climatic Significance)
Lang.: spa. 1961. Series title: Sociedad Geologica del Peru. Boletín. Vol.36:p.61-66
Descriptor: coastal areas * deserts * dune morphology * dunes * geomorphology * topography * climatic change
Geographical descriptor: Peru * South America
- 0533 **Broggi, J.A.**
MIGRACION DE ARENAS A LO LARGO DE LA COSTA PERUANA (Sand Movement along the Peruvian Coast)
Lang.: spa. 1950. Series title: Sociedad Geologica del Peru. Boletín. Vol.24:p.1-25
Descriptor: dunes * eolian soils * wind action * sand
Geographical descriptor: Sechura Desert * Peru * South America
- 0534 **Brook, G.A.; Miametse, M.N.**
RAINFALL TREND PATTERNS IN SOUTH AFRICA
Lang.: eng. 1970. Series title: South African Geographical Journal. Vol.52:p.134-138
Descriptor: rainfall * statistical analysis * weather patterns * climatic data
Geographical descriptor: South Africa * Africa
- 0535 **Brooke, C.**
THE HERITAGE OF FAMINE IN CENTRAL TANZANIA
Lang.: eng. 1967. Series title: Tanzania Notes and Records. Vol.67
Descriptor: malnutrition * famine
Geographical descriptor: Tanzania * Africa
- 0536 **Brown, A.L.**
SHRUB INVASION OF SOUTHERN ARIZONA DESERT GRASSLAND
Lang.: eng. 1950. Series title: Journal of Range Management. Vol.3(3):p.172-177
Descriptor: grasslands * grassland biome * shrubs * plant invaders * Prosopis * Prosopis juliflora * forage production * forage * fodder plants * Leguminosae * carrying capacity * Haplopappus * climax * range management * desert grassland * controlled burning * plant succession * vegetation change
Geographical descriptor: Arizona

- 0537 **Brown, G.W., Jr. (ed.)**
DESERT BIOLOGY
Lang.: eng. New York: Academic Press. 1968, 1974. 1236p.:
2 vols
Descriptor: desert animals * desert plants * desertification *
ecology * deserts * fish * desert biome * humans * adaptation
* reptiles * amphibians * birds * mammals * aridisols * desert
survival * hydrology * soil biology * insects
Geographical descriptor: Sahara * Africa
- 0538 **Brown, L**
RED SANDS, GEMSBOK AND DUNE BEETLES, THE
SOUTHERN DESERTS AND SUBDESERTS
Lang.: eng. New York: Random House. 1965. p.202-219.
Note: (In) Africa, A Natural History by L. Brown (ed.)
Descriptor: deserts * wildlife * adaptation * desertification *
sand * dunes * steppes * vegetation change * aid * maps
Geographical descriptor: Karroo * South Africa * Kalahari
Desert * Namibia * Africa
- 0539 **Brown, L.; Shaw, P**
SIX STEPS TO A SUSTAINABLE SOCIETY
Lang.: eng. Washington, D.C.: 1982. Note: (In) Worldwatch
paper No. 48: from Vance Bibliography
Descriptor: deforestation * acid rain * erosion * desertification
* world problems * research planning * developing countries
- 0540 **Brown, L.H**
THE BIOLOGY OF PASTORAL MAN AS A FACTOR IN
CONSERVATION
Lang.: eng. 1971. Series title: Biological Conservation.
Vol.3(2):p.93-100
Descriptor: pastoralism * nomads * food habits * animal
nutrition * forage supply * livestock * forage production *
grazing * animal damage * limiting factors * ecology * human
population * carrying capacity * human activity
- 0541 **Brown, L.H**
THE DEVELOPMENT OF THE SEMI-ARID AREAS OF
KENYA
Lang.: eng. Nairobi, Kenya: Ministry of Agriculture. 1963.
Note: (processed)
Descriptor: resource management * land development *
semiarid lands * climate
Geographical descriptor: Kenya * Africa
- 0542 **Brown, L.R.; Wolf, E.C**
ASSESSING ECOLOGICAL DECLINE
Lang.: eng. Washington, D.C.: Worldwatch Institute. 1986.
p.22-40. Note: (In) State of the World 1986
Descriptor: ecology * environmental degradation
- 0543 **Brown, L.R.; Wolf, E.C**
CHARTING A SUSTAINABLE COURSE
Lang.: eng. Washington, D.C.: Worldwatch Institute. 1987.
p.196-213. ISSN 0887-364X. Note: (In) State of the World 1987
Descriptor: deforestation * acid rain * erosion * desertification
* global problems * research planning * developing countries
- 0544 **Brown, M.M (ed.)**
FAMINE: A MAN-MADE DISASTER? A REPORT FOR THE
INDEPENDENT COMMISSION ON INTERNATIONAL
HUMANITARIAN ISSUES
Lang.: eng. London: Pan Books. 1985. 160p.
ISBN 0-330-29111-4
Descriptor: famine * drought * development policy
Geographical descriptor: Africa
- 0545 **Brown, N**
A UNEP ASSESSMENT OF NATIONAL AND
INTERNATIONAL EFFORTS TO COMBAT
DESERTIFICATION
Meeting or Conf.: 153rd. National Annual Meeting of the
American Association for the Advancement of Science, Chicago,
Ill., Feb. 14-18, 1987
Lang.: eng. 1987. Note: (In) American Association for the
Advancement of Science Abstract
Descriptor: UNEP * desertification control * international
cooperation * government policy * guidelines
- 0546 **Bruggers, R.; Ruelle, P**
ECONOMIC IMPACT OF PEST BIRDS ON RIPENING
CEREALS IN SENEGAL
Lang.: eng. 1981. Series title: Protection Ecology.
Vol.3(1):p.7-16. ISSN 0378-4339
Descriptor: field crops * plant pests * birds * aves * agricultural
economics * cereals * pest control * crop damage * economic
impact
Geographical descriptor: Senegal * Africa
- 0547 **Brushfires Council, Darwin, Northern Territory**
TROPICAL AND ARID FIRE SYMPOSIUM, 1971,
PROCEEDINGS
Meeting or Conf.: Tropical and Arid Fire Symposium
Lang.: eng. Darwin, Northern Territory: Brushfires Council.
1971. 89p
Descriptor: fire effects * summer precipitation * lightning *
storms * controlled burning * grasses * Spinifex * Acacia aneura
* revegetation
Geographical descriptor: Australia
- 0548 **Bryan, K**
CHANGES IN PLANT ASSOCIATIONS BY CHANGE IN
GROUND-WATER LEVEL
Lang.: eng. 1928. Series title: Ecology. Vol.9(4):p.474-478
Descriptor: phreatophytes * plant communities * water table *
groundwater * range management * grazing * plant succession
* plant ecology * riparian ecosystems * channel morphology *
prosopis * grasses * Populus * gully erosion * arroyos *
ephemeral streams * climatic change * vegetation change
Geographical descriptor: Santa Cruz River Basin * San Pedro
Valley * Arizona
- 0549 **Bryan, K**
PRE-COLUMBIAN AGRICULTURE IN THE SOUTHWEST AS
CONDITIONED BY PERIODS OF ALLUVIATION
Lang.: eng. 1941. Series title: Association of American
Geographers, Annals. Vol.31(4):p.219-242
Descriptor: history * agriculture * sedimentation * alluvium *
archaeology * American Indians
Geographical descriptor: Southwestern U.S
- 0550 **Bryan, K.; Albritton Jr., C.C**
SOIL PHENOMENA AS EVIDENCE OF CLIMATIC
CHANGES
Lang.: eng. 1943. Series title: American Journal of Science.
Vol.241(8):p.469-490
Descriptor: climatic change * paleoclimatology * caliche * soil
erosion * soil formation * weathering * soil horizons * soil
profiles
Geographical descriptor: Texas
- 0551 **Bryan, K**
THE PAPAGO COUNTRY, ARIZONA: A GEOGRAPHIC,
GEOLOGIC AND HYDROLOGIC RECONNAISSANCE WITH
A GUIDE TO DESERT WATERING PLACES
Lang.: eng. 1925. Series title: U.S. Geological Survey, Water
Supply Paper. 499. 436p
Descriptor: shrubs * desert plants * guidebooks * water holes *
geology * rocks * geomorphology * regional geography *
hydrology * vegetation * desert biome * American Indians *
research
Geographical descriptor: Papago Indian Reservation * Arizona
* Sonoran Desert
- 0552 **Bryson, R.A.; Murray, T**
CLIMATES OF HUNGER: MANKIND AND THE WORLD'S
CHANGING WEATHER
Lang.: eng. Madison, WI: University of Wisconsin Press.
1977. xv, 171p
Descriptor: climate * famine * drought * natural resources *
human health * rainfall * deserts * air pollution * dust

- 0553 *Bryson, R.A.*
CLIMATIC MODIFICATION BY AIR POLLUTION2: The Sahelian Effect
Lang.: eng. Madison, WI: University of Wisconsin. Institute for Environmental Studies. 1973. Series title: University of Wisconsin. Institute for Environmental Studies. Report. 9. 12p
Descriptor: environmental impact * climatic change * air pollution
Geographical descriptor: Sahel * Africa
- 0554 *Bryson, R.A.*
DROUGHT IN AFRICA:WHO OR WHAT IS TO BLAME?
Lang.: eng. 1973. Series title: *Ecologist*. Vol.3(10):p.366-371
Descriptor: monsoons * anticyclones * meteorology * temperature * air pollution * turbidity * drought
Geographical descriptor: Sahel * Africa
- 0555 *Bryson, R.A.; Baerreis, D.A.*
POSSIBILITIES OF MAJOR CLIMATIC MODIFICATION AND THEIR IMPLICATIONS:NORTHWEST INDIA, A CASE FOR STUDY
Lang.: eng. 1967. Series title: American Meteorological Society. *Bulletin*. Vol.48(3):p.136-142
Descriptor: subsidence * air pollution * archaeology * desertification * environmental impact * erosion control * case studies * reclamation * climatic change * weather modification
Geographical descriptor: Thar Desert * India * Pakistan
- 0556 *Buckley, R.*
DEVELOPMENT IN THE CENTRAL AUSTRALIAN ARID ZONE: CURRENT ASSESSMENT
Lang.: eng. 1985. Series title: *Journal of Arid Environments*. No.8:p.173-189
Descriptor: deserts * environmental impact * rainfall * grazing * soil degradation * groundwater * endangered species * forest fires * mineral resources * tourism * crops
Geographical descriptor: Australia * Central Australia
- 0557 *Budyko, M.I.; Drozdov, O.A.; Yudin, M.I.*
THE IMPACT OF ECONOMIC ACTIVITY ON CLIMATE
Lang.: rus. 1971. Series title: *Soviet Geography: Review and Translation*. Vol.12(10):p.666-679. Note: Translated from: *Sovremennyye Problemy Klimatologii, Gidrometeoizdat, Leningrad, 1966* by M.I. Budyko (ed.)
Descriptor: arid land * microclimatology * air temperature * heat transfer * energy budget * humidity * atmospheric precipitation * environmental impact * forests * air pollution * climate * vegetation effects * air masses * air circulation * climatic change * economic impact * environmental variability
- 0558 *Bullwinkle, D.A.*
DROUGHT AND DESERTIFICATION OF THE AFRICAN CONTINENT
Lang.: eng. 1983/1984. Series title: *Current Bibliography on African Affairs*. Vol.16(4):p.279-297
Descriptor: drought * desertification * bibliographies * meteorology
Geographical descriptor: Sahel * Africa
- 0559 *Bunch, D.H.*
KENYA MARGINAL/SEMI-ARIDLANDS PRE-INVESTMENT INVENTORY
Lang.: eng. Nairobi, Kenya: Consortium for International Development. 1978. Series title: *Research Report*. No.9. 62p
Descriptor: marginal lands * seeds * economic development
Geographical descriptor: Kenya * Africa
- 0560 *Bunting, A.H.; et al.*
RAINFALL TRENDS IN THE WEST AFRICAN SAHEL
Lang.: eng. 1976. Series title: *Royal Meteorological Society. Quarterly Journal*. Vol.102(431):p.59-64
Descriptor: rainfall * atmospheric precipitation * climatic data * analytical methods * drought * weather forecasting
Geographical descriptor: Sahel * West Africa
- 0561 *Burdecki, F.*
THE IMPACT OF CLIMATIC CONDITIONS UPON FLORA AND FAUNA
Lang.: eng. Pretoria: South Africa. Weather Bureau. 1965. Series title: *Nuusbrief-News Letter*. Vol.197:p.124-127
Descriptor: flora * fauna * vegetation * bioclimatology * climatic vegetal relationships * adaptation * animal ecology
Geographical descriptor: South Africa * Africa
- 0562 *Burdon, D.J.*
GROUNDWATER AGAINST DROUGHT IN AFRICA
Lang.: eng. Cambridge, U.K.: International Association of Hydrogeology. 1985. ISBN 0-947571-55-8. ISSN 0144-7815. Note: (In) *Hydrogeology in the Service of Man*, Vol. 2: Economic and Social Influence
Descriptor: drought * hydrology * groundwater * water tables
Geographical descriptor: Africa
- 0563 *Burdon, D.J.; Otkam, G.*
HYDROLOGICAL CONTROL OF DEVELOPMENT IN SAUDI ARABIA
Meeting or Conf.: International Geological Congress, 23rd, Prague, Proceedings
Lang.: eng. 1968. Vol.12:p.145-153
Descriptor: water conservation * hydrology * water storage * groundwater * saline water * water utilization * water resources development * wells * groundwater recharge * springs * boreholes * agriculture * economic development * social aspects
Geographical descriptor: Saudi Arabia * Middle East
- 0564 *Burgos, J.J.*
EL CLIMA DE LAS REGIONES ARIDAS EN LA REPUBLICA ARGENTINA (The Climate of the Arid Regions of Argentina)
Lang.: spa. 1963. Series title: *Revista de Investigaciones Agrícolas*. Vol.17(4):p.385-405
Descriptor: climate * arid land * aridity index * land use
Geographical descriptor: Argentina * South America
- 0565 *Buringh, P.*
LIVING CONDITIONS IN THE LOWER MESOPOTAMIAN PLAIN IN ANCIENT TIMES
Lang.: eng. 1957. Series title: *Sumer*. Vol.13:p.30-57
Descriptor: living conditions * history * social aspects
Geographical descriptor: Mesopotamian Plain * Middle East * Iraq
- 0566 *Buringh, P.*
SOILS AND SOIL CONDITIONS IN IRAQ
Lang.: eng. Baghdad, Iraq. 1960. 322p
Descriptor: soil types * soil analysis * physico-chemical properties of soils
Geographical descriptor: Iraq * Mesopotamian Plain * Middle East
- 0567 *Burton, T.A.; Gifford, G.F.; Hart, G.E.*
AN APPROACH TO THE CLASSIFICATION OF UTAH MINE SPOILS AND TAILINGS BASED ON SURFACE HYDROLOGY AND EROSION
Lang.: eng. 1978. Series title: *Environmental Geology*. Vol.2(5):p.269-278
Descriptor: mine wastes * hydrology * erosion * revegetation * plant establishment * mulching
Geographical descriptor: Utah
- 0568 *Busch, C.D.; Matlock, W.G.; Fogel, M.M.*
UTILIZATION OF WATER RESOURCES IN A COASTAL GROUNDWATER BASIN. I: EVALUATION OF IRRIGATION EFFICIENCY
Lang.: eng. 1966. Series title: *Journal of Soil and Water Conservation*. Vol.21(5):p.163-169
Descriptor: water resources * groundwater * aquifers * groundwater basins * saline water intrusion * water level * irrigation water * irrigation effects * economics * coastal plains
Geographical descriptor: Sonora * Mexico

- 0569 *Butler, M*
PERCEPTION OF INCREASING SALINITY ASSOCIATED WITH THE IRRIGATION OF THE MURRAY VALLEY IN SOUTH AUSTRALIA
Lang.: eng. Tokyo: United Nations University. 1980. p.97-119. ISBN 92-808-0190-2. Note: (In) Perception of Desertification by R.L. Heathcote (ed.)
Descriptor: salinity * irrigation
Geographical descriptor: Murray Valley * Australia
- 0570 *Butzer, K.W*
CLIMATIC CHANGE IN ARID REGIONS SINCE THE PLIOCENE
Lang.: eng. Paris: UNESCO. 1961. Series title: Arid Zone Research. Vol.17:p.31-56. Note: (In) A History of Land Use in Arid Regions by L.D. Stamp, (ed.)
Descriptor: arid climate * semiarid climate * arid land * history * climatology * meteorology * weather patterns * deserts * paleoclimatology * climatic zones * drought * synoptic climatology * geologic time * atmospheric circulation
- 0571 *Butzer, K.W*
CLIMATIC CHANGES IN THE ARID ZONES OF AFRICA DURING EARLY TO MID-HOLOCENE TIMES
Lang.: eng. London, U.K.: Royal Meteorological Society. 1966. p.72-83. Note: (In) World Climate from 8000 to 0 B.C., International Symposium Proceedings
Descriptor: holocene epoch * climatic change * geochronology * aridity * paleoclimatology * climatic geomorphology
Geographical descriptor: Sahara * Africa
- 0572 *Butzer, K.W*
CLIMATIC PATTERNS IN AN UN-GLACIATED CONTINENT
Lang.: eng. 1978. Series title: Geographical Magazine. Vol.51(3):p.201-208
Descriptor: paleoclimatology * geology * surveys * forecasting * climatic fluctuations
Geographical descriptor: Africa
- 0573 *Butzer, K.W.; Twindale, C.R*
DESERTS IN THE PAST
Lang.: eng. London, U.K.: Methuen. 1966. p.127-144. Note: (In) Arid Lands: A Geographic Appraisal by E.S. Hills (ed.)
Descriptor: desertification * climatic change * deserts * physical geography * archaeology * history * Quaternary period * Pleistocene epoch
- 0574 *Butzer, K.W*
ENVIRONMENT AND ARCHAEOLOGY: AN ECOLOGICAL APPROACH TO PREHISTORY: 2ed
Lang.: eng. London, U.K.: Methuen. 1972. 703p
Descriptor: archaeology * environment * Quaternary period * Pleistocene epoch * humans * history * land use * water level * climatic change * ecology * geomorphology * stratigraphy * sediments * palynology
Geographical descriptor: Australia * Middle East * Africa
- 0575 *Butzer, K.W*
FINE ALLUVIAL FILLS IN THE ORANGE AND VAAL BASINS OF SOUTH AFRICA
Lang.: eng. 1971. Series title: Association of American Geographers. Proceedings. Vol.3:p.41-48. Note: (Also in) Palaeoecology of Africa by E.M. Van Zinderen Baker (ed.), Vol.6,p.149-151
Descriptor: climatic change * gully erosion * soil erosion * erosion * overgrazing * veld * fire effects * climatic geomorphology
Geographical descriptor: South Africa * Africa
- 0576 *Butzer, K.W*
LATE GLACIAL AND POST GLACIAL CLIMATIC VARIATION IN THE NEAR EAST
Lang.: eng. 1967. Series title: *Erkunde*. Vol.11:p.21-35
Descriptor: climatic change * paleoclimatology * glaciology
Geographical descriptor: Middle East
- 0577 *Butzer, K.W*
PHYSICAL CONDITIONS IN EASTERN EUROPE, WESTERN ASIA AND EGYPT BEFORE THE PERIOD OF AGRICULTURAL AND URBAN SETTLEMENT: 3ed
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1970. Vol.1:p.35-69. Note: (In) Cambridge Ancient History
Descriptor: history * environmental surveys
Geographical descriptor: Egypt * Africa
- 0578 *Butzer, K.W*
QUARTÄRE VORZEITKLIMAT DER SAHARA (Quaternary Paleoclimate of the Sahara)
Lang.: ger. Munich: Weltforum Verlag. 1971. Vol.1:p.349-388. Note: (In) Die Sahara und ihre Randgebiete by H. Schiffers (ed.)
Descriptor: rainfall * Pleistocene epoch * soil types * topography * paleoclimatology * Quaternary period
Geographical descriptor: Sahara * Egypt * Ethiopia * Fezzan * Libya * Algeria * Sudan * Tibesti Mountains * Chad Basin * Africa
- 0579 *Butzer, K.W*
QUATERNARY STRATIGRAPHY AND CLIMATE IN THE NEAR EAST
Lang.: eng. 1958. Series title: Bonner Geographische Abhandlungen. Heft. 24. 157p
Descriptor: Quaternary period * stratigraphy * climate * archaeology
Geographical descriptor: Middle East * Egypt * Jordan * Africa
- 0580 *Butzer, K.W*
RE-EVALUATION OF THE GEOLOGY OF THE ELANDSFONTEIN (HOPEFIELD) SITE, SOUTH WESTERN CAPE, SOUTH AFRICA
Lang.: eng. 1973. Series title: South African Journal of Science. Vol.69:p.234-238
Descriptor: climatic change * wind action * geomorphology * dunes
Geographical descriptor: South Africa * Africa * Elandsfontein Site
- 0581 *Butzer, K.W*
STUDIEN ZUM VOR-UND FRÜHGESCHICHTLICHEN LANDSCHAFTSWANDEL DER SAHARA
Lang.: ger. Mainz: Akademie der Wissenschaften und der Literatur. 1958-1959. Series title: Akademie der Wissenschaften und der Literatur. Mathematische-Naturwissenschaftliche Klasse Abhandlungen. Vol.1-2. 3 vols
Descriptor: paleoclimatology * biogeography * climatic geomorphology * river basins * geologic time * climatic veget relationships * dessication * dunes * archaeology * prehistory
Geographical descriptor: Egypt * Nile River * Sahara * Africa
- 0582 *Butzer, K.W*
THE SAHARA AND EASTERN AFRICA DURING THE LATE PLEISTOCENE
Lang.: eng. Chicago, IL: Adline. 1964. p.301-316. Note: (In) Environment and Archaeology, An Introduction to Pleistocene Geography by K.W. Butzer (ed.)
Descriptor: Pleistocene epoch * climatic change * wind action * stratigraphy * geochronology * wadi * geographical origin
Geographical descriptor: Libya * Sahara * East Africa * Africa
- 0583 *Bykov, B.A*
ANTHROPOGENIC EFFECTS ON DESERT PASTURES
Lang.: eng. 1985. Series title: Problems of Desert Development. No.1:p.22-30. Note: Translated from: Problemy Osvoeniya Pustyn (1985, No.1:p.20-26)
Descriptor: desertification * soil types * grassland soils * grazing * animal behavior * Artemisia * plant communities * *Poa bulbosa* * *Rheum tataricum* * *Haloxylon aphyllum* * *Salsola orientalis* * human activity * desert plants * grazing intensity
Geographical descriptor: USSR

- 0584 *Bykov, B.A.; Bedarev, S.A*
EFFICIENT UTILIZATION AND IMPROVEMENT OF
NORTHERN PRIARAL PASTURES
Lang.: rus. Alma-Ata, Kazakh SSR: Nauka. 1968. p.127-132.
Note: (In) Bioekologicheskoye osnovy ispol'zovaniya i
ulushcheniya Pastbishch severnogo Priaral'ya (Bioecological
Foundations for the Use and Improvement of Northern Aral
Pastures)
Descriptor: pastures * plant ecology * grazing systems
Geographical descriptor: Aral * Priaral * Kazakh SSR * USSR
- 0585 *Cable, D.R.; Martin, S.C*
VEGETATION RESPONSE TO GRAZING, RAINFALL, SITE
CONDITION, AND MESQUITE CONTROL ON
SEMIDESERT RANGE
Lang.: eng. Boulder, CO: U.S. Department of Agriculture.
Forest Service. 1975. Series title: Research Paper. RM-149
Descriptor: Prosopis * grazing effects * rangelands * semiarid
lands * rainfall * vegetal relationships
Geographical descriptor: Texas
- 0586 *Caldwell, J.C*
DEMOGRAPHIC ASPECTS OF DROUGHT: AN
EXAMINATION OF THE AFRICAN DROUGHT OF 1970-1974
Lang.: eng. London, U.K.: International African Institute.
1977. Series title: African Environment Special Report. No.6.
p.93-100. Note: (In) Drought in Africa: 2 by D. Dalby, R.J.
Harrison Church, and F. Bezzaz (eds.), 200p
Descriptor: demography * drought * pastoralism * subsistence
agriculture * human population * savannas
Geographical descriptor: Africa * Sahel
- 0587 *Caldwell, J.C*
DESERTIFICATION, DEMOGRAPHIC EVIDENCE, 1973-1983
Lang.: eng. Australian National University. Development
Studies Centre. 1984. Series title: Occasional Paper. No.37.
50p. ISBN 0-86784-489-2
Descriptor: demography * population pressure * arid land *
desertification * developing countries
- 0588 *Caldwell, J.C*
FOOD PRODUCTION AND CRISIS IN THE WEST AFRICAN
SAVANNAH
Lang.: eng. Australian National University. Development
Studies Centre. 1981. Series title: Occasional Paper. No.25.
28p. ISBN 0-909150-43-5
Descriptor: food supply * natural disasters * drought
Geographical descriptor: Africa * Sahel
- 0589 *Caldwell, J.C*
THE AFRICAN DROUGHT AND ITS DEMOGRAPHIC
IMPLICATIONS
Lang.: eng. Canberra, Australia: 1974. 85p. Note:
Unpublished
Descriptor: drought * demography * environmental impact
Geographical descriptor: Africa
- 0590 *Caldwell, J.C*
THE SAHELIAN DROUGHT AND ITS DEMOGRAPHIC
IMPLICATIONS
Lang.: eng. 1975. Series title: American Council on Education,
Overseas Liaison Committee. Paper. No.8. 88p
Descriptor: pastoralism * nomads * settlements * drought * arid
land * arid climate * environmental impact * precipitation deficit
* demography * humans * human population * social aspects *
migration * distribution patterns
Geographical descriptor: Sahel * Chad * Upper Volta * Senegal
* Niger * Mali * Africa * Burkina Faso
- 0591 *Calembert, J*
EMASAR PHASE II: VOLUME IX. THE COUNTRIES OF
NORTH AFRICA, EDUCATION AND TRAINING IN THE
RANGELAND SECTOR: COMPONENTS OF STRATEGY
Lang.: eng. Rome, Italy: Food and Agriculture Organization.
1978. v, 42p
Descriptor: rangelands * grasslands * extension * land
management
Geographical descriptor: North Africa * Egypt * Libya * Tunisia
* Algeria * Morocco * Africa
- 0592 *Calembert, J.; Strange, L.R.N*
EMASAR PHASE II: VOLUME VI. MIDDLE EAST
GRASSLAND EDUCATION AND TRAINING
Lang.: eng. Rome, Italy: Food and Agriculture Organization.
1978. 112p
Descriptor: grasslands * rangelands * plant ecology * land
management * pastoralism * nomads * extension * rural
development
Geographical descriptor: Iran * Afghanistan * Pakistan * Middle
East
- 0593 *Callaghan, T.V.; Abdeinour, H.; Lindley, D.K*
THE ENVIRONMENTAL CRISIS IN THE SUDAN: THE
EFFECT OF WATER-ABSORBING SYNTHETIC POLYMERS
ON TREE GERMINATION AND EARLY SURVIVAL
Lang.: eng. London: Academic Press. May 1988. Series title:
Journal of Arid Environments. Vol.14(3):p.301-317.
ISSN 0140-1963
Descriptor: plant establishment * survival * deserts * trees *
water absorption * polyacrylamide * polyvinyl * alcohol * soil
treatments * rainfall * irrigation water * water use
Geographical descriptor: Sudan * Africa
- 0594 *Camacho, C*
CALIDAD BACTERIOLOGICA DEL AGUA ABTENIDADA DE LA
CAMANCHACA EN CERROS CERCANOS A
ANTOFAGASTA (Bacteriological Quality of Water Obtained
from Fog-drip on Ranges Close to Antofagasta)
Lang.: spa. 1973. Series title: Ciencia y Tecnologia Marina
(Antofagasta). Vol.7:p.37-43
Descriptor: fog * atmospheric precipitation * deserts * coastal
areas * water quality * bacteria
Geographical descriptor: Chile * Antofagasta * South America
- 0595 *Campbell, D.J.; Renwick, W.M*
POSSIBLE POSITIVE FEEDBACK BETWEEN LAND USE
SYSTEMS AND CLIMATE IN THE SAHEL
Lang.: eng. Worcester, MA: Clark University. Graduate
School of Geography. 1975. 8p
Descriptor: climatic change * environmental impact * albedo *
land use * drought * atmospheric precipitation
Geographical descriptor: Sahel * Africa
- 0596 *Campbell, D.J*
THE PROSPECT FOR DESERTIFICATION IN KAJIADO
DISTRICT, KENYA
Lang.: eng. Mar 1986. Series title: Geographical Journal.
Vol.152(1):p.44-55
Descriptor: land use * population growth * desertification
Geographical descriptor: Kenya * Kajiado District * Africa
- 0597 *Campbell, I.A*
CLIMATE AND OVERGRAZING ON THE SHONTO
PLATEAU, ARIZONA
Lang.: eng. Series title: Professional Geographer.
Vol.22(3):p.132-141
Descriptor: vegetation change * dendrochronology * weather
patterns * semiarid climate * ecosystems * overgrazing * weeds
* Salsola * gully erosion * carrying capacity * climatic change *
plant cover * climatic vegetal relationships
Geographical descriptor: Arizona * Shonto Plateau
- 0598 *Campos Lopez, E. (ed.); Anderson, R.J. (ed.)*
NATURAL RESOURCES AND DEVELOPMENT IN ARID
REGIONS
Lang.: eng. Boulder, CO.: Westview Press. 1983. 362p.
ISBN 0-86531-418-7
Descriptor: land types * arid land * resource development *
natural resources
- 0599 *Cannell, G.H.; Weeks, L.V*
EROSION AND ITS CONTROL IN SEMI-ARID REGIONS
Lang.: eng. New York: Springer-Verlag. 1979. p.238-256.
Note: (In) Agriculture in Semi-Arid Environments by A.E. Hall,
G.H. Cannell, and H.W. Lawton (eds.)
Descriptor: crop production * erosion control * soil erosion *
wind erosion * semiarid climate

- 0600 *Capot Rey, R*
L'AFRIQUE BLANCHE FRANCAISE II: Le Sahara Francais
Lang.: fre. Paris: Presses Universitaires de France. 1953.
564p
Descriptor: flora * climatic change * aridity * geology *
geomorphology * human activity * environmental impact *
desertification
Geographical descriptor: Sahara * Africa
- 0601 *Capot Rey, R*
UNE CARTE DE L'INDICE D'ARIDITE AU SAHARA
FRANCAIS
Lang.: fre. Paris: Association de Geographes Francais. 1951.
Series title: Association de Geographes Francais. Bulletin.
Vol.216-217:p.73-76
Descriptor: aridity index * maps
Geographical descriptor: Sahara * Africa
- 0602 *Capretti, P*
DESERTIFICAZIONE: UN PROBLEMA DI GRANDE
ATTUALITA
Lang.: ita. 1978. Series title: Rivista di Agricoltura
Subtropicale e tropicale. Vol.72(1-2):p.135-146
Descriptor: desertification * overgrazing * monitoring * social
aspects * political aspects
- 0603 *Carbannel, J.P.; Barbey, C*
DECOUVERTE DE SEPULTURES NEOLITHIQUES DANS LE
COMPLEXE DUNAIRE DU DRAYYA MALICHIGDANE
(MAURITANIE)
Lang.: fre. 1972. Series title: Notes Africaines.
Vol.136:p.108-111
Descriptor: archaeology * dunes * fossil dunes
Geographical descriptor: Mauritania * Africa
- 0604 *Carbannel, J.P.; Bordet, P.; Bouvier, A*
LES ETUDES FRANCAISES SUR LE QUATERNAIRE EN
ASIE (French Studies on the Quaternary in Asia)
Lang.: fre. Paris: Inqua. 1969. Part 2:p.235-245. Note: (In)
Etudes Francaises sur le Quaternaire
Descriptor: Quaternary period * stratigraphy * topography *
prehistory * bibliographies * mountains * coastal areas *
geomorphology * geology * erosion * volcanoes * Holocene
epoch
Geographical descriptor: Afghanistan
- 0605 *Carder, D.A*
DESERTIFICATION IN AUSTRALIA: A MUDDLED
CONCEPT
Lang.: eng. Sydney, Australia. 1981. Series title: Search.
Vol.12(7):p.217-221. ISSN 0371-2516
Descriptor: desertification
Geographical descriptor: Australia
- 0606 *Carey, J*
ARE DESERTS ON THE MARCH?
Lang.: eng. Mar-Apr. 1985. Series title: International Wildlife.
Vol.15(2):p.34-41
Descriptor: deserts * desertification
- 0607 *Carneggie, D.M.; Schrumppf, B.J.; Mouat, D.A*
RANGELAND APPLICATIONS
Lang.: eng. Falls Church, VA: American Society of
Photogrammetry. 1983. p.2325-2384. Note: (In) Manual of
Remote Sensing, Vol.2: Interpretation and Applications by R.N.
Colwell, D.S. Simonette, and F.T. Ulaly, et al (eds.)
Descriptor: land types * rangelands * remote sensing *
photogrammetry
- 0608 *Carter, L.D*
LATE WISCONSIN DESERTIFICATION IN NORTHERN
ALASKA
Meeting or Conf.: The Geological Society of America, 95th.
Annual Meeting, New Orleans, LA, Oct. 18-21, 1982
1982. Series title: Geological Society of America.
Vol.14(7):461p. ISSN 0016-7592
Descriptor: Pleistocene epoch * deserts * desertification *
carbon dating * paleoclimatology * desert environments *
glaciology * geomorphology
Geographical descriptor: Alaska
- 0609 *Casey, H.E*
SALINITY PROBLEMS IN ARID LANDS IRRIGATION: A
LITERATURE REVIEW AND SELECTED BIBLIOGRAPHY
Lang.: eng. Washington, D.C.: U.S. Office of Water Resources
Research. Water Resources Scientific Information Center. 1972.
300p
Descriptor: bibliographies * salinity * salts * irrigation water *
water quality * arid land
- 0610 *Casimir, M.J.; Winter, R.P.; Glatzer, B*
NOMADISM AND REMOTE SENSING: ANIMAL
HUSBANDRY AND THE SAGEBRUSH COMMUNITY IN A
NOMAD WINTER AREA IN WESTERN AFGHANISTAN
Lang.: eng. 1980. Series title: Journal of Arid Environments.
Vol.3(3):p.231-254
Descriptor: pastoralism * arid land * nomads * remote sensing
* animal husbandry
Geographical descriptor: Afghanistan
- 0611 *Castro, M.L*
DESERTIFICATION AND POVERTY: AGRICULTURE AND
PASTORAL USE OF CHILE'S ARID LANDS
Meeting or Conf.: Rangelands: A Resource Under Siege; Second
International Rangeland Congress, Adelaide, South Australia,
May 13-18, 1984
Lang.: eng. New York: Cambridge University Press. 1986.
p.352-353. ISBN 0-521-30936-0
Descriptor: pastoralism * agriculture * environmental impact *
desertification * poverty * arid land
Geographical descriptor: Chile * South America
- 0612 *Caton Thompson, G.; Gardner, E.W*
CLIMATE, IRRIGATION AND EARLY MAN IN THE
HADHRAMAUT
Lang.: eng. 1939. Series title: Geographical Journal.
Vol.93:p.18-38
Descriptor: irrigation * climate * humans * history
Geographical descriptor: Arabian Peninsula * Middle East *
Hadhramaut
- 0613 *Catterson, T.M.; Gulick, F.A.; Resch, T*
RETHINKING FORESTRY STRATEGY IN AFRICA:
EXPERIENCE DRAWN FROM USAID ACTIVITIES
Lang.: eng. 1987. Series title: Desertification Control Bulletin.
Vol.14:p.31-37
Descriptor: forestry * desertification control * reclamation *
deforestation * agroforestry * vegetation * environmental
degradation * drought * fuel crops
Geographical descriptor: Africa
- 0614 *Caunille, A.; Dubief, J*
LES REGUIBAT LEGOUACEM. CHRONOLOGIE ET
NOMADISME
Lang.: fre. 1955. Series title: Institut Francais d'Afrique Noire.
Bulletin. Vol.7B(3-4):p.528-550
Descriptor: pastoralism * nomads * history * ethnology * time
measurement
Geographical descriptor: Africa * Algeria
- 0615 *Caviedes, C*
A CLIMATIC PROFILE OF THE CHILEAN DESERT AT
LATITUDE 20 DEGREES SOUTH
Lang.: eng. Tucson, AZ: University of Arizona Press. 1973.
p.115-121. Note: (In) Coastal Deserts, Their Natural and
Human Environments by D.H.K. Amiran and A.E. Wilson
(eds.), 207p
Descriptor: deserts * coastal areas * climate * plains *
climatology
Geographical descriptor: Chile * South America
- 0616 *Caviedes, C*
GEOMORFOLOGIA DEL CUATERNARIO DEL VALLE DEL
ACONCAGUA, CHILE CENTRAL (Geomorphology of the
Quaternary in the Aconcagua Valley, Central Chile)
Lang.: spa. 1972. Series title: Freiburger Geographische Hefte.
11. 153p
Descriptor: geomorphology * Quaternary period * climatic
geomorphology
Geographical descriptor: Chile * Aconcagua Valley * South
America

- 0617 *Caviedes, C*
ON THE PALEOCLIMATOLOGY OF THE CHILEAN LITTORAL
Lang.: eng. 1972. Series title: *Iowa Geographer*. Vol.29:p.8-14
Descriptor: coastal areas * paleoclimatology * Tertiary period * Quaternary period * climatic change * synoptic meteorology * anticyclones * atmospheric circulation * deserts
Geographical descriptor: Chile * South America
- 0618 *Caviedes, C*
SECASANDEL NINO: TWOSIMULTANEOUSCLIMATICAL HAZARDS IN SOUTH AMERICA
Lang.: eng. 1973. Series title: *Association of American Geographers. Proceedings*. Vol.5:p.44-49
Descriptor: satellites * El nino * climate * climatology * oceanography * atmospheric pressure * drought * anticyclones * meteorological data * dry season * spaceborne photography
Geographical descriptor: Peru * South America
- 0619 *Cazenave, H.W*
LA CUENCA DEL RIO DESAGUADERO; UN CASO DE DETERTIZACION POR ACCION ANTROPICA(Desaguadero River Basin; a Case of Desertification of Anthropogenic Action)
Lang.: spa. 1981. Series title: *Hidrologia*. Vol.32:p.19-22. ISSN 0210-6256
Descriptor: desertification * human activity * environmental impact
Geographical descriptor: Desaguadero River * Spain
- 0620 *Cederstrom, D.J*
GROUNDWATER IN THE ADEN SECTOR OF SOUTHERN ARABIA
Lang.: eng. 1971. Series title: *Ground Water*. Vol.9(2):p.29-34
Descriptor: Water resources * groundwater
Geographical descriptor: Aden * Saudi Arabia * Middle East
- 0621 *Central Arid Zone Research Institute (India)*
ARID ZONE RESEARCH IN INDIA Silver Jubilee volume, 1952-1977
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1978
Descriptor: desertification * regional geography * regional surveys * dunes * dry farming * aridisols * soil stabilization * livestock * wildlife * land use * phytogeography
Geographical descriptor: Rajasthan * India * Thar Desert
- 0622 *Central Arid Zone Research Institute (India)*
DESERTIFICATION IN THE LUNI DEVELOPMENT BLOCK, RAJASTHAN, INDIA. CASE STUDY PRESENTED BY THE GOVERNMENT OF INDIA
Lang.: eng. Paris: UNESCO. 1980. p.147-175. Note: (In) Case Studies on Desertification by J.A. Mabbutt and C. Floret (eds.)
Descriptor: case studies * soil fertility * desertification
Geographical descriptor: Luni Basin * Rajasthan * India
- 0623 *Central Arid Zone Research Institute (India)*
IMPLEMENTATION OF THE PLAN OF ACTION TO COMBAT DESERTIFICATION: COUNTRY REPORT
Meeting or Conf.: ESCAP Workshop, Jodhpur, India, Oct. 20-23, 1981
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1981. 51p
Descriptor: desertification control * environmental surveys * bibliographies * arid land * agriculture * deserts * reclamation
Geographical descriptor: India
- 0624 *Central Arid Zone Research Institute (India)*
INDIA: LUNI DEVELOPMENT BLOCK Case study on desertification
Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/11. 1977. 66p
Descriptor: case studies * desertification * erosion * soil salinity * livestock * afforestation * shelterbelts * appropriate technology * solar energy * wind power * reclamation
Geographical descriptor: India * Rajasthan * Thar Desert
- 0625 *Central Arid Zone Research Institute (India)*
INDO-US WORKSHOP ON ARID ZONE RESEARCH, JANUARY 9-14, 1984, PROCEEDINGS
Meeting or Conf.: Indo-US Workshop on Arid Zone Research (1984: Jodhpur)
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1984? 551p
Descriptor: deserts * ecosystems * climate * geology * soil surveys * water resources * demography * irrigation * groundwater * surface water * livestock * remote sensing * land management * sand control * natural resources * economic development
Geographical descriptor: India * USA * Africa
- 0626 *Central Arid Zone Research Institute (India)*
RECENT DEVELOPMENTS IN RAJASTHAN
Meeting or Conf.: Symposium on Problems of India Arid Zones and the 20th Session of the UNESCO Advisory Committee on Arid Lands, Nov.-Dec. 1964
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1964. 148p. Note: Souvenir volume issued on the occasion of the Symposium on Problems of India Arid Zones and the 20th Session of the UNESCO Advisory Committee on Arid Lands, November-December 1964
Descriptor: agriculture * livestock * sheep * forests * irrigation * groundwater extraction * economic development * archaeology
Geographical descriptor: Rajasthan * India
- 0627 *Central Arid Zone Research Institute (India)*
SEMINAR ON DESERT TECHNOLOGY
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1974
Descriptor: desert technology * water resources development * mineral deposits * dunes * soil conservation * water conservation * erosion control
- 0628 *Central Arid Zone Research Institute, India; Indian Council of Agricultural Research*
SYMPOSIUM ON ARID ZONE
Meeting or Conf.: International Geographical Congress, 21st, Jodhpur, 1968, Proceedings
Lang.: eng. 1968
Descriptor: Patoralism * arid land * nomads * urban areas
Geographical descriptor: Thar Desert * India * Pakistan
- 0629 *Central Soil Salinity Research Institute*
CENTRAL SOIL SALINITY RESEARCH INSTITUTE
Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1987. Series title: *Better Farming in Salt Affected Soils*. No.11. 15p
Descriptor: irrigation * water management * agricultural production * plant breeding * saline soils
Geographical descriptor: India
- 0630 *Central Soil Salinity Research Institute*
SESBANIA FOR GREEN MANURING
Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1985. Series title: *Better Farming in Salt Affected Soils*. No.6. 7p
Descriptor: soil improvement * nitrogen fixation * fertilizers * agricultural production * alkaline soils * seeds * irrigation
Geographical descriptor: India
- 0631 *Central Soil Salinity Research Institute*
SOIL AND WATER SAMPLING FOR SALINITY APPRAISAL
Lang.: eng. Karnal India: Central Soil Salinity Research Institute. 1985. Series title: *Better Farming in Salt Affected Soils*. No.1. 9p
Descriptor: saline soils * soil surveys * water chemistry * agricultural production
Geographical descriptor: India
- 0632 *Central Soil Salinity Research Institute*
TUBEWELLS: GUIDELINES FOR INSTALLATION
Lang.: eng. Karnal India: Central Soil Salinity Research Institute. 1985. Series title: *Better Farming in Salt Affected Soils*. No.3. 11p
Descriptor: agricultural development * technology * alkaline soils * water supply * water management
Geographical descriptor: India

- 0633 *Centre National de la Recherche Scientifique. Centre d'Etudes Phytosociologiques et Ecologiques. Louis Emberger*
CONTRIBUTION A L'ANALYSE ECOLOGIQUE DES ZONES ARIDES DE TUNISIE AVEC L'AIDE DES DONNEES DE LA TELEDETECTION SPATIALE: EXPERIENCE ARZOTU. RAPPORT FINAL 1975-1978
Lang.: fre. Montpellier: Centre National de la Recherche Scientifique, Centre d'Etudes Phytosociologiques et Ecologiques, Louis Emberger. 1978. 222p
Descriptor: remote sensing * environmental models * desertification * land use * mapping * ecology * developing countries
Geographical descriptor: Africa * Tunisia * Sahara
- 0634 *Chakravorty, U.N*
FAO AND THE ENVIRONMENT
Lang.: eng. Rome: FAO. 1986. 76p. Note: Also in French, Spanish
Descriptor: resource conservation * environmental policy * pollution control * natural resources * mangrove forests * desertification * pesticides * economic plants * forestry * international organizations * living resources * natural disasters
- 0635 *Chalmers, J.R*
SOUTHWESTERN GROUNDWATER LAW: A TEXTUAL AND BIBLIOGRAPHIC INTERPRETATION
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1974. Series title: Arid Lands Resources Information Paper. 4. 229p
Descriptor: water use * groundwater * law * bibliographies * groundwater extraction * water law * irrigation water * water extraction * reasonable use * water rights * surface groundwater relationships * water management * water resources development
Geographical descriptor: Southwestern U.S. * Arizona * California * Colorado * Nevada * New Mexico * Texas * Utah
- 0636 *Chamard, P.C*
CONTRIBUTION A L'ETUDE DU QUATERNAIRE RECENT DE L'ADRAR DE MAURITANIE
Lang.: fre. 1972. Series title: Institut Fondamental d'Afrique Noire. Bulletin. Vol.34A(2):p.262-277
Descriptor: wadi * terraces * geomorphology * lake basins * alluvium * Quaternary period * sand * stratigraphy * clay * paleosols
Geographical descriptor: Mauritania * Africa
- 0637 *Chamard, P.C.; Courel, M.F*
CONTRIBUTION A L'ETUDE GEOMORFOLOGIQUE DU SAHEL: LES FORMES DUNAIRE DU NIGER OCCIDENTAL ET DE LA HAUTE VOLTA SEPTENTRIONALE
Lang.: fre. 1976? Series title: Institut Fondamental d'Afrique Noire. Bulletin. (A Paraitre)
Descriptor: crusts * dunes * geomorphology * slopes * climatic geomorphology * topography
Geographical descriptor: Sahel * Niger * Upper Volta * Africa * Burkina Faso
- 0638 *Chamard, P.C*
GEOMORFOLOGIE ET GEOLOGIE DU QUATERNAIRE DU TIRIS MERIDIONAL (ADRAR DE MAURITANIE)
Lang.: fre. 1973. Series title: Institut Fondamental d'Afrique Noire. Bulletin. Vol.35A(2):p.250-272
Descriptor: paleosols * geology * geomorphology * Quaternary period * granite * archaeology * mountains * metamorphic rocks
Geographical descriptor: Mauritania * Africa
- 0639 *Chamard, P.C*
LE BASSIN VERSANT DE LA SEBKHA DE CHEMCHANE (ADRAR DE MAURITANIE). ETUDE GEOMORFOLOGIQUE (Inland Basin of the Sebkhha Chemchane. A Geomorphological Study)
Lang.: fre. Senegal: Universite de Dakar. 1970. 200p
Descriptor: climatic geomorphology * geomorphology * lake basins * sebkhha
Geographical descriptor: Africa * Sebkhha de Chemchane * Sahara * Mauritania
- 0640 *Chamard, P.C.; Guizat, R.; Thilmans, G*
LE LACHOLOCENE ET LE GISEMENT NEOLITHIQUE DE L'OUUM AROUABA (ADRAR DE MAURITANIE)
Lang.: fre. 1970. Series title: Institut Fondamental d'Afrique Noire. Bulletin. Vol.32B(3):p.688-724
Descriptor: Holocene epoch * archaeology * relict vegetation * lakes * sand * clay * paleosols * animal populations
Geographical descriptor: Mauritania * Africa
- 0641 *Chamard, P.C*
LES LACS HOLOCENES DE L'ADRAR DE MAURITANIE ET LEURS PEUPELEMENTS PREHISTORIQUES (The Holocene Lakes of the Adrar of Mauritania and Their Prehistoric Human Settlements)
Lang.: fre. 1972. Series title: Institut Fondamental d'Afrique Noire. Notes Africaines. No.133. 8p
Descriptor: lakes * archaeology * environmental surveys * prehistory * Holocene epoch * paleogeography
Geographical descriptor: Mauritania * Africa
- 0642 *Chamard, P.C*
MONOGRAPHIE D'UNE SEBKHA CONTINENTALE DU SUD-OUEST SAHARIEN: LA SEBKHA DE CHEMCHANE (ADRAR DE MAURITANIE)
Lang.: fre. 1973. Series title: Institut Fondamental d'Afrique Noire. Bulletin. Vol.35A(2):p.207-248
Descriptor: inland basins * arid land
Geographical descriptor: Mauritania * Sahara * Africa * Sebkhha de Chemchane
- 0643 *Chanda, R*
DESERTIFICATION IN AFRICA: A RESULT OF REDUCED RESILIENCE OF ARID ECOSYSTEMS
Lang.: eng. Nazareth, Ethiopia: Organization for Social Science Research in Eastern Africa. 1980. Note: (In) The Development Problems and Prospects of Semi-Arid Areas in Eastern Africa, Proceedings of Workshop, Apr. 9-13, 1980
Descriptor: desertification * ecosystems * semiarid lands
Geographical descriptor: Africa
- 0644 *Chander, S.; Kumar, A*
REAL TIME MANAGEMENT OF WATER RESOURCES IN LOW RAINFALL AREAS
Lang.: eng. Wallingford, U.K.: International Association for Hydrological Sciences. 1982. No.135:p.327-335. Note: (In) Optimal Allocation of Water Resources
Descriptor: water resources * rainfall * irrigation * water management
Geographical descriptor: India
- 0645 *Chansarkar, R.A*
TERRAIN CLASSIFICATION AND PARAMETRIC DATA BASE FOR COASTAL AND DESERTIC AREAS
Lang.: eng. Delhi, India. 1982. Series title: Recent Researches in Geology. Vol.9:p.51-60
Descriptor: land classification * terrain * coastal areas * deserts
- 0646 *Chao, S.C.; Han, C*
DESERT LANDS OF CHINA
Lang.: eng. Lubbock, TX: Texas Tech University, International Center for Arid and Semi-Arid Studies (ICASALS). 1981
Descriptor: deserts * origin * agricultural development * desertification * salinization
Geographical descriptor: China
- 0647 *Chapman, G.P*
AN APPROACH TO DESERT CONTAINMENT AND RETRIEVAL
Lang.: eng. 1988. Series title: Biologist. Vol.35(4):p.217-220
Descriptor: deserts * marginal land * desert plants * genetics * desertification control
Geographical descriptor: Sahara Desert * Africa

- 0648 *Chapman, R.W*
CALCAREOUS DURICRUST IN AL-HASA, SAUDI ARABIA
Lang.: eng. 1974. Series title: *Geological Society of America Bulletin*. Vol.85(1):p.119-130
Descriptor: geology * research * duricrusts * soil types * paleoclimatology * topography * Pleistocene epoch * Pliocene epoch * Holocene epoch * calcareous soils * limestone * calcite
Geographical descriptor: Saudi Arabia * Al Hasa * Middle East
- 0649 *Chapman, R.W*
CLIMATIC CHANGES AND THE EVOLUTION OF LANDFORMS IN THE EASTERN PROVINCE OF SAUDI ARABIA
Lang.: eng. 1971. Series title: *Geological Society of America Bulletin*. Vol.82(10):p.2713-2727
Descriptor: climatic change * relict landforms * desertification * geomorphology * domes * plateaus * stream erosion * tectonics * limestone * calcareous soils * duricrusts * Holocene epoch * Pleistocene epoch * Pliocene epoch * geology * research
Geographical descriptor: Saudi Arabia * Arabian Desert * Middle East
- 0650 *Chapman, T.G*
HYDROLOGY SURVEY AT LORNA GLEN AND WILUNA, WESTERN AUSTRALIA
Lang.: eng. 1962. Series title: *Commonwealth Scientific and Industrial Research Organization (CSIRO). Division of Land Research and Regional Survey. Technical Paper*. 18. 47p
Descriptor: hydrology * grazing * irrigation practices * aquifers * crop production * water management
Geographical descriptor: Western Australia * Australia * Lorna Glen * Wiluna
- 0651 *Chappell Jr., J.R*
CLIMATIC CHANGE RECONSIDERED: ANOTHER LOOK AT 'THE PULSE OF ASIA'
Lang.: eng. 1970. Series title: *Geographical Review*. Vol.60(3):p.347-373
Descriptor: climatic change * history * agriculture * political aspects
Geographical descriptor: Tarim Basin * China
- 0652 *Charley, J.L.; Cowling, S.W*
CHANGES IN SOIL NUTRIENT STATUS RESULTING FROM OVERGRAZING AND THEIR CONSEQUENCES IN PLANT COMMUNITIES OF SEMI-ARID AREAS
Lang.: eng. 1968. Series title: *Ecological Society of Australia. Proceedings*. Vol.3:p.28-38
Descriptor: desert plants * organic matter * nitrogen * plant communities * soil water plant relationships * plant nutrition * soil erosion * productivity * Atriplex * biomass * limiting factors * litter * semiarid lands * soil fertility * overgrazing
Geographical descriptor: Australia
- 0653 *Charney, J.; et al*
A COMPARATIVE STUDY OF THE EFFECTS OF ALBEDO CHANGE ON DROUGHT IN SEMI-ARID REGIONS
Lang.: eng. 1977. Series title: *Journal of the Atmospheric Sciences*. Vol.34(9):p.136-138
Descriptor: albedo * drought * semiarid lands * climate * rainfall * monsoons * environmental impact * models
Geographical descriptor: Africa
- 0654 *Charney, J.; et al*
DROUGHT IN THE SAHARA, A BIOPHYSICAL FEEDBACK MECHANISM
Lang.: eng. 1975. Series title: *Science*. Vol.187:p.434-435
Descriptor: atmospheric circulation * albedo * plant cover * vegetation effects * rainfall reliability * drought * vegetal relationships
Geographical descriptor: Sahara * Africa
- 0655 *Charnock, G*
DESERTIFICATION: THE PRIMARY PROBLEM
Lang.: eng. London, U.K.: T. Telford. May 1985. Series title: *World-Water*. Vol.8:p.20-21. ISSN 0140-9050
Descriptor: desertification * drought * population pressure
Geographical descriptor: Africa
- 0656 *Charnock, G*
LEARNING THE HARD WAY TO BARINGO
Lang.: eng. London, U.K.: T. Telford. May 1985. Series title: *World-Water*. Vol.8:p.22-23,25. ISSN 0140-9050
Descriptor: desertification * population pressure * overgrazing * pastoralism * rural sociology * semiarid lands
Geographical descriptor: Africa * Baringo * Kenya
- 0657 *Charnock, G*
SMALL STEPS FORWARD
Lang.: eng. London, U.K.: T. Telford. May 1985. Series title: *World-Water*. Vol.8:p.26-27,29-30. ISSN 0140-9050
Descriptor: desertification control * water harvesting * rural development * arid land
Geographical descriptor: Kenya
- 0658 *Charon, M.; Hugot, H.; Petit Marie, N*
I: LES RESTES HUMAINS DE TAGDAIT (HOGGAR). II: LES RESTES HUMAINS DE MENIET (AHAGGAR). III: OCCUPATION HUMAINE HOLOCENE DE LA REGION DU CAP JUBY (SUD-OUEST MAROCAIN)
Lang.: fre. Societe d'Anthropologie De Paris. 1973-1974. Series title: *Societe d'Anthropologie de Paris. Bulletins et Memoires*. Ser.13(1):p.151-155;3(2):p.293-310;3(10):p.379-412
Descriptor: coastal areas * prehistory * humans * paleontology * Holocene epoch
Geographical descriptor: Africa * Morocco * Algeria * Sahara
- 0659 *Charriere, G*
LA CULTURE ATTELEE: UN PROGRES DANGEREUX (Drought Cultivation: A Dangerous Improvement)
Lang.: fre. 1984. Series title: *Cahiers ORSTOM. Sciences Humaines*. Vol.20(3-4):p.647-656. Note: Summary language: English
Descriptor: drought * ploughing * erosion * soil fertility * mechanization * tillage
Geographical descriptor: Chad * Africa * Sahel * Sub-Saharan zone
- 0660 *Chase, R.; Boudouresque, E*
METHODS TO STIMULATE PLANT REGROWTH ON BARE SAHELIAN FOREST SOILS IN THE REGION OF NIAMEY NIGER
Lang.: eng. 1987. Series title: *Agriculture, Ecosystems and Environment*. Vol.18(3):p.211-222
Descriptor: revegetation * forest soils * afforestation * plant growth * soils
Geographical descriptor: Sahel * Africa * Niamey * Niger
- 0661 *Chatterton, B.; Chatterton, L*
COMBATING DESERTIFICATION IN NORTH AFRICA AND THE MIDDLE EAST
Lang.: eng. Stowmarket, U.K.: The Soil Association. June 1982. Series title: *Quarterly Review*. p.6-8. ISSN 0307-2576
Descriptor: desertification control
Geographical descriptor: North Africa * Africa * Middle East
- 0662 *Chatterton, L.; Chatterton, B*
COMBATING DESERTIFICATION IN WINTER RAINFALL REGIONS OF NORTH AFRICA AND THE MIDDLE EAST
Lang.: eng. 1981. Series title: *Outlook on Agriculture*. Vol.10(8):p.397-402
Descriptor: desertification * pastures * grazing * arid land
Geographical descriptor: Africa * Middle East * North Africa
- 0663 *Chattopadhyay, G.S*
GEOMORPHOLOGICAL REVIEW OF A PART OF MENDHA RIVER CATCHMENT WITH SPECIAL EMPHASIS ON DESERTIFICATION PROBLEMS
Lang.: eng. Jodhpur, India: Scientific Publishers. 1980. p.31-34
Descriptor: rivers * geomorphology * desertification * catchments
Geographical descriptor: India * Rajasthan * Mendha Catchment Area

- 0664 **Chattopadhyay, G.S**
HUMAN INFLUENCE ON CLIMATIC ENVIRONMENT AND HYDROLOGICAL REGIME OF MENDHA CATCHMENT AREA, RAJASTHAN
Lang.: eng. India: Geological Survey of India. 1984. Series title: *Indian Minerals*. Vol.38(3):p.54-58. ISSN 0019-5936
Descriptor: climate * environmental impact * human activity * hydrology
Geographical descriptor: Mendha Catchment Area * Rajasthan * India
- 0665 **Chaudhri, I.I.; Qadir, S.A**
SAND DUNES VEGETATION OF COASTAL REGION OF KARACHI
Lang.: eng. 1958. Series title: *Pakistan Journal of Forestry*. Vol.8(4):p.337-341
Descriptor: dunes * deserts * coastal areas * vegetation * desert plants * sand
Geographical descriptor: Karachi * Pakistan
- 0666 **Chaudhri, I.I**
SUCCESSION OF VEGETATION IN THE ARID REGIONS OF WEST PAKISTAN PLAINS
Meeting or Conf.: Symposium on Soil Erosion and its Control in the Arid and Semi-Arid Zones, Karachi, 1957, Proceedings
Lang.: eng. 1960. p.141-156
Descriptor: arid land * plains * vegetation * plant succession
Geographical descriptor: Pakistan
- 0667 **Chavaillon, J**
LES FORMATIONS QUATERNAIRES DU SAHARA NORD-OCCIDENTAL
Lang.: fre. Paris: Centre National de la Recherche Scientifique. Centre de Recherches Sur les Zones Arides. 1964. Series title: *Centre de Recherches Sur les Zones Arides, Ser. Geologie*. Ser. Geologie 5. 393p
Descriptor: Quaternary period * geology * geologic structures * landforms
Geographical descriptor: Sahara * Africa
- 0668 **Chavaillon, J**
PREHISTOIRE SAHARIENNE ET STRATIGRAPHIE PLEISTOCENE (Saharan Prehistory and Pleistocene Stratigraphy)
Lang.: fre. 1966. Series title: *Quaternaria*. Vol.8. 7p
Descriptor: prehistory * stratigraphy * archaeology * pleistocene epoch
Geographical descriptor: Africa * Mauritania * Saoura * Algeria
- 0669 **Chaves, L.F**
GEOGRAFIA AGRARIA DE VENEZUELA (Agrarian Geography of Venezuela)
Lang.: spa. Caracas: Universidad Central de Venezuela. 1963. 257p
Descriptor: physical geography * natural resources * agricultural surveys
Geographical descriptor: Venezuela * South America
- 0670 **Chazine, H**
WEST AFRICA: IMPRESSIONS AND INTERVIEWS
Lang.: eng. 1985. Series title: *Unasylva*. Vol.37(4)No.150 p.27-32. Note: Also in Spanish, French
Descriptor: desertification * forest resources * afforestation * forestry practices * living resources * natural disasters * natural resources
Geographical descriptor: West Africa * Africa
- 0671 **Chen, Y.E**
VEGETATION SUCCESSION OF ABANDONED STEPPES AFTER RECLAMATION IN YANCHI REGION OF NINGXIA, CHINA
Lang.: chi. 1985. Series title: *Grassland of China*. Vol.23(1):p.13-17
Descriptor: reclamation * plant succession * grasslands * steppes
Geographical descriptor: Yanchi region * Ningxia * Shaanxi * China
- 0672 **Cheng, J.A**
STUDIES ON THE CHARACTERISTICS OF DEW IN THE SAND DUNES OF DESERT AREAS, CENTRAL KANSU
Lang.: chi. 1963. Series title: *Acta Pedologica Sinica*. Vol.11(1):p.84-91. Note: Summary language: English
Descriptor: sand * soil moisture * condensation * deserts * particle size * porosity * physico-chemical properties of soils * dew * dunes
Geographical descriptor: China
- 0673 **Cherednichenko, V.P**
GEOMORFOLOGICAL SUBSTANTIATION OF THE DESIGNING AND LAYING OF PIPELINES IN THE DESERT
Lang.: eng. 1972. Series title: *Geomorfologiya*. Vol.2:p.34-39
Descriptor: geomorphology * sand * sand control * pipelines
Geographical descriptor: Central Asia * Bukhara Ural * USSR
- 0674 **Cherednichenko, V.P**
MORFOLOGIYA EOLOVOGOREL'YEF A STROITEL'STVO TRUBOPROVODOV V PUSTYN (Morphology of Eolian Topography and Pipeline Laying in the Desert)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1973. 130p
Descriptor: eolian soils * topography * pipelines * deserts
Geographical descriptor: Kyzylkum * Zaunguz Karakums * Amu Darya River Delta * USSR
- 0675 **Cherednichenko, V.P**
PRINCIPLES FOR THE PROTECTION OF PIPELINES FROM SAND BLOWING
Lang.: eng. 1971. Series title: *Problems of Desert Development*. No.4:p.79-83. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sand * sand control * pipelines
- 0676 **Cherednichenko, V.P**
WIND REGIMEN AND DYNAMICS OF SHIFTING SANDS IN NORTHERN ZAUNGUZ'YE
Lang.: eng. 1970. Series title: *Problems of Desert Development*. Vol.1:p.40-49. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sand * wind action * wind erosion
Geographical descriptor: Zaunguz Ye * USSR
- 0677 **Chernenko, I.M**
MORE ABOUT THE ARAL SEA PROBLEMS
Lang.: eng. New York: Allerton Press. 1987. Series title: *Problems of Desert Development*. 1987(4):p.56-61. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn* (1987, no.4:p.53-57)
Descriptor: water shortage * salinization * water use * environmental impact * arid zones
Geographical descriptor: Kazakh SSR * USSR * Aral Sea
- 0678 **Chernenko, I.M**
PROBLEMS OF CONTROLLING THE ARAL SEA'S WATER-SALT REGIME
Lang.: eng. 1986. Series title: *Problems of Desert Development*. No.1:p.1-10. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn* (1986, No.1:p.3-11)
Descriptor: irrigation * soil salinization * desertification * saline lakes * environmental degradation
Geographical descriptor: Kazakh SSR * Uzbek SSR * USSR
- 0679 **Chevalier, A**
LES PLACES DEPOURVUES DE VEGETATION DANS LE SAHARA ET LEUR CAUSE SOUS LA RAPPORT D'ECOLOGIE VEGETALE
Lang.: fre. 1934. Series title: *Academie des Sciences. Comptes Rendus*. Vol.194(5):p.1-480
Descriptor: vegetation change * desertification * humans * domestic animals * desiccation * grazing effects
Geographical descriptor: Sahara * Africa

- 0680 *Chew, R.M*
CHANGES IN HERBACEOUS AND SUFRUTESCENT PERENNIALS IN GRAZED AND UNGRAZED DESERTIFIED GRASSLAND IN SOUTHEASTERN ARIZONA, 1958-1978
Lang.: eng. July 1982. Series title: American Midland Naturalist. Vol.108(1):p.159
Descriptor: arid land * grazing * perennials * grasslands
Geographical descriptor: Arizona
- 0681 *Chidumayo, E.N.; Chidumayo, S.B.M*
THE STATUS AND IMPACT OF WOODFUEL IN URBAN ZAMBIA
Lang.: eng. Lusaka, Zambia: Department of Natural Resources. 1984. 52p
Descriptor: fuelwood * deforestation * environmental impact * economic development * afforestation * appropriate technology
Geographical descriptor: Zambia * Africa
- 0682 *Child, D.R.; et al*
A NATIONAL RANGELAND AND RAINFED WATERSHED PROGRAM: SUBMITTED TO THE HASHIMITE KINGDOM OF JORDAN
Lang.: eng. Note: Unpublished report. Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: rangelands * land management * watersheds * environmental law * economic development
Geographical descriptor: Jordan * Middle East
- 0683 *Chile. Comision Chilena para el Estudio de las Zonas Aridas (Santiago)*
INFORME NACIONAL SOBRE LAS ZONAS ARIDAS DE CHILE (National Report on Chile's Arid Zones)
Lang.: spa. Santiago, Chile: Comision Chilena para el Estudio de las Zonas Aridas. 1963. 99p
Descriptor: arid land * deserts * coastal areas
Geographical descriptor: Chile * South America
- 0684 *Chile. Instituto de Investigaciones Agropecuarias*
DESERTIFICATION IN THE REGION OF COQUIMBO CHILE. CASE STUDY PRESENTED BY THE GOVERNMENT OF CHILE
Lang.: eng. Paris: UNESCO. 1980. 52-114p. Note: (In) Case Studies on Desertification by J.A. Mabbutt and C. Floret (eds.)
Descriptor: desertification * case studies * land types * arid land
Geographical descriptor: Coquimbo * Chile * South America
- 0685 *Chile. Oficina Meteorologica; World Meteorological Organization, Geneva*
RESUMEN ESTADO SEQUIA COPIAPO-CHILLAN (Summary of Drought Conditions in the Copiapo-Chillan Sector)
Lang.: spa. Santiago, Chile: Oficina Meteorologica. Comision Nacional Decenio Hidrologico. Geneva: World Meteorological Organization. 1970. 9p
Descriptor: environmental surveys * drought
Geographical descriptor: Chile * Copiapo-Chillan Sector * South America
- 0686 *China. Academy of Sciences*
COMBATING DESERTIFICATION IN CHINA
Lang.: eng. Oxford, U.K.: Pergamon Press. 1980. p.109-144. Note: (In) Desertification: Associated Case Studies Prepared for the United Nations Conference on Desertification by M.R. Biswas and A.K. Biswas (eds.), 523p
Descriptor: soil fertility * desertification control * soil management
Geographical descriptor: China
- 0687 *China. Department of Desert Research (Lanzhou); Academia Sinica*
COMBATING DESERTIFICATION IN CHINA: SUMMARY REPORT ON THE EXPERIENCES OF THE MASSES IN COMBATING THE DESERTS. An associated case study Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/18. 1977. 50p
Descriptor: case studies * deserts * desertification * sand control * reclamation * oases * afforestation * windbreaks * plant establishment * dunes * soil stability * water resources development
Geographical descriptor: China
- 0688 *China. Department of Desert Research (Lanzhou); Academia Sinica*
DESERT TRANSFORMATION IN CHINA: SUMMING-UP OF MASSES' EXPERIENCES IN SAND CONTROL
Lang.: eng. 1978. Series title: Scientia Sinica. Vol.21(2):p.251-278
Descriptor: desertification control * deserts * shelterbelts * sand control * hazards * barriers * irrigation canals * bioclimatology * reclamation * grazing * plant establishment * soil stabilization * productivity * planning
Geographical descriptor: China * Sinkiang
- 0689 *China. Department of Desert Research. Lanzhou Institute of Glaciology. Cryopedology and Desert Research*
STABILIZING SAND DUNES WITH VEGETATION
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1982. p.36-42. Note: (In) Combating Desertification in China by J. Walls (ed.)
Descriptor: sand control * Artemisia * plant succession * Hedysarum * Artemisia * Caragana * Ceratoides latens * Reamuria soongorica * Salsola passerina * Haloxylon persicum * Haloxylon ammodendron * Populus euphraticus * Tamarix hispida * Salix mongolica * Atraphaxis * arid land * desertification control * dunes * Euphratica * reclamation
Geographical descriptor: Gansu * China
- 0690 *China. Department of Desert Research. Lanzhou Institute of Glaciology. Cryopedology and Desert Research*
THE TRANSFORMATION OF DESERTS IN CHINA: A SUMMARY VIEW OF THE PEOPLE'S EXPERIENCES IN CONTROLLING SAND
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1982. p.4-29. Note: (In) Combating Desertification in China by J. Walls (ed.)
Descriptor: deserts * sand control * Artemisia * Melilotus alba * Medicago sativa * Sorghum sudanese * Astragalus * Lespedeza * desertification control * Caragana * Populus cuspidata * Elaeagnus angustifolia * Salix cheilophila * dunes * pastures * shelterbelts * Populus * reclamation * Salix
Geographical descriptor: China
- 0691 *China. Department of Desert Research. Lanzhou Institute of Glaciology. Cryopedology and Desert Research*
THE UTILIZATION AND IMPROVEMENT OF PASTURE IN CHINA'S STEPPE ZONE, TAKING THE ORDOS PLATEAU AS AN EXAMPLE
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1982. p.49-56. Note: (In) Combating Desertification in China by J. Walls (ed.), 70p
Descriptor: Leymus secalinus * grassland improvement * Calamagrostis pseudophragmites * Medicago sativa * Astragalus * Melilotus * Caragana * Artemisia * sand control * Salix mongolica * pastures * range management * Hedysarum
Geographical descriptor: China
- 0692 *China. Office of Environmental Protection*
TAME THE WIND, HARNESS THE SAND AND TRANSFORM THE GOBI
Lang.: eng. Oxford, U.K.: Pergamon Press. 1980. p.163-177. Note: (In) Desertification: Associated Case Studies prepared for The United Nations Conference on Desertification by M.R. Biswas and A.K. Biswas (eds.), 523p
Descriptor: case studies * reclamation * land types * deserts * desertification control * desertification * dune stabilization * afforestation * shelterbelts * windbreaks * dunes
Geographical descriptor: China

- 0693 *China. Sinkiang Uighur Autonomous Region. Office of Environmental Protection*
CHINA: TAME THE WIND, HARNESS THE SAND AND TRANSFORM THE GOBI. An associated case study
Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/16. 1977. 21p
Descriptor: sand control * wind power * case studies * plant establishment * afforestation * oases * erosion * windbreaks
Geographical descriptor: China * Sinkiang
- 0694 *China. Wushenchao Commune. Wushen Banner (Inner Mongolia)*
CHINA: CONTROL THE DESERTS AND CREATE PASTURES. An associated case study
Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 7, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/17. 1977. 50p
Descriptor: deserts * case studies * pastures * shelterbelts * sand control * afforestation * plant establishment * forage * grasses * fodder plants * water resources development
Geographical descriptor: China * Ordos
- 0695 *Chippendale, G.M.*
PASTURE DETERIORATION IN CENTRAL AUSTRALIA
Lang.: eng. 1963. Series title: Australian Institute of Agricultural Science. Journal. Vol.29(2):p.84-89
Descriptor: pastures * rangelands * soil erosion * wind action * overgrazing * denudation * settlements
Geographical descriptor: Northern Territory * South Australia * Australia
- 0696 *Chippendale, G.M.*
THE EFFECTS OF GRAZING OF TOPFEED IN CENTRAL AUSTRALIA
Lang.: eng. 1963. Series title: Australian Journal of Experimental Agriculture and Animal Husbandry. Vol.3:p.30-34
Descriptor: grazing effects * rangelands * range management
Geographical descriptor: Northern Territory * South Australia * Australia
- 0697 *Chisholm, C.*
SUCCESSION IN DESIGN AND IMPLEMENTATION
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. Series title: ICLA Bulletin. No.9:p.18-19. Note: (In) Pastoral Development Projects
Descriptor: livestock * economics * development * aid * pastoralism * nomads
Geographical descriptor: Africa
- 0698 *Chizhikov, O.N.*
DEVELOPMENT OF PASTURES ON SANDS OF THE NORTHWESTERN PRIKASPIYA AREA
Lang.: eng. 1971. Series title: Problemy Osvoeniya Pustyn. Vol.2:p.81-84
Descriptor: sand * pastures * sandy soils * revegetation * Agropyron desertorum * Elymus giganteus
Geographical descriptor: Prikaspiya Area * USSR
- 0699 *Chinniah, G.C.; Venkataratnam, L.; Narayan, L.R.A.*
COMPUTER PROCESSING OF LANDSAT DATA TO IDENTIFY AND MAPPING OF ENVIRONMENTAL HAZARDS IN PARTS OF ANDHRA PRADESH
Meeting or Conf.: Asian Conference on Remote Sensing, 6th. Proceedings, Hyderabad, India, Nov. 21-26, 1985
Lang.: eng. Tokyo, Japan: University of Tokyo. 1986. p.552-557
Descriptor: environmental monitoring * hazards * image processing * Landsat * satellites * satellite imagery * thematic mapping * desertification * image analysis * land use
Geographical descriptor: Andhra Pradesh * India
- 0700 *Choubert, G.; et al*
ESSAI DE CLASSIFICATION DU QUATERNAIRE CONTINENTAL DU MAROC
Lang.: fre. Paris: Academie des Sciences. 1956. Series title: Academie des Sciences. Comptes Rendus. Vol.243(5):p.504-506
Descriptor: land classification * Quaternary period * geomorphology
Geographical descriptor: Africa * Morocco
- 0701 *Choudhury, B.J.; Tucker, C.J.*
MONITORING GLOBAL VEGETATION USING NIMBUS-737 GHZ. DATA. SOME EMPIRICAL RELATIONS
Lang.: eng. 1987. Series title: International Journal of Remote Sensing. Vol.8(7):p.1085-1090. ISSN 0143-1161
Descriptor: Nimbus 7 * satellites * remote sensing * vegetation * carbon dioxide * global surveys * microwave radiometers * rainfall
- 0702 *Christensen, E.M.; Hutchinson, M.A.*
HISTORICAL OBSERVATION ON THE ECOLOGY OF RUSH AND TOOLEE VALLEYS, UTAH
Lang.: eng. 1965. Series title: Utah Academy of Sciences Arts and Letters. Proceedings. Vol.42(1):p.90-105
Descriptor: history * vegetation * grasses * desert plants * shrubs * plant communities * soil types * phytogeography * Artemisia * Atriplex * Juniperus * floods * dust storms * plant invaders * Bromus * wildlife habitats
Geographical descriptor: Utah * Tooele Valley * Rush Valley
- 0703 *Christensen, E.M.; Johnson, H.B.*
PRESETTLEMENT VEGETATION AND VEGETATIONAL CHANGE IN THREE VALLEYS IN CENTRAL UTAH
Lang.: eng. Provo, UT: Brigham Young University. 1964. Series title: Science Bulletin. Biological Series. Vol.4(4). 16p
Descriptor: vegetation * grazing * dunes * wind erosion * shrubs * Juniperus * history * semiarid climate * grasslands * grassland biome * desert plants * vegetation change * grasses
Geographical descriptor: Utah * Great Basin * Western U.S
- 0704 *Christiansson, C.*
NOTES ON MORPHOLOGY AND SOIL EROSION IN KONDOA AND SINGIDA DISTRICTS, CENTRAL TANZANIA
Lang.: eng. 1972. Series title: Geografiska Annaler. Vol.45A. p.319. Note: (In) Studies of Soil Erosion and Sedimentation in Tanzania by A. Rapp, L. Berry, and P.H. Temple (eds.)
Descriptor: sedimentation * soil surveys * soil erosion * geomorphology
Geographical descriptor: Tanzania * Africa * Kondoa District * Singida District
- 0705 *Christy, L.C.*
LEGISLATIVE PRINCIPLES OF SOIL CONSERVATION
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1971. Series title: FAO Soils Bulletin. No.15. v.68p
Descriptor: environmental law * water erosion * wind erosion * forests * information
Geographical descriptor: Africa * Latin America and the Caribbean * Asia and the Pacific * Europe * North America
- 0706 *Chu Chen-ta; et al*
SHA-MO TI-CHU FENG-SHATI-MAOT'IAO-CHA-FA (Survey Methods on Shifting Sand Topography in Desert Regions)
Lang.: chi. Peiping, China: Scientific Press. 1961. 61p. Note: Translation issued 1962 by U.S. Joint Publications Research Service, Washington, D.C. as JPRS Document 16,637;95p
Descriptor: deserts * topography * sand control * wind action * eolian soils * sand * sand deserts
Geographical descriptor: Central Asia
- 0707 *Chu, C.; Liu, S.*
CHUNG-KUO K'OHSUEH YUAN LAN-CHOUSHAMO YEN CHIU SO (The Desertification Process and Its Control Area of the Northern Districts of China. Ti 1 Pan)
Lang.: chi. 1981. 82p., ill., maps (some folded). Note: Chung-kuo pei fang ti ch'u ti sha mo hua kuo ch'eng chi ch'i chih li ch'u hua
Descriptor: desertification control
Geographical descriptor: China
- 0708 *Chukhina, V.*
SAXAUL FELLING AND RESTORATION
Lang.: eng. 1973. Series title: Sel'skoye Khozyaystvo Uzbekistana. Vol.9:p.51-52
Descriptor: Haloxylon ammodendron * felling * reforestation

- 0709 *Chung-kuo K'o Hsueh Yuan; Lan-chou Ping Ch'uan Tung T'u Sha Mo Yen Chiu So; Sha Mo Yen Chiu Shih*
NUNG T' IENSHAI HAI TI CHIH LI (Managing Sand Damaged Fields. Ti 1 Pan)
Lang.: chi. Pei-ching, China: K'o Hsueh Ch'u Pan She. 1977. iv, 169p
Descriptor: desertification control * deserts * reclamation * sandstorms
Geographical descriptor: China * Northwest China
- 0710 *Chupakhin, V.M*
COMPLEX PHYSICAL-GEOGRAPHIC ZONING OF SEMI-DESERT AND DESERT TERRITORIES IN KAZAKHSTAN FOR AGRICULTURAL PURPOSES
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1971. p.75-88.
Note: (In) Prirodnnye usloviya i podvizhnyye peski pustyn (Desert Natural Conditions and Shifting Sands)
Descriptor: agricultural development * deserts * semideserts * geophysics * planning
Geographical descriptor: Kazakh SSR * USSR
- 0711 *Chupakhin, V.M*
REGIONAL ECOLOGICAL SCHEME FOR COMBATING DESERTIFICATION
Lang.: eng. New York: Allerton Press. 1988. Series title: Problems of Desert Development. No.2:p.12-17. ISSN 0278-4750. Note: Translated from: Problemy Osvoeniya Pustyn (1988, No.2:p.13-18)
Descriptor: ecology * regional planning * natural resources * socioeconomic impacts * trends * landscape
- 0712 *Clanet, J.C*
LES CONSEQUENCES DES ANNEES SECHES 1969-1973 SUR LA MOBILITE DES ELEVEURS AU KANEM
Lang.: fre. Bordeaux, France. 1976? Series title: Cahiers D'Outre Mer. A Paraitre
Descriptor: pastoralism * livestock * aridity * drought * nomads * transhumance * migration
Geographical descriptor: Chad * Africa
- 0713 *Clapp, G.R*
IRAN, A T.V.A. FOR THE KHUZESTAN REGION
Lang.: eng. 1957. Series title: Middle East Journal. Vol.11:p.1-11
Descriptor: water management * dams
Geographical descriptor: Iran * Khuzestan Region * Middle East
- 0714 *Clark University. Program for International Development*
FUELWOOD AND ENERGY IN EASTERN AFRICA: AN ASSESSMENT OF THE ENVIRONMENTAL IMPACT OF ENERGY USERS
Lang.: eng. Worcester, MA: Clark University. 1981. Series title: AID Research and Development Abstracts. Vol.9(2):p.41. Note: Document published in 1978, contains 153p., Contract no.: AID/af-G-1356
Descriptor: fuelwood * energy * environmental policy * environmental impact
Geographical descriptor: East Africa
- 0715 *Clarke, R*
SANDS OF CHANGE; WHY LAND BECOMES DESERT AND WHAT CAN BE DONE ABOUT IT
Lang.: eng. 1988. Series title: United Nations Environment Programme. Environment Briefs. 1988(2). 8p
Descriptor: rural areas * population pressure * water harvesting * reforestation * farming * land use planning
Geographical descriptor: Developing Countries
- 0716 *Clarke, R*
THE HANDBOOK OF ECOLOGICAL MONITORING
Lang.: eng. 1988. Series title: United Nations Environment Programme. Environment Briefs. No.2. 8p
Descriptor: developing countries * rural areas * population pressure * water harvesting * reforestation * farming * land use planning
- 0717 *Clarke, R. (ed.)*
WOOD-STOVE DISSEMINATION: PROCEEDINGS OF THE CONFERENCE HELD AT WOLFHEZE, THE NETHERLANDS
Meeting or Conf.: International Workshop on Wood-stove Dissemination. Wolfheze, The Netherlands, 1983. Proceedings
Lang.: eng. London, U.K.: Intermediate Technology Publications. 1985. 202p. ISBN 0-946688-55-9
Descriptor: fuelwood * appropriate technology * wood-stove dissemination * extension
Geographical descriptor: Guatemala * Sri Lanka * Africa * Central America * Middle East
- 0718 *Clausen, G.S*
OPTIMAL OPERATION OF WATER-SUPPLY SYSTEMS
Lang.: eng. Tucson, AZ: University of Arizona. 1970. 153p. Note: Ph.D. Dissertation
Descriptor: water supply * water costs * water resources development * mathematical models
Geographical descriptor: Arizona * Tucson Basin * Avra Valley
- 0719 *Clawson, M.; Landsberg, N.N.; Alexander, L.T*
THE AGRICULTURAL POTENTIAL OF THE MIDDLE EAST
Lang.: eng. New York: Elsevier. 1971. 312p
Descriptor: agriculture * land use * water resources * soil types * human resources
Geographical descriptor: Middle East * Egypt * Israel * Jordan * Lebanon * Syria * Iraq
- 0720 *Clos Arceduc, A*
ANALOGIES DE L'ALLUVIONNEMENT DANS L'EAU ET DE LA MISE EN PLACE DES DEPOTS EOLIENS
Meeting or Conf.: Congres des Societes Savantes de Paris et des Departements, 92E, Strasbourg-Colmar, 1967, Actes
Lang.: fre. 1970. p.183-194
Descriptor: alluvium * dunes * barchans * ergs * eolian soils * wind action * sedimentation * erosion
- 0721 *Clos Arceduc, A*
ESSAI D'EXPLICATION DES FORMES DUNAIRES SAHARIENNES. ETUDES DE PHOTO-INTERPRETATION
Lang.: fre. Paris: Institut Geographique National. 1970. 64p
Descriptor: photointerpretation * dunes * barchans * erosion * wind action * photography
Geographical descriptor: Africa * Sahara
- 0722 *Clos Arceduc, A*
LES DUNES ET L'EVOLUTION DU CLIMAT
Meeting or Conf.: Congres des Societes Savantes de Paris et des Departements, 96E, Toulouse, 1971, Actes
Lang.: fre. 1975. (A Paraitre)
Descriptor: remote sensing * dunes * aerial photography * climatic geomorphology * desertification
Geographical descriptor: Sahel * Africa
- 0723 *Clos Arceduc, A*
LES FLEUVES DE SABLE ENTRE LE MAROC ET LA MAURITANIE, ET LA THEORIE DES BARKHANES (The Sand Streams Between Morocco and Mauritania, and the Theory of Barchans)
Lang.: fre. 1965. Series title: Academie des Sciences. Comptes Rendus. Vol.261(18):p.3637-3639
Descriptor: barchans * sand * climatic change * aerial photography
Geographical descriptor: Africa * Mauritania * Morocco
- 0724 *Clos Arceduc, A*
LES SILKS ET L'ASSECHEMENT DU SAHEL
Meeting or Conf.: Congres des Societes Savantes, 99E, Besancon, 1974, Actes
Lang.: fre. 1974. A Paraitre
Descriptor: aridity * sand * soil types * climatic geomorphology
Geographical descriptor: Sahel * Africa
- 0725 *Cloudsley-Thompson, J.L*
ANIMAL LIFE AND DESERTIFICATION
Lang.: eng. 1977. Series title: Environmental Conservation. Vol.4(3):p.199-204
Descriptor: desertification * animal ecology * desert biome * herbivores * wildlife * zoogeography * distribution patterns * environmental impact * animal populations

- 0726 *Cloudsley-Thompson, J.L.*
ANIMAL TWILIGHT: MAN AND GAME IN EASTERN AFRICA
Lang.: eng. London, U.K.: Foulis. 1967. 204p
Descriptor: humans * game animals * animal populations * wildlife conservation
Geographical descriptor: East Africa * Africa
- 0727 *Cloudsley-Thompson, J.L.*
ANIMAL UTILIZATION
Lang.: eng. American Association for the Advancement of Science. 1970. p.57-72. Note: (In) Arid Lands in Transition by H.E. Dregne (ed.)
Descriptor: arid land * Xerophyta * grazing * herbivores * social aspects * animal behavior * water utilization * dams * ecology * water balance * goats * cattle * food habits * land use * ecosystems * water quality * productivity * settlements * political aspects * nomads * irrigation effects * camels * ostriches
Geographical descriptor: Sahara * Africa
- 0728 *Cloudsley-Thompson, J.L.*
DESERTIFICATION OR SUSTAINABLE YIELDS FROM ARID ENVIRONMENTS
Lang.: eng. 1988. Series title: Environmental Conservation. Vol.15(3):p.197-204
Descriptor: overgrazing * deforestation * fuelwood * salinization * revegetation * afforestation * drought tolerance * dunes * sand control * windbreaks * soil reclamation * arid zones
- 0729 *Cloudsley-Thompson, J.L.*
HUMAN ACTIVITIES AND DESERT EXPANSION
Lang.: eng. 1978. Series title: Geographical Journal. Vol.144(3):p.416-423
Descriptor: human activity * desertification * overgrazing * deforestation * water harvesting * land use * alternative planning * development
- 0730 *Cloudsley-Thompson, J.L.*
INTRODUCTION
Lang.: eng. Oxford, U.K.: Pergamon Press. 1984. p.1-16. Note: (In) Sahara Desert by J.L. Cloudsley-Thompson (ed.)
Descriptor: deserts
Geographical descriptor: Africa * Sahara * North Africa
- 0731 *Cloudsley-Thompson, J.L.; Chadwick, M.J.*
LIFE IN DESERTS
Lang.: eng. London, U.K.: G.T. Foulis. 1964. 218p
Descriptor: deserts * ecology * animals * plant physiology * animal physiology * environment * adaptation * vegetation * topography * climate * drought tolerance * climatic vegetal relationships * biogeography * bioclimatology * desert biome
- 0732 *Cloudsley-Thompson, J.L.*
MAN AND THE BIOLOGY OF ARID ZONES
Lang.: eng. London, U.K.: Edward Arnold. 1977. 182p
Descriptor: humans * biology * arid land * desertification * adaptation * human diseases
- 0733 *Cloudsley-Thompson, J.L.*
RECENT EXPANSION OF THE SAHARA
Lang.: eng. 1971. Series title: International Journal of Environmental Studies. Vol.2(1):p.35-39
Descriptor: arid * desertification * climatic change * grazing * environmental impact
Geographical descriptor: Sahara * Africa
- 0734 *Cloudsley-Thompson, J.L.*
RECLAMATION OF THE SAHARA
Lang.: eng. 1977. Series title: Environmental Conservation. Vol.4(2):p.115-119
Descriptor: reclamation * development * appropriate technology * agricultural development
Geographical descriptor: Sudan * Africa * Sahara
- 0735 *Cloudsley-Thompson, J.L. (ed.)*
SAHARA DESERT
Lang.: eng. Oxford, U.K.: Pergamon Press. 1984. 348p. ISBN 0-08-028869-3. Note: Published in collaboration with the International Union for Conservation of Nature and Natural Resources (IUCN)
Descriptor: ecology * climate * geology * soils * microclimatology * plant ecology * soil biology
Geographical descriptor: Sahara * Africa
- 0736 *Cloudsley-Thompson, J.L.*
STRESSING DESERTIFICATION
Lang.: eng. 1982. Series title: Environmental Conservation. Vol.9(3):p.177
Descriptor: desertification * environmental protection
- 0737 *Cloudsley-Thompson, J.L.*
THE EXPANDING SAHARA
Lang.: eng. 1974. Series title: Environmental Conservation. Vol.1(1):p.5-13
Descriptor: desertification * savannas * human activity * vegetation * overgrazing * clear cutting
Geographical descriptor: Africa * Sahel * Sahara
- 0738 *Cloudsley-Thompson, J.L.*
THE FOOTPRINT IN THE SAND
Lang.: eng. 1984. Series title: Environmental Conservation. Vol.11(2):p.95
Descriptor: environmental protection
- 0739 *Cloudsley-Thompson, J.L.*
THE FUTURE OF ARID ENVIRONMENTS
Meeting or Conf.: International Symposium on Arid Zone Research and Development, Jodhpur, India, Feb. 14-18, 1978
Lang.: eng. Jodhpur, India: Center for Arid Zone Research Institute. 1980. p.469-474. Note: (In) Arid Zone Research and Development, Mann, H.S. (ed.)
Descriptor: arid land * desertification * environmental protection
- 0740 *Cloudsley-Thompson, J.L.*
THE ZOOLOGY OF TROPICAL AFRICA
Lang.: eng. New York: Norton. 1969. 355p
Descriptor: zoology * tropics * humans * environmental impact * biome
- 0741 *Cloudsley-Thompson, J.L.*
WATER INTO THE 1990'S: THE PROBLEMS OF THE DESERT BIOME
Lang.: eng. 1985. Series title: International Journal of Environmental Studies, A. Vol.25(3):p.149-158
Descriptor: deserts * desertification * water management * arid land * land types * desert biome
- 0742 *Club des Amis du Sahel*
L'AGROFORESTERIE DANS LE SAHEL OUEST AFRICAIN (Agroforestry in the West African Sahel Region)
Lang.: fre. Paris: Club du Sahel. 1984. 102p
Descriptor: assessment * development policy * agroforestry * arid land
Geographical descriptor: Sahel * West Africa * Africa
- 0743 *Club du Sahel*
FOOD SELF SUFFICIENCY AND ECOLOGICAL BALANCE IN THE SAHEL COUNTRIES
Lang.: eng. Paris: OECD. 1982. 22p
Descriptor: international cooperation * drought * food supply * forest management * regional development * community forestry
Geographical descriptor: Africa * Sahel

- 0744 *Club du Sahel; OECD*
PROPOSAL FOR A REGIONAL STRATEGY OF DESERTIFICATION CONTROL: AN APPLICATION OF THE 1984 REVISED STRATEGY FOR DROUGHT CONTROL AND DEVELOPMENT IN THE SAHEL. REGIONAL SEMINAR ON DESERTIFICATION, NOUAKCHOTT, 1984
Lang.: eng. Paris: Club du Sahel. 1985. Sahel D(85)261. 18p
Descriptor: desertification * drought * desertification control * drought control
Geographical descriptor: Sahel * Africa
- 0745 *Clyma, W.; Young, R.A*
ENVIRONMENTAL EFFECTS OF IRRIGATION IN THE CENTRAL VALLEY OF ARIZONA
Meeting or Conf.: American Society of Civil Engineers, National Meeting on Environmental Engineering, Chattanooga, TN, May 13-17, 1968
Lang.: eng. 1968. 28p
Descriptor: salinity * environmental impact * irrigation effects * water supply * water resources development * irrigation * irrigation water * climate * vegetation * groundwater * groundwater extraction * surface water * water utilization * water resources * water transfer * water quality * social aspects
Geographical descriptor: Arizona * Salt River Valley
- 0746 *Cobb, L.G*
THE EL NINO PHENOMENON AND RAINFALL IN PERU AND ECUADOR
Lang.: eng. Ft. Monmouth, NJ: U.S. Army Electronics Command, Technical Report. 1967. p.87-103. Note: (In) Research on Tropical Rainfall Patterns and Associated Mesoscale Systems by W.K. Henry et al. (eds.)
Descriptor: El Nino * rainfall * deserts * coastal areas * ocean currents * Peru current * air circulation * water temperature * summer precipitation * storms
Geographical descriptor: Peru * Chile * Ecuador * South America
- 0747 *Coblentz, B.E*
SOME RANGE RELATIONSHIPS OF FERAL GOATS ON SANTA CATALINA ISLAND, CALIFORNIA
Lang.: eng. 1977. Series title: Journal of Range Management. Vol.30(6):p.415-419
Descriptor: goats * food habits * islands * animal damage * environmental impact
Geographical descriptor: California
- 0748 *Cochune, J.; Franquin, P*
AN AGROCLIMATOLOGICAL SURVEY OF A SEMIARID AREA IN AFRICA SOUTH OF SAHARA
Lang.: eng. World Meteorological Organization. 1967. Series title: World Meteorological Organization. Technical Note. No.86. 136p
Descriptor: aid * agrometeorology * crop production * productivity * summer * wet seasons * meteorological data * plant growth * flowering * phenology * solar radiation * maps * semiarid climate * rainfall * climatic data * evaporation
Geographical descriptor: Burkina Faso * Africa * Sahel * Mauritania * Mali * Upper Volta * Ghana * Niger * Nigeria * Chad
- 0749 *Coe, M*
THE SOUTH TURKANA EXPEDITION Scientific Papers 9: Ecological Studies of the Small Mammals of South Turkana
Lang.: eng. 1972. Series title: Geographical Journal. Vol.138(3):p.316-335
Descriptor: mammals * animal ecology
Geographical descriptor: Kenya * Turkana * Africa
- 0750 *Coetzee, J.A*
POLLEN ANALYTICAL STUDIES IN EAST AND SOUTHERN AFRICA
Lang.: eng. 1967. Series title: Palaeoecology of Africa. Vol.3:p.118-129
Descriptor: pollen analysis * climatic change * paleobotany
Geographical descriptor: South Africa * Africa
- 0751 *Cohen, H.R.; Erol, O*
ASPECTS OF THE PALEOGEOGRAPHY OF CENTRAL ANATOLIA
Lang.: eng. 1969. Series title: Geographical Journal. Vol.135(3):p.388-398
Descriptor: lakes * basins * paleogeography * archaeology * climatic change * geomorphology * Pleistocene epoch * Holocene epoch * terraces * settlements * coastal areas
Geographical descriptor: Turkey * Middle East * Anatolia
- 0752 *Coiner, J.C*
USING LANDSAT TO MONITOR CHANGES IN VEGETATION COVER INDUCED BY DESERTIFICATION PROCESSES
Meeting or Conf.: International Symposium on Remote Sensing of Environment, 14th, San Jose, Costa Rica, April 23-30, 1980
Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1980. Vol.3
Descriptor: satellites * monitoring * Landsat * vegetation * desertification
- 0753 *Collier, D*
DEVELOPMENT OF CIVILIZATION ON THE COAST OF PERU
Lang.: eng. Pan American Union, Social Science Monograph I. 1955. p.19-27. Note: (In) Irrigation Civilizations: A Comparative Study. Symposium on Method and Result in Cross-Cultural Regularities
Descriptor: coastal areas * deserts * civilization * social aspects * history
Geographical descriptor: Peru * South America
- 0754 *Collier, F.; Dundas, J*
THE ARID REGIONS OF NORTHERN NIGERIA AND THE FRENCH NIGER COLONY
Lang.: eng. 1937. Series title: Empire Forestry Review. Vol.16(2):p.184-194
Descriptor: desiccation * desertification * land use * livestock * arid land
Geographical descriptor: Africa * Niger * Nigeria
- 0755 *Collin-Delavaud, C*
CONSECUENCIAS DE LA MODERNIZACION DE LA AGRICULTURA EN LAS HACIENDAS DE LA COSTA NORTE DEL PERU (Consequences of Modernization of Agriculture on Estates on the North Coast of Peru)
Lang.: spa. 1964. Series title: Museo Nacional (Lima) Revista. Vol.33:p.259-282
Descriptor: coastal areas * deserts * agriculture * economic development * social aspects * demography
Geographical descriptor: South America * Peru
- 0756 *Collin-Delavaud, C*
LES REGIONS COTIERES DU PEROU SEPTENTRIONAL
Lang.: fre. Lima: Institut Francais d'Etudes Andines. 1968. 600p
Descriptor: coastal areas * deserts * environmental impact
Geographical descriptor: Peru * South America
- 0757 *Colonnello, G.; Ayarzagüena, J.; Aznar, A*
INFLUENCE OF SALINIZATION OF THE ENVIRONMENT IN A NATURAL COMMUNITY OF THE HIGH EASTERN LLANOS ANZOATEGUI STATE VENEZUELA
Lang.: spa. Caracas, Venezuela: La Salle, Apt. 1930. Museo de Historia Nac. 1985. Series title: Memorias. Sociedad de Ciencias Naturales (La Salle). Vol.45(124):p.65-78
Descriptor: environmental impact * salinization * natural vegetation
Geographical descriptor: Llanos Anzoategui State * South America * Venezuela
- 0758 *Community Nutrition Institute*
BACKGROUND TO FAMINE
Lang.: eng. Jan. 17, 1985. Series title: Nutrition Week. Vol.15(3):p.4-5. ISSN 0736-0096
Descriptor: famine * economic analysis * food shortage * population growth * agricultural policy * foreign investment
Geographical descriptor: Africa

- 0759 *Conacher, A.J.; Murray, I.D*
IMPLICATIONS AND CAUSES OF SALINITY PROBLEMS IN THE WESTERN AUSTRALIAN WHEATBELT: THE YORK-MAWSON AREA
 Lang.: eng. 1973. Series title: *Australian Geographical Studies*. Vol.11:p.40-61
Descriptor: salinity * saline soils * saline water * catchments * irrigation effects * wind erosion * seepage * runoff * brush control * erosion * reclamation * soil water movement * salts * Triticum * interception
Geographical descriptor: Australia * Western Australia * York-Mawson Area
- 0760 *Conacher, A.J*
THE SIGNIFICANCE OF VEGETATION, FIRE AND MAN IN THE STABILISATION OF SAND DUNES NEAR THE WARBURTON RANGES, CENTRAL AUSTRALIA
 Lang.: eng. 1971. Series title: *Journal of Earth Sciences*. Vol.5:p.92-94
Descriptor: human activity * dune stabilization * sand control * dunes * fire effects * erosion control * sand
Geographical descriptor: South Australia * Australia * Warburton Ranges
- 0761 *Conacher, A.J*
THROUGHFLOW AS A MECHANISM RESPONSIBLE FOR EXCESSIVE SOIL SALINISATION IN NON-IRRIGATED, PREVIOUSLY ARABLE LANDS IN THE WESTERN AUSTRALIAN WHEATBELT: A FIELD STUDY
 Lang.: eng. 1975. Series title: *Catena*. Vol.2:p.31-68
Descriptor: salinity * saline soils * geomorphology * saline water * drainage * soil density * reclamation * water table * soil water movement
Geographical descriptor: Western Australia * Australia
- 0762 *Conant, F. (ed.); et al*
RESOURCE INVENTORY AND BASELINE STUDY METHODS FOR DEVELOPING COUNTRIES
 Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1983. xxv, 539p
Descriptor: ecosystems * natural resources * demography * remote sensing * environmental impact * climate * water * soil surveys * developing countries
- 0763 *Conant, F.P*
THORNS PAIRED, SHARPLY RECURVED: CULTURAL CONTROLS AND RANGELAND QUALITY IN EAST AFRICA LANDSAT DATA, POKOT, ETHNIC GROUPS
 Lang.: eng. London, U.K.: Academic Press. 1982. p.111-122. ISBN 0-89553-033-3. Note: (In) *Desertification and Development: Dryland Ecology in Social Perspective* by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: cultural control * satellites * rangelands * landsat * ethnic groups
Geographical descriptor: Africa * East Africa * Pokot
- 0764 *Conca, J.L.; Rossman, G.R*
CASE HARDENING OF SANDSTONE
 Lang.: eng. 1982. Series title: *Geology*. Vol.10(10):p.520-523
Descriptor: sandstones * physico-chemical properties of soils * soil characteristics
- 0765 *Condon, R.W*
EROSION AND MANAGEMENT PROBLEMS IN WESTERN NEW SOUTH WALES
 Lang.: eng. 1961. Series title: *New South Wales Soil Conservation Service Journal*. Vol.17:p.86-102
Descriptor: soil erosion * rangelands * drought * land management * overgrazing * lagomorpha * soil types * grazing systems * livestock
Geographical descriptor: New South Wales * Australia
- 0766 *Condon, R.W*
ESTIMATION OF GRAZING CAPACITY ON ARID GRAZING LANDS
 Lang.: eng. MacMillan of Australia. 1968. p.112-124. Note: (In) *Land Evaluation, Papers of a CSIRO Symposium organized in cooperation with UNESCO 26-31 Aug. 1968* by G.A. Stewart (ed.)
Descriptor: grazing * carrying capacity * land use * land classification * sheep * soil erosion * overgrazing * rangelands * land management * rainfall * climatic vegetal relationships
Geographical descriptor: Australia * New South Wales
- 0767 *Condon, R.W*
LAND TENURE AND DESERTIFICATION IN AUSTRALIA'S ARID LANDS
 Lang.: eng. 1978. Series title: *Search*. Vol.9(7):p.261-264
Descriptor: desertification * arid land * pastures * carrying capacity * tenure systems * planning * land use * remote sensing * productivity * land management
Geographical descriptor: Australia * New South Wales
- 0768 *Condon, R.W*
SAND DRIFT CONTROL ON COOMEALLA IRRIGATION AREA
 Lang.: eng. 1954. Series title: *New South Wales Soil Conservation Service Journal*. Vol.10:p.109-115
Descriptor: sand control
Geographical descriptor: New South Wales * Australia * Coomealla Irrigation Area
- 0769 *Condon, R.W.; Newman, J.C.; Cunningham, G.M*
SOIL EROSION AND PASTURE DEGENERATION IN CENTRAL AUSTRALIA I. Soil Erosion and Degeneration of Pasture and Top Feed. II. Prevention and Control of Soil Erosion and Pasture Degeneration. III. The Assessment of Grazing Capacity. IV. Soil Erosion and Pasture Degeneration
 Lang.: eng. 1969. Series title: *New South Wales Soil Conservation Service Journal*. Vol.25:p.47-92, 161-182, 225-250, 295-321
Descriptor: rangelands * soil erosion * erosion control * environmental degradation * soil conservation * range management * drought * grazing * carrying capacity * climatic vegetal relationships * reclamation * livestock * soil types * pastures
Geographical descriptor: Australia
- 0770 *Condon, R.W*
SOILS AND LAND FORM OF THE WESTERN DIVISION OF NEW SOUTH WALES
 Lang.: eng. 1961. Series title: *New South Wales Soil Conservation Service Journal*. Vol.17:p.31-46
Descriptor: landforms * soil types * soil classification * physico-chemical properties of soils
Geographical descriptor: New South Wales * Australia
- 0771 *Conforto, G.; Marconi, A.; Mattioli, G.; et al*
ENERGY PLANNING FOR CAPE VERDE ISLANDS
 Meeting or Conf.: *Passive Cooling, International Passive and Hybrid Cooling Conference*, Miami Beach, FL. Nov. 6-16, 1981
 Lang.: eng. Newark, DE. 1981. p.524-52. ISBN 0-89553-033-3. Note: (In) *American Section. International Solar Energy Society*
Descriptor: solar energy * energy conservation * energy planning
Geographical descriptor: Cape Verde * Africa
- 0772 *Conselman, F.B*
THE SIGNIFICANCE OF THE OGALLALA FORMATION IN TEXAS
 Lang.: eng. Lubbock, TX: Texas Tech University, International Center for Arid and Semi-Arid Land Studies. 1970. Series title: *Special Report*. Vol.39:p.2-4. Note: (In) *The Ogallala Aquifer, A Symposium*
Descriptor: arid land * aquifers * groundwater * groundwater recharge * water utilization
Geographical descriptor: Texas * Southwestern U.S. * Ogallala Formation

- 0773 *Constantinesco, I*
SOIL CONSERVATION FOR DEVELOPING COUNTRIES
Lang.: eng. Rome, Italy: Food and Agriculture Organization.
1976. Series title: FAO Soils Bulletin. No.30. xii, 92p. Note:
1978 printing
Descriptor: soil degradation * environmental conservation *
shifting cultivation * developing countries
- 0774 *Contreras, D.; Azocar, P.; Covarrubias, G.; et al*
USE OF FORAGE SHRUBS IN THE ARID LAND OF CHILE
Lang.: eng. Ogden, UT: Intermountain Range and Forest
Experiment Station. 1984. p.237-242. Note: (In) Proceedings:
Symposium on the Biology of Atriplex and Related Chenopods
compiled by A.R. Tiedemann, et al. (comp.)
Descriptor: forage * shrubs * fodder plants * grassland
improvement * rangelands * Chenopodiaceae * Atriplex * arid
land * lamb production * sheep * milk production
Geographical descriptor: Chile * South America
- 0775 *Cook, E.H*
DESERTIFICATION AND DEFORESTATION: A SELECTED
BIBLIOGRAPHY OF ENGLISH LANGUAGE SOURCES
Lang.: eng. Monticello, IL: Vance Bibliographies. Mar. 1985.
25p. ISBN 0890283311
Descriptor: desertification * bibliographies * deforestation
- 0776 *Cook, H.J*
THE STRUGGLE AGAINST ENVIRONMENTAL
DEGRADATION: BOTSWANA'S EXPERIENCE
Lang.: eng. 1983. Series title: Desertification Control Bulletin.
No.8:p.9-15
Descriptor: land degradation * soil fertility * desertification *
environmental degradation * environmental protection
Geographical descriptor: Botswana * Kalahari Desert * Africa
- 0777 *Cooke, H.B.S*
THE ANCIENT GEOGRAPHY OF SOUTH AFRICA
Lang.: eng. 1950. Series title: South African Geographical
Journal. Vol.32:p.3-14
Descriptor: geography * Pleistocene epoch * Quaternary period
* Tertiary period * Paleozoic era * Cenozoic era * climatic
change
Geographical descriptor: Karroo * South Africa * Africa
- 0778 *Cooke, H.J*
BOTSWANA'S PRESENT CLIMATE AND THE EVIDENCE
FOR PAST CHANGE
Meeting or Conf.: Symposium on Drought in Botswana, June
5-8, 1978, Gaborone, Proceedings
Lang.: eng. Worcester, MA: Botswana Society. Clark
University Press. 1979. p.53-58
Descriptor: drought * environmental impact * environmental
variability * weather forecasting * agroclimatology *
paleoclimatology
Geographical descriptor: Africa * Botswana
- 0779 *Cooke, H.J*
THE KALAHARI TODAY: A CASE OF CONFLICT OVER
RESOURCE USE
Lang.: eng. 1985. Series title: Geographical Journal.
Vol.151(1):p.75-85
Descriptor: rangelands * production factors * wildlife *
desertification
Geographical descriptor: Botswana * Southern Africa * Africa
- 0780 *Cooke, R.U.; Reeves, R.W*
ARROYOS AND ENVIRONMENTAL CHANGE IN THE
AMERICAN SOUTH-WEST
Lang.: eng. Oxford, U.K.: Clarendon Press. 1976. 213p
Descriptor: environmental variability * gully erosion * arroyos
* climatic change * stream degradation * sediment transport *
soil erosion * overgrazing * cultivation * history * regional
analysis
Geographical descriptor: California * Arizona * Sonoran Desert
- 0781 *Cooper, C.F.; Jolly, W.C*
PRECIPITATION MODIFICATION IN SEMIARID AND ARID
REGIONS
Lang.: eng. MI: University of Michigan. School of Natural
Resources. 1969. p.22-23. Note: (In) Ecological Effects of
Weather Modification, A Problem Analysis by C.F. Cooper and
W.C. Jolly (eds.)
Descriptor: semiarid lands * weather modification * arid land *
arid climate * semiarid climate * runoff * atmospheric
precipitation * drought * environmental engineering * ecology
* water yield improvement * cloud seeding * artificial
precipitation
- 0782 *Cooperrider, C.K.; Hendricks, B.A*
SOIL EROSION AND STREAM FLOW ON RANGE AND
FOREST LANDS OF THE UPPER RIO GRANDE
WATERSHED IN RELATION TO LAND RESOURCES AND
HUMAN WELFARE
Lang.: eng. 1937. Series title: U.S. Department of Agriculture.
Technical Bulletin. 567. 88p
Descriptor: soil erosion * streamflow * rangelands * watershed
management * history * grazing * fire effects * vegetation * soil
types * natural resources * land use * land management
Geographical descriptor: Rio Grande Valley * Texas * Mexico
- 0783 *Coque, R*
LA TUNISE PRESAHARIENNE. ETUDE
GEOMORPHOLOGIQUE
Lang.: fre. Paris. 1962. 476p
Descriptor: Quaternary period * prehistory * geochronology *
geomorphology * geologic structures * lagoons * landforms *
glaciers * erosion * dunes * paleogeography * climatic
geomorphology * hamadas
Geographical descriptor: Africa * Tunisia * North Africa
- 0784 *Coque, R*
LES CROUTES GYPSEUSES DU SUD TUNISIEN (The
Gypsiferous Crusts of Southern Tunisia)
Lang.: fre. Societe des Sciences Naturelles de Tunisie. 1955.
Series title: Societe des Sciences de Tunisie. Bulletin.
Vol.8:p.217-236
Descriptor: crusts * gypsiferous soils * erosion * slopes *
paleoclimatology * Quaternary period
Geographical descriptor: Africa * Tunisia
- 0785 *Coque, R*
MORPHOGENESE QUATERNAIRE DU PIEMONT
MEDITERRANEEN DU DJEBEL AKHDAR (CYRENAIQUE)
Lang.: fre. 1970. Series title: Annales Geographie.
Vol.433:p.375-386
Descriptor: Quaternary period * climatic geomorphology *
limestone * pediments * archaeology
Geographical descriptor: Africa * Libya
- 0786 *Coque, R*
NOTES MORPHOLOGIQUES SUR LES GRANDS CHOTTS
TUNISIENS
Lang.: fre. Association de Geographes Francais. 1955. Series
title: Association de Geographes Francais. Bulletin.
Vol.253-254:p.174-185
Descriptor: lagoons * landforms * salts * Quaternary period *
wind erosion * geomorphology * plains * gravel
Geographical descriptor: Africa * Tunisia * Sirte Desert
- 0787 *Coque, R.; Van Campo, M*
PALYNOLOGIE ET GEOMORPHOLOGIE DANS LE SUD
TUNISIEN
Lang.: fre. 1960. Series title: Pollen et Spores.
Vol.2(2):p.275-284
Descriptor: palynology * geomorphology * clay * geochronology
* Quaternary period * paleoclimatology
Geographical descriptor: Africa * Tunisia

- 0788 *Coque, R*
PREMIERS RESULTATS DE RECHERCHES GEOMORPHOLOGIQUES DANS LE PIEMONT DE THEBES (HAUTE EGYPTTE)
Lang.: fre. Association de Geographes Francais. 1972. Series title: Association Geographes Francais. Bulletin. Vol.399:p.227-234
Descriptor: geomorphology * alluvium * slopes * climatic geomorphology * archaeology * climate
Geographical descriptor: Egypt * Africa
- 0789 *Coque, R*
RECONNAISSANCE GEOMORPHOLOGIQUE AU FEZZAN (SAHARA CENTRAL)
Lang.: fre. Paris: Societe de Geographie. 1973. p.91-97. Note: (In) Maghreb et Sahara. Etudes Geographiques Offertes by J. Despois
Descriptor: geomorphology * Quaternary period * climate * slopes * pediments
Geographical descriptor: Africa * Libya
- 0790 *Coque, R.; Jauzein, A*
THE GEOMORPHOLOGY AND QUATERNARY GEOLOGY OF TUNISIA
Meeting or Conf.: Petroleum Exploration Society of Libya, Annual Field Conference, 9th, Guidebook to the Geology and History of Tunisia
Lang.: eng. 1967. Series title: Bigena. Vol.32(4):p.227-257
Descriptor: Quaternary period * geomorphology * tectonics * topography * erosion * watersheds
Geographical descriptor: Africa * Tunisia
- 0791 *Condero, M.C*
LOS GRANDES CAMPOS DE DUNAS DEL NORTE CHICO (The Great Dune Fields of the Norte Chico, Chile)
Lang.: spa. Santiago, Chile: Universidad de Chile. Facultad de Filosofia y Educacion. Seccion Geografia. 1967. 100p. Note: (unpublished thesis)
Descriptor: deserts * coastal areas * dunes * wind action
Geographical descriptor: South America * North Chico * Chile
- 0792 *Correia de Andrade, M*
A TERRA E O HOMEM NO NORDESTE (Land and Man in the Northeast)
Lang.: por. Sao Paulo, Brazil: Editora Brasiliense. 1973. 249p
Descriptor: settlements * economic development * tenure systems * physical geography * land use * social aspects * history
Geographical descriptor: Brazil * South America
- 0793 *Cortner, H*
SOCIAL AND INSTITUTIONAL FACTORS AFFECTING IMPLEMENTATION OF THE PLANS OF ACTION TO COMBAT DESERTIFICATION
Meeting or Conf.: 153rd. National Annual Meeting of the American Association for the Advancement of Science, Chicago, IL. Feb. 14-18, 1987
Lang.: eng. 1987. Note: (In) American Association for the Advancement of Science Abstract Paper
Descriptor: institutions * social aspects * desertification control
- 0794 *Costello, D.F.; Turner, G.T*
VEGETATION CHANGES FOLLOWING EXCLUSION OF LIVESTOCK FROM GRAZED RANGES
Lang.: eng. 1941. Series title: Journal of Forestry. Vol.39(3):p.310-315
Descriptor: vegetation change * population density * vegetation * grazing * forage * fodder plants * grasses * weeds * rangelands
Geographical descriptor: Colorado * Wyoming
- 0795 *Cottam, W.P.; Evans, F.R*
A COMPARATIVE STUDY OF THE VEGETATION OF GRAZED AND UNGRAZED CANYONS OF THE WASATCH RANGE, UTAH
Lang.: eng. 1945. Series title: Ecology. Vol.26(2):p.171-181
Descriptor: vegetation * grazing * sheet erosion * gully erosion * vegetation change * land management * range management
Geographical descriptor: Utah * Wasatch Range
- 0796 *Cottam, W.P*
MAN AS A BIOTIC FACTOR ILLUSTRATED BY RECENT FLORISTIC AND PHYSIOGRAPHIC CHANGES AT THE MOUNTAIN MEADOWS, WASHINGTON COUNTY, UTAH
Lang.: eng. 1929. Series title: Ecology. Vol.10:p.361-363
Descriptor: grazing * human activity * environmental impact * gully erosion * range management * Artemisia * vegetation change * desertification
Geographical descriptor: Utah * Washington County
- 0797 *Cottam, W.P.; Stewart, G*
PLANT SUCCESSION AS A RESULT OF GRAZING AND MEADOW DESICCATION BY EROSION SINCE SETTLEMENT IN 1862
Lang.: eng. 1940. Series title: Journal of Forestry. Vol.38(8):p.613-626
Descriptor: plant succession * grazing effects * history * erosion * soil erosion * desiccation * moisture deficit * vegetation change * Artemisia * environmental impact * Chrysothamnus * Juniperus
Geographical descriptor: Utah
- 0798 *Conde Gausson, G*
LES POUSSIERES EOLIENNES SAHARIENNES MISES AU POINT (Saharan Eolian Dust)
Lang.: fre. Paris, France: University of Paris VI. dep. Geographie Physique. 1982. Series title: Revue de Geomorphologie Dynamique. Vol.31(2):p.49-69. ISSN 0556-7432
Descriptor: dust * eolian soils * deserts
Geographical descriptor: Sahara * Africa
- 0799 *Conde Gausson, G*
THE PRESENT CYCLE OF AEOLIAN DESERT DUSTS AND THE QUATERNARY PERIOD OF DESERT LOESS SEDIMENTATION
Lang.: eng. 1983. Series title: Giornale de Geologia. Vol.45(1):p.167-182
Descriptor: dust * eolian soils * deserts * Quaternary period * sedimentation
- 0800 *Coupland, R.T*
THE EFFECTS OF FLUCTUATIONS IN WEATHER UPON THE GRASSLANDS OF THE GREAT PLAINS
Lang.: eng. 1958. Series title: Botanical Review. Vol.24(5):p.273-317
Descriptor: grasslands * climatic change * drought * drought tolerance * semiarid climate * shortgrass * grassland biome * mid grasses * vegetation types * plains * environment * vegetation change
Geographical descriptor: Great Plains
- 0801 *Courel, M.F*
ETUDE GEOMORPHOLOGIQUE DES SYSTEMES DUNAIRE DU CAP-VERT (SENEGAL)
Lang.: fre. Paris: University de Paris. Travail d'Etude et de Recherche. 1974. 191p
Descriptor: dunes * climatic geomorphology * wind action * particle size
Geographical descriptor: Africa * Senegal
- 0802 *Courel, M.F.; Habif, M*
MEASUREMENT OF CHANGES IN SAHELIAN SURFACE COVER USING LANDSAT ALBEDO IMAGES
Meeting or Conf.: Proceedings of Symposium 10 of the COSPAR 24th, Planary Meeting, Ottawa, Canada, May 16-June 2, 1982
Lang.: eng. New York: Pergamon Press. 1982. Series title: Advances in Space Research. Vol.2(8):p.37-44. ISBN 0-08-030444-3. ISSN 0273-1177. Note: (In) Study of Land Transformation Processes from Space and Ground Observations
Descriptor: surface cover * satellites * remote sensing * Landsat * albedo
Geographical descriptor: Sahel * Africa

- 0803 *Courel, M.F.*
NOUVELLES OBSERVATIONS SUR LES SYSTEMES DUNAIRE DU CAP VERT (SENEGAL)
Lang.: fr. Bordeaux, France: Centre d'Etudes de Geographie Tropicale. 1975? Series title: Centre d'Etudes de Geographie Tropicale. Memoires et Documents. (A Paraitre)
Descriptor: dunes * Quaternary period * ergs * climatic geomorphology * stratigraphy
Geographical descriptor: Africa * Senegal
- 0804 *Courel, M.F.; Oudin, M.F.*
STUDY OF LANDFORM EVOLUTION IN A SAHELIAN REGION FROM LANDSAT IMAGES
Meeting or Conf.: International Symposium on Remote Sensing of Environment, First Thematic Conference, Proceedings, Jan. 19-25, 1982, Cairo, Egypt
Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1982. Vol.2:p.1065. ISSN 0275-5505. Note: (In) Remote Sensing of Arid and Semi-Arid Lands, 1305p
Descriptor: landform evolution * satellites * remote sensing * Landsat
Geographical descriptor: Sahel * Africa
- 0805 *Cowling, R.M.*
A DESCRIPTION OF THE KAROO BIOME PROJECT
Lang.: eng. 1986. Series title: South African National Scientific Programmes. Report 122
Descriptor: environmental impact * Karoo Biome Project * desert biome
Geographical descriptor: Africa * Karoo * South Africa
- 0806 *Craig, A.K.*
MARINE DESERT ECOLOGY OF SOUTHERN PERU. FINAL REPORT
Lang.: eng. Boca Raton, FL: Florida Atlantic University, Department of Geography. 1968. Series title: Report Paracas Papers 1-2. 215p
Descriptor: deserts * ecology * marine geology * stratigraphy * ocean currents * fog * archaeology * climatology * paleobotany * coastal areas
Geographical descriptor: Peru * South America
- 0807 *Crawford, C.S.; Gosz, J.R.*
DESERT ECOSYSTEMS: THEIR RESOURCES IN SPACE AND TIME
Lang.: eng. 1982. Series title: Environmental Conservation. Vol.9(3):p.181-195
Descriptor: ecosystems * natural resources * deserts
- 0808 *Cross, M.*
LAST CHANCE TO SAVE AFRICA'S TOPSOIL
Lang.: eng. July 28, 1982. Series title: New Scientist. Vol.99(1368):p.288-293. ISSN 0028-6664
Descriptor: topsoil * arid land * desertification * drought * soil erosion
Geographical descriptor: Africa
- 0809 *Cross, M.*
UN ADMITS FAILURE TO HALT DESERTS
Lang.: eng. May 10, 1984. Series title: New Scientist. Vol.102:p.3. ISSN 0028-6664
Descriptor: arid land * desertification * international cooperation * United Nations
- 0810 *Crown, A.D.*
TOWARDS A RECONSTRUCTION OF THE CLIMATE OF PALESTINE 8000 B.C.-0 B.C
Lang.: eng. 1972. Series title: Journal of Near Eastern Studies. Vol.31(4):p.312-330
Descriptor: climate * history
Geographical descriptor: Israel * Middle East * Palestine
- 0811 *Crystal, D.; Foster, J.*
DESERTS
Lang.: eng. London, U.K.: Arnold. 1983. 24p. ISBN -7131-0828-2
Descriptor: deserts * desertification
- 0812 *CSIRO. Division of Land Resources Management*
LAND RESEARCH SERIES
Lang.: eng. 1954-1970. Series title: Land Research Series
Descriptor: natural resources * climate * geology * landforms * soil types * vegetation * pastures * range management * settlements * land use * maps
Geographical descriptor: Northern Territory * Alice Springs * Western Australia * Australia
- 0813 *Cull, J.K.*
SOME AGRICULTURAL AND PASTORAL PROBLEMS OF CENTRAL WESTERN QUEENSLAND
Meeting or Conf.: Queensland Department of Agriculture and Stock, Charleville, Western Queensland Agrostology Conference, Proceedings
Lang.: eng. 1963. 8p
Descriptor: agrostology * grasslands * agriculture * livestock * pastures
Geographical descriptor: Queensland * Australia
- 0814 *Cummings, R.J.*
INTERNAL FACTORS THAT GENERATE FAMINE
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1987. p.111-126. Note: (In) Drought and Hunger in Africa: Denying Famine a Future by M.H. Glantz (ed.)
Descriptor: famine * agricultural policy * economic conditions * drought
Geographical descriptor: Africa
- 0815 *Curill, P.*
FACTORES EN LA DESTRUCCION DEL PAISAJE CHILENO: RECOLECCION, CAZAY TALACOLONIALES (Factors in the Destruction of the Chilean Landscape: Food Gathering, Hunting and Tree Felling in the Colonial Period)
Lang.: spa. 1971. Series title: Informaciones Geograficas (Santiago). Numero Especial. p.235-264
Descriptor: coastal areas * environmental impact * mining * vegetation * wildlife * desertification * logging * human activity * settlements
Geographical descriptor: Atacama Desert * Chile * South America
- 0816 *Cunningham, G.M.*
REGENERATION OF SCALDED DUPLEX SOILS IN THE COOLABAH DISTRICT, NEW SOUTH WALES
Lang.: eng. 1974. Series title: New South Wales Soil Conservation Service. Journal. Vol.30:p.157-169
Descriptor: soil conservation * reclamation * soil types
Geographical descriptor: New South Wales * Australia * Coolabah District
- 0817 *Currie, D.M.*
DESERT AREAS OF WEST PAKISTAN: REPORT TO THE GOVERNMENT OF PAKISTAN
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1956. Series title: EPTA Report. No.564. 29p
Descriptor: deserts * environmental impact
Geographical descriptor: Pakistan * West Pakistan
- 0818 *Curry, L.K.*
THE CONFLICT BETWEEN DEVELOPMENT AND NATURE CONSERVATION: WITH SPECIAL REFERENCE TO DESERTIFICATION
Lang.: eng. Chichester, NY: Wiley. 1986. Series title: Zoological Record. Vol.124:p.106-130. Note: (In) Ecosystem Theory and Application by N. Polunin (ed.)
Descriptor: wildlife * human activity * habitats * desertification * agricultural development * environmental protection
- 0819 *Curtis, B.A.; Tyson, P.D.; Dyer, T.G.J.*
DENDROCHRONOLOGICAL AGE DETERMINATION OF PODOCARPUS FALCATUS
Lang.: eng. 1978. Series title: South African Journal of Science. Vol.74(3):p.92-94
Descriptor: tree rings * dendrochronology * time measurement * evergreen trees * Podocarpus falcatus * sampling * analytical methods
Geographical descriptor: South Africa * Africa

- 0820 *Dagg, M.; Blackie, J.R.*
STUDIES OF THE EFFECTS OF CHANGES IN LAND USE ON THE HYDROLOGICAL CYCLE IN EAST AFRICA BY MEANS OF EXPERIMENTAL CATCHMENT AREAS
Lang.: eng. 1965. Series title: International Association of Scientific Hydrology. *Bulletin*. Vol.10(4):p.63-75
Descriptor: environmental impact * land use * hydrology * catchments
Geographical descriptor: East Africa * Africa
- 0821 *Dahl, B.E.; McKell, C.M.*
USE AND ABUSE OF CHINA'S DESERTS AND RANGELANDS
Lang.: eng. Dec. 1986. Series title: *Rangelands*. Vol.8(6):p.267-271. ISSN 0190-0528
Descriptor: deserts * rangelands * land use * land management * desertification * erosion * arid land * semiarid lands * environmental degradation
Geographical descriptor: China
- 0822 *Dahlke, J.*
EVOLUTION OF THE WHEAT BELT IN WESTERN AUSTRALIA: THOUGHTS ON THE NATURE OF PIONEERING ALONG THE DRY MARGIN
Lang.: eng. 1975. Series title: *Australian Geographer*. Vol.13(1):p.3-14
Descriptor: marginal land * Triticum * agricultural development * grain farming
Geographical descriptor: Western Australia * Australia
- 0823 *Dalby, D. (ed.); Harrison Church, R.J. (ed.)*
DROUGHT IN AFRICA
Lang.: eng. London, U.K.: University of London. Centre for African Studies. 1973. 124p. Note: Report of the symposium held July 17-20, 1973
Descriptor: pastoralism * drought * synoptic climatology * water resources development * plant ecology * cattle * nomads * agriculture * social aspects * social aspects * law * aid
Geographical descriptor: Africa * Sahel
- 0824 *Dalby, D. (ed.); Harrison Church, R.J. (ed.); Bezzaz, F. (ed.)*
DROUGHT IN AFRICA:2.(Secheresse en Afrique)
Lang.: eng. London, U.K.: International African Institute. 1977. Series title: African Environment Special Report No.6. 200p
Descriptor: drought * desertification * regional surveys * planning * alternative planning * demography
Geographical descriptor: Sahel * Ethiopia * Mauritania * Nigeria * Niger * Kalahari desert * Africa
- 0825 *Dalrymple, P.C.; et al*
ENVIRONMENT OF THE CENTRAL ASIAN HIGHLANDS
Lang.: eng. U.S. Army Natick Laboratories. 1970. Series title: U.S. Army Natick Laboratories. Technical Report. 71-19-ES
Descriptor: maps * temperature ranges * Koeppens climatic classification * cold deserts * water supply * climatic data * environment * vegetation * geomorphology * military aspects * cultural geography * physical geography
Geographical descriptor: Takla Makan Desert * Central Asia * Sinkiang * Gobi Desert * Tarim Basin * Dzungaria
- 0826 *Dalsted, K.J.; Myers, V.I.*
REMOTE SENSING TO DETECT DESERTIFICATION PROCESSES
Lang.: eng. Boulder, CO: Westview Press. 1983. p.63-84. Note: (In) Natural Resources and Development in Arid Regions by E. Campos-Lopez and R.J. Anderson (eds.), 362p
Descriptor: remote sensing * desertification * soil fertility
- 0827 *Dalsted, K.J.*
THE USE OF A LANDSAT-BASED SOIL AND VEGETATION SURVEY AND GRAPHIC INFORMATION SYSTEM TO EVALUATE SITES FOR MONITORING DESERTIFICATION
Lang.: eng. 1988. Series title: Desertification Control Bulletin. No.16:p.20-26
Descriptor: Landsat * satellites * monitoring * vegetative surveys * soil surveys * remote sensing * satellite imagery * desertification
Geographical descriptor: Mauritania * Africa
- 0828 *Dan, J.; et al*
Agricultural Research Organization. Institute of Soils and Water
ARIDIC SOILS OF ISRAEL: PROPERTIES, GENESIS, AND MANAGEMENT
Lang.: eng. Bet Dagan, Israel: Volcani Center. 1981. Series title: Special publication. No.190. 353p
Descriptor: aridic soils * soil formation * soil improvement * soil morphology
Geographical descriptor: Israel * Middle East
- 0829 *Dan, J.; Yaalon, D.H.; Koryumdjisky, H.*
CATENARY SOIL RELATIONSHIPS IN ISRAEL 2: The Bet Gurin Catena on Chalk and Nari Limestone Crust in the Shefela
Lang.: eng. 1972. Series title: *Israel Journal of Earth Sciences*. Vol.21(2):p.99-118
Descriptor: soil analysis * soil formation * soil classification * soil erosion * catenas * soil surveys * rendzina soils * calcareous soils * limestone * soil profiles
Geographical descriptor: Middle East * Shefela Region * Israel
- 0830 *Dan, J.; Yaalon, D.H.*
ON THE ORIGIN AND NATURE OF THE PALEOPEDOLOGICAL FORMATIONS IN THE COASTAL DESERT FRINGE AREAS OF ISRAEL
Lang.: eng. Jerusalem: International Society of Soil Science. Israel Universities Press. 1971. p.245-260. Note: (In) Paleopedology: Origin, Nature and Dating of Paleosols by D.H. Yaalon (ed.)
Descriptor: coastal areas * paleosols * semiarid climate * Mediterranean climate * paleogeography * stratigraphy * soil formation * Pleistocene epoch * climatic change
Geographical descriptor: Middle East * Israel
- 0831 *Dan, J.; Koryumdjisky, H.*
THE SOILS OF ISRAEL AND THEIR DISTRIBUTION
Lang.: eng. 1963. Series title: *Journal of Soil Science*. Vol.14:p.12-20
Descriptor: soil types * soil maps * geomorphology * coastal plains * mountains * plateaus * sand * calcareous soils * limestone * dolomite * rendzina soils * clay * silts * desert pavement * hamadas * alluvium * dunes * slopes
Geographical descriptor: Middle East * Israel
- 0832 *Dangermond, J.; Derrenbacher, W.; Harnden, E.*
WORLD MAP OF DESERTIFICATION HAZARDS: DATA BASE DEVELOPMENT AND APPLICATION, UNITED NATIONS ENVIRONMENT PROGRAMME
Meeting or Conf.: American Congress of Surveying and Mapping 45th. Annual Meeting, Technical Papers, Washington, D.C. Mar. 10-15, 1985
Lang.: eng. Falls Church, VA: American Congress on Surveying and Mapping. 1985. p.288-297. ISSN 0748-3244
Descriptor: global surveys * environmental impact * mapping * desertification * hazards * data bases
- 0833 *Danilin, A.A.*
COMPUTATION OF SAND CONSOLIDATION MEASURES IN THE KARAKUM CANAL ZONE
Lang.: eng. 1975. Series title: Tashkentskogo Sel'skokhozyaystvennogo Instituta. Nauchnyye Trudy (Turkmen SSR). Vol.50:p.100-109
Descriptor: sand control
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 0834 *Danilin, A.A.*
FOREST VEGETATION CONDITIONS OF SANDS IN THE KARAKALPAK ASSR AND METHODS FOR THEIR AFFORESTATION
Lang.: eng. 1973. Series title: Tashkentskogo Sel'skokhozyaystvennogo Instituta. Nauchnyye Trudy (Turkmen SSR). Vol.42:p.3-13
Descriptor: sand * forests * vegetation * afforestation * soil stabilization * sand control
Geographical descriptor: USSR * Karakalpak ASSR

- 0835 *Danilin, A.L.*
GROWING WHITE SAXAUL IN THE SANDY DESERTS OF UZBEKISTAN
Lang.: rus. 1975. Series title: Tashkentskogo Sel'skokhozyaystvennogo Instituta. Nauchnyye Trudy (Turkmen SSR). Vol.50:p.92-99
Descriptor: Haloxylon ammodendron * sandy soils * deserts * reforestation
Geographical descriptor: USSR * Uzbek SSR
- 0836 *Danilin, A.L.*
LESORASTITEL'NYI/SLOVIYAPESKOVTSENTRAL'NOY FERGANY I METODY IKH ZAKREPLENIYA I OBLESENIYA (Forest Vegetation Conditions of Central Fergana Sands and Methods for their Fixation and Afforestation)
Lang.: rus. Tashkent Agricultural Institute. 1969. 29p. Note: (Candidate dissertation summary)
Descriptor: forests * vegetation * sand * sand control * afforestation * soil stabilization
Geographical descriptor: USSR * Fergana * Uzbek SSR
- 0837 *Danilin, A.L.*
SOME PROBLEMS OF FOREST RESTORATION IN UZBEKISTAN SAXAULS
Lang.: eng. 1973. Series title: Tashkentskogo Sel'skokhozyaystvennogo Instituta. Nauchnyye Trudy (Turkmen SSR). Vol.42:p.23-31
Descriptor: Haloxylon ammodendron * forests * reforestation * plant height
Geographical descriptor: USSR * Uzbek SSR
- 0838 *Dar, A.*
CAUSES OF FAMINE, DROUGHTS
Lang.: eng. Uppsala: Swedish University of Agricultural Sciences. International Rural Development Centre. 1983. Series title: Working Paper. No.13. 109p
Descriptor: drought * famine * aid * climate * environmental degradation * deforestation * demography * rural development * nutrition * food policy
- 0839 *Darchenkova, N.N.*
FORMATION AND DYNAMICS OF VEGETATION IN TOPOGRAPHIC DEPRESSIONS OF RIDGE-BUMPY SANDS IN THE KARAKUM CANAL FLOOD ZONE
Lang.: eng. Moscow: USSR Geographic Society. Moscow Branch. 1975. p.43-44. Note: (In) Biogeograficheskiye osnovy iindikatsii prirodnykh protseasov (Biogeographic Foundations of Natural Processes Indications)
Descriptor: sand * canals * plant development * plant dynamics * topography * plant ecology * flood zones
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 0840 *Darkoh, M.B.K.*
COMBATING DESERTIFICATION IN THE ARID AND SEMI-ARID LANDS OF TANZANIA
Lang.: eng. 1987. Series title: Journal of Arid Environments. Vol.12(2):p.87-99
Descriptor: desertification * development projects * arid zones * afforestation
Geographical descriptor: Tanzania * Africa
- 0841 *Darkoh, M.B.K.*
COMBATING DESERTIFICATION IN ZIMBABWE
Lang.: eng. 1986. Series title: Desertification Control Bulletin. No.13:p.17-28
Descriptor: desertification control
Geographical descriptor: Zimbabwe * Southern Africa * Africa
- 0842 *Darkoh, M.B.K.*
DESERTIFICATION IN TANZANIA
Lang.: eng. Kenya: Kenyatta University College. 1982. Series title: Geography. Vol.67(297)(3) part 4:p.320-331. ISSN 0016-7487
Descriptor: desertification
Geographical descriptor: Tanzania * Africa
- 0843 *Darkoh, M.B.K.*
MAN AND DESERTIFICATION IN TROPICAL AFRICA
Lang.: eng. 1980. Series title: University of Dar es Salaam. Inaugural Lecture Series. No.26:51p
Descriptor: desertification * tropics
Geographical descriptor: Africa
- 0844 *Darkoh, M.B.K.*
POPULATION EXPANSION AND DESERTIFICATION IN TANZANIA
Lang.: eng. 1982. Series title: Desertification Control Bulletin. No.6:p.26-33
Descriptor: desertification * population growth
Geographical descriptor: Tanzania * Africa
- 0845 *Darkoh, M.B.K.*
SOCIO-ECONOMIC AND INSTITUTIONAL FACTORS BEHIND DESERTIFICATION IN SOUTHERN AFRICA
Lang.: eng. 1987. Series title: Aria. Vol.19(1):p.25-33
Descriptor: socioeconomic impacts * organizations * desertification * poverty
Geographical descriptor: Madagascar * Zimbabwe * Lesotho * Botswana * Southern Africa * Africa
- 0846 *Darling, F.F.; Farvar, M.A.*
ECOLOGICAL CONSEQUENCES OF SEDENTARIZATION OF NOMADS
Lang.: eng. New York: Natural History Press. 1972. p.671-682. Note: (In) The Careless Technology: Ecology and International Development by M.T. Farvar and J.P. Milton (eds.)
Descriptor: pastoralism * nomads * carrying capacity * social aspects * economic impact * political aspects * grazing * economic development * environmental effects * livestock * adaptation * human diseases * settlements
Geographical descriptor: Arabian Desert * Middle East * Africa * Sahara
- 0847 *Daubenwirth, R.F.*
AFFORESTATION PROBLEMS IN ARID NORTH AMERICA
Lang.: eng. 1951. Series title: International Union of Biological Sciences. Ser.B Vol.9:p.81-83
Descriptor: arid climate * reforestation * afforestation * reclamation * soil types * slopes * microclimatology * drought * trees
Geographical descriptor: Southwestern U.S. * Great Basin
- 0848 *Daveau, S.; Toupet, C.*
ANCIENS TERROIRS GANGARA
Lang.: fre. Institut Francais d'Afrique Noire. 1963. Series title: Institut Francais d'Afrique Noire. Bulletin. Ser.B p.193-214
Descriptor: archaeology * massif * settlements * climate * agriculture * history
Geographical descriptor: Africa * Mauritania
- 0849 *Daveau, S.*
CONTRIBUTION A L'ETUDE CLIMATIQUE DU DESERT COTIER D'ANGOLA
Lang.: fre. Paris: Mouton. 1972. p.263-278. Note: (In) Etudes de Geographie Tropicale Offertes a Pierre Gourou
Descriptor: climate * deserts * coastal areas
Geographical descriptor: Angola * Mocamedes * Africa
- 0850 *Daveau, S.*
DUNES RAVINEES ET DEPOTS DU QUATERNAIRE RECENT DANS LE SAHEL MAURITANIEN
Lang.: fre. 1965. Series title: Revue de Geographie de l'Afrique Occidentale. Vol.1/2:p.7-47
Descriptor: Quaternary period * dunes * gully erosion * sedimentation * wind action
Geographical descriptor: Mauritania * Africa * Sahel

- 0851 *Daveau, S*
ETAT DES RECHERCHES SUR L'EVOLUTION GEOMORPHOLOGIQUE QUATERNAIRE DANS LE SAHEL MAURITANIEN
 Meeting or Conf.: Congrès Panafricain de Préhistoire, 6E, Dakar, 1967, Actes
 Lang.: fre. 1972. p.462-465. Note: (In) Congrès Panafricain de Préhistoire
Descriptor: geomorphology * Quaternary period
Geographical descriptor: Mauritania * Africa
- 0852 *Daveau, S*
ETUDE DE VERSANTS GRESEUX DANS LE SAHEL MAURITANIEN
 Lang.: fre. Paris: Centre National de la Recherche Scientifique. 1963. Series title: *Centre National de la Recherche Scientifique. Memoires et Documents.* Vol.9(3):p.1-30
Descriptor: slopes * climate * erosion * geomorphology * massif
Geographical descriptor: Africa * Sahel * Mauritania
- 0853 *Daveau, S*
FACONNEMENT DES VERSANTS DE L'ADRAR MAURITANIEN (Formation of the Slopes of the Adrar, Mauritania)
 Lang.: fre. 1964. Series title: *Zeitschrift fuer Geomorphologie. Supplementband.* Vol.5:p.118-130
Descriptor: slopes * geomorphology
Geographical descriptor: Mauritania * Africa * Sahel
- 0854 *Daveau, S*
ITINERAIRES DE TAMADALT A AWDAGHAST SELON AL-BAKRIET ETUDE GEOGRAPHIQUE DE TEGDAOUST. I: LES PAYSAGES
 Lang.: fre. Paris: Arts et Metiers Graphiques. 1970. p.33-61. Note: (In) *Tegdaoust, I: Recherches sur Aoudaghost* by D. S. Robert and J. Devise (eds.), 160p
Descriptor: history * regional geography
Geographical descriptor: Mauritania * Niger * Africa
- 0855 *Daveau, S*
L'EVOLUTION GEOMORPHOLOGIQUE QUATERNAIRE AU SUD-OUEST DU SAHARA (MAURITANIE)
 Lang.: fre. 1970. Series title: *Annales de Geographie.* Vol.79(431):p.20-28
Descriptor: geomorphology * Quaternary period
Geographical descriptor: Mauritania * Sahara * Africa
- 0856 *Daveau, S*
LA DECOUVERTE DU CLIMAT D'AFRIQUE OCCIDENTALE AU COURS DES NAVIGATIONS PORTUGAISES (XVE SIECLE ET DEBUT DU XVIIE SIECLE)
 Lang.: fre. Institut Fondamental d'Afrique Noire. 1969. Series title: *Institut Fondamental d'Afrique Noire. Bulletin.* Vol.4B
Descriptor: history * climate * climatic change * coastal areas
Geographical descriptor: Africa * West Africa
- 0857 *Daveau, S.; Biberson, R*
LE QUATERNAIRE ET LE PALEOLITHIQUE DE L'ADRAR MAURITANIEN
 Meeting or Conf.: Congrès Panafricain de Préhistoire, 6E, Dakar, 1967, Actes
 Lang.: fre. 1972. p.55-60. Note: (In) Congrès Panafricain de Préhistoire
Descriptor: Quaternary period * prehistory * paleogeography * archaeology
Geographical descriptor: Africa * Mauritania * Sahara
- 0858 *Daveau, S*
LE RELIEF DU BATEN D'ATAR (ADRAR MAURITANIEN)
 Lang.: fre. Paris: Centre National de la Recherche Scientifique. 1966. Series title: *Centre National de la Recherche Scientifique. Memoires et Documents.* Vol.2:p.5-96
Descriptor: climatic geomorphology * erosion * massif * topography
Geographical descriptor: Africa * Mauritania * Sahara
- 0859 *Daveau, S.; Toupet, C*
LES GRAIER DE L'ADRAR MAURITANIEN
 Lang.: fre. Institut Fondamental d'Afrique Noire. 1967. Series title: *Institut Fondamental d'Afrique Noire. Bulletin.* Vol.1(2B):p.307-320
Descriptor: cultivation * sorghum * agroclimatology
Geographical descriptor: Africa * Mauritania
- 0860 *Daveau, S.; Mousinho, R.; Toupet, C*
LES GRANDES DEPRESSIONS FERMEES DE L'ADRAR MAURITANIEN, SEBKHA DE CHEMCHANE ET RICHAT
 Lang.: fre. Institut Fondamental d'Afrique Noire. 1967. Series title: *Institut Fondamental d'Afrique Noire. Bulletin.* Vol.39A(2):p.414-446
Descriptor: sebkha * wind erosion * domes * geology * lakes * radiocarbon dating
Geographical descriptor: Mauritania * Africa * Sebkhah de Chemchane
- 0861 *Daveau, S*
LES REBORDS DE PLATEAUX GRESEUX D'AFRIQUE OCCIDENTALE ET LEUR OCCUPATION HUMAINE
 Lang.: fre. 1966. Series title: *Finisterra.* Vol.1(2):p.149-187
Descriptor: human activity * environmental impact * plateaus * settlements
Geographical descriptor: West Africa * Sahel * Africa
- 0862 *Daveau, S*
PROBLEMES MORPHOLOGIQUES COMPARES DES REGIONES SEMI-ARIDES DU NORDEST BRÉSILIEN ET DE L'AFRIQUE OCCIDENTALE
 Lang.: fre. 1967. Series title: *Finisterra.* Vol.2(4):p.153-173
Descriptor: semiarid lands * geomorphology * topography * climatic data * atmospheric precipitation
Geographical descriptor: Africa * South America * West Africa * Northeastern Brazil * Brazil
- 0863 *Daveau, S*
RECHERCHES MORPHOLOGIQUES SUR LA REGION DE BANDIAGARA
 Lang.: fre. Institut Français d'Afrique Noire. 1959. Series title: *Institut Français d'Afrique Noire. Memoire.* Vol.56. 120p
Descriptor: geomorphology * regional geography
Geographical descriptor: Mali * Africa * Bandiagara Region
- 0864 *Daveau, S*
VIE PASTORALE, VIE URBAINE ET VEGETATION EN MAURITANIE SAHELIENNE
 Lang.: fre. 1967. Series title: *Geographica (Lisboa).* Vol.9:p.2-12
Descriptor: pastures * vegetation * human activity * desertification * urban areas * transhumance
Geographical descriptor: Sahel * Africa * Mauritania
- 0865 *David, N*
EXTENSIVE DEVELOPMENT OF THE AGRICULTURAL SECTOR IN THE SEMI-ARID AND NORTHERN SAVANNA ZONES OF WEST AFRICA
 Lang.: eng. University of London. School of Oriental and African Studies. Centre for African Studies. 1973. p.85-93. Note: (In) *Drought in Africa* by D. Dalby and R.J. Harrison Church (eds.), 124p
Descriptor: savannas * social aspects * history * ethnology * planning * economic development * agricultural development
Geographical descriptor: West Africa * Africa
- 0866 *Davidson, B*
MASS MOBILIZATION FOR NATIONAL RECONSTRUCTION IN THE CAPE VERDE ISLANDS
 Lang.: eng. 1977. Series title: *Economic Geography.* Vol.53(4):p.393-396
Descriptor: islands * reclamation * reforestation * flood control * desertification * social organization * social aspects * government policy * political aspects
Geographical descriptor: Cape Verde * Africa

- 0867 *Davies, H.R.J*
RURAL DEVELOPMENT IN WHITE NILE PROVINCE, SUDAN: A STUDY OF INTERACTION BETWEEN MAN AND NATURAL RESOURCES
Lang.: eng. Tokyo, Japan: United Nations University. 1986. v, 142p
Descriptor: rural development * natural resources * economic development * climate soil * classification * physico-chemical properties of soils
Geographical descriptor: Sudan * Africa
- 0868 *Davies, H.R.J.; Khogali, M.M*
SWANSEA-KHARTOUM JOINT RESEARCH PROJECT: DESERTIFICATION IN THE WHITE NILE REGION OF SUDAN
Lang.: eng. 1981-1982. Series title: Swansea Geographer. Vol.19:p.60-64
Descriptor: environmental impact * desertification
Geographical descriptor: Swansea * Khartoum * White Nile River * Sudan * Africa
- 0869 *Davies, S.J.J.F.; Walsh, T.F.M*
OBSERVATIONS ON THE REGENERATION OF SHRUBS AND WOODY FORBS OVER A TEN YEAR PERIOD IN GRAZED QUADRATS ON MILEURA STATION WESTERN AUSTRALIA
Lang.: eng. 1979. Series title: Australian Rangeland Journal. Vol.1(3):p.215-224
Descriptor: shrubs * quadrats * trees * grazing * forbs * plant establishment * revegetation
Geographical descriptor: Australia * Western Australia
- 0870 *Davy, E.G.; Zaitsev, A.S*
AGRO-CLIMATOLOGICAL ASPECTS OF AGRICULTURAL RESOURCE CONSERVATION
Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
Lang.: eng. New York: United Nations Economic and Social Council. 1981. Vol.1, 23p
Descriptor: agroclimatology * natural resources * agricultural resources * conservation * desertification
Geographical descriptor: ECWA Region * Middle East
- 0871 *Davy, E.G*
DROUGHT IN WEST AFRICA
Lang.: eng. World Meteorological Organization. 1974. Series title: World Meteorological Organization. Bulletin. Vol.23(1):p.18-23
Descriptor: drought
Geographical descriptor: West Africa * Africa
- 0872 *Dayton, J*
THE PROBLEM OF CLIMATIC CHANGE IN THE ARABIAN PENINSULA
Meeting or Conf.: Seminar for Arabian Studies, Proceedings
Lang.: eng. London, U.K.: Institute of Archaeology. 1975. Vol.5:p.33-60
Descriptor: environmental impact * climatic change
Geographical descriptor: Arabian Desert * Middle East
- 0873 *De Boodt, M*
LONG DISTANCE WATER TRANSFER AND ITS POSSIBILITIES FOR FIGHTING DESERTIFICATION
Meeting or Conf.: Proceedings of the IWSA Symposium, London, U.K., July 17-18, 1986
Lang.: eng. Ghent, Belgium: State University of Ghent. 1987. p.179-188. ISSN 0735-1917. Note: (In) Water Supply Vol.5(1), Drought and Famine
Descriptor: water resources management * water transfer * desertification control
- 0874 *De Bruyn, L.P.; De Jager, J.M*
A METEOROLOGICAL APPROACH TO THE IDENTIFICATION OF DROUGHT SENSITIVE PERIODS IN FIELD CROPS
Lang.: eng. 1978. Series title: Agricultural Meteorology. Vol.19(1):P.35-40
Descriptor: crop response * drought * climate models * drought tolerance * plant growth * stress factors * meteorology
Geographical descriptor: South Africa * Africa
- 0875 *De Carvalho, V.C*
O USO DE SENSORIAMENTO REMOTO AEREO PARA UM ESTUDO DE CASO DE DESERTIFICACAO (The Use of Aerial Remote Sensing in a Case Study of Desertification)
Meeting or Conf.: Presented at the 1st National Meeting of the Middle Atmosphere Study, Garanhuns, Brazil, Oct. 6-11, 1986
Lang.: por. Sao Jose dos Campos, Brazil: Instituto de Pesquisas Espaciais. July 1986
Descriptor: case studies * arid land * desertification * land use * human ecology * vegetative index * aerial photography * aerial surveys * photointerpretation * remote sensing
Geographical descriptor: South America * Brazil
- 0876 *De Fina, A.L.; et al*
DIFUSION GEOGRAFICA DE CULTIVOS INDICES EN LA PROVINCIA DE CORDOBA Y SUS CAUSAS (Geographic Distribution of Crop-Indexes in Cordoba Province and Its Causes)
Lang.: spa. 1966. Series title: Argentina. Instituto de Suelos y Agroecnia. Publicacion. No.102. 45p
Descriptor: climatic data * crop production * agronomy * ecology
Geographical descriptor: South America * Cordoba Province * Argentina * Monte
- 0877 *De La Torre, J.C.; Sasser, J.H.; Lira, J*
A MEASURING REFERENCE SYSTEM TO QUANTIFY THE DESERTIFICATION PROCESS IN A SEMIARID ECOSYSTEM BASED ON LANDSAT MSS DATA
Meeting or Conf.: Proceedings of the 11th. International Symposium, West Lafayette, IN, June 25-27, 1985
Lang.: eng. 1985. p.112-121. Note: (In) Machine Processing of Remotely Sensed Data-Quantifying Global Process: Models, Sensor Systems, and Analytical Methods
Descriptor: environmental monitoring * Landsat * satellites * multispectral band scanners * reference systems * satellite imagery * measurement
- 0878 *De Planhol, X*
ASPECTS OF MOUNTAIN LIFE IN ANATOLIA AND IRAN
Lang.: eng. London, U.K.: Arnold. 1966. p.291-308. Note: (In) Geography as Human Ecology by S.R. Eyre and G.R.J. Jones (eds.)
Descriptor: human ecology * mountains * ethnology
Geographical descriptor: Turkey * Iran * Anatolia * Middle East
- 0879 *De Vos, A*
AFRICA, THE DEVASTATED CONTINENT
Lang.: eng. The Hague, The Netherlands: W. Junk. 1975. Series title: Africa the Devastated Continent, Monographiae Biologicae. 26. 236p
Descriptor: environmental impact * drought * overgrazing * ecology * arid land * semiarid climate * deserts * vegetation types * desertification * geology * geography * phytogeography * zoogeography * soil types * ecosystems * desert biome * land use * animal damage * land management * planning
Geographical descriptor: Africa

- 0880 *de Wispelaere, G*
APPLICATION D'UNE METHODE D'ANALYSE NUMERIQUE DES DONNEES LANDSAT A LA CARTOGRAPHIE DES ZONES DESERTIFIEES D'UN ECOSYSTEME SAHELIEEN SENEGALAIS (Application of a Method of Numerical Analysis of Landsat Data to Cartography of Desertified Zones of a Sahelian Senegalese Ecosystem)
Meeting or Conf.: 4EME Colloque International du Groupement pour le Developpement de la Teledetection Aerospaciale, Toulouse, France, June 22-26, 1981
Lang.: fr. Toulouse: Group pour le Developpement de la Teledetection. 1982. p.433-458
Descriptor: Landsat * cartography * ecosystems * digital data * environmental monitoring * numerical analysis * satellites
Geographical descriptor: Sahel * Senegal * Africa
- 0881 *Deacon, E.L*
CLIMATIC CHANGE IN AUSTRALIA SINCE 1890
Lang.: eng. 1953. Series title: Australian Journal of Physics. Vol.6:p.209-218
Descriptor: climatic change * climate
Geographical descriptor: Australia
- 0882 *Dean, G.A*
THE THREE-DIMENSIONAL WIND STRUCTURE OVER SOUTH AMERICA AND ASSOCIATED RAINFALL OVER BRAZIL
Lang.: eng. 1971. 33p
Descriptor: rainfall * climatology * monsoons * weather patterns * atmospheric circulation
Geographical descriptor: South America * Brazil
- 0883 *Dean, W.R.J*
CONSERVATION OF THE WHITE-TAILED DRAT IN SOUTH AFRICA
Lang.: eng. 1978. Series title: Biological Conservation. Vol.13:p.133-140
Descriptor: wildlife habitats * rodents * overgrazing * grasslands * biome * vegetation change * conservation
Geographical descriptor: Africa * South Africa
- 0884 *Debuchy, V*
L'AMENAGEMENT D'UNE REGION DESERTIQUE: L'EXEMPLE DU NEGEV (Development of a Desert Region: The Example of the Negev)
Lang.: fr. 1972. Series title: Revue Europeenne des Sciences Sociales. Vol.10(26):p.151-192
Descriptor: land use * reclamation * social organization * productivity * demography * economic development * social aspects
Geographical descriptor: Negev * Israel * Middle East
- 0885 *DeClercq, C.; Maisari, A*
THE ROLE OF ECWA IN EFFORTS TO COMBAT DESERTIFICATION IN WESTERN ASIA
Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
Lang.: eng. New York: United Nations Economic and Social Council. 1981. 25p
Descriptor: desertification control
Geographical descriptor: Asia * West Asia * ECWA Region
- 0886 *Dedkov, V.P.; Ganin, P.D.; Ishankuliev, M*
CHARACTERIZATION OF THE BASIC ELEMENTS OF WATER BALANCE OF PLANT COMMUNITIES IN A SANDY DESERT Taking the eastern Karakums as an example
Lang.: rus. 1975. Series title: Problems of Desert Development. No.2:p.21-27. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: plant communities * plant water relations * water balance * sandy soils * deserts
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 0887 *Degens, E.T.; et al*
THE GEOLOGY, ORIGIN AND AGE OF THE GROUND WATER SUPPLIES IN SOME DESERT AREAS OF U.A.R. (EGYPT)
Lang.: eng. Cairo, Egypt: Desert Institute. 1962. Series title: Desert Institute Bulletin. Vol.7(2):p.61-124
Descriptor: groundwater * oases * wadi * coastal areas * geology * radiocarbon dating * artesian wells * deserts
Geographical descriptor: Egypt * Kharga Oasis * Dakhla Oasis * Sinai * Africa * Middle East
- 0888 *Dehsara, M*
AN AGRO-CLIMATOLOGICAL MAP OF IRAN
Lang.: eng. 1973. Series title: Archiv fuer Meteorologie, Geophysik, und Bioklimatologie. Series B. Vol.21(4):p.393-402
Descriptor: agroclimatology * maps
Geographical descriptor: Iran * Middle East
- 0889 *Dejesusparada, N.; Lombardo, M.A.; Decarvalho, V.C*
PRELIMINARY ANALYSIS OF THE POTENTIAL OF LANDSAT IMAGERY TO STUDY DESERTIFICATION
Meeting or Conf.: International Symposium on Remote Sensing of Environment, 14th. San Jose, Costa Rica, Apr. 23-30, 1980
Lang.: eng. National Aeronautics and Space Administration. June 1980. 10p
Descriptor: ecology * environmental monitoring * photointerpretation * soil erosion * soil moisture * thematic mapping * vegetation growth * earth resources program * multispectral band scanners * Landsat * satellites
Geographical descriptor: Brazil * South America
- 0890 *Delatorre, J.C*
SYSTEMS APPROACH TO QUANTIFY DESERTIFICATION PROCESSES USING LANDSAT-MSS DATA
Lang.: eng. Mexico City, Mexico: Universidad Nacional de Mexico, Institute de Geogisica. May 1986. p.477-481. Note: (In) ESA Proceedings of an International Satellite Land-Surface Climatology Project (ISLSCP) conference
Descriptor: desertification * remote sensing * satellite design * systems analysis * systems engineering * Landsat * satellites * multispectral band scanners * system identification
- 0891 *Delhave, R.; Le Houerou, H.N.; Sarson, M*
AMELIORATION DES PATURAGES ET DE L'ELEVAGE DANS LE HODNA (ALGERIE)
Lang.: fr. Rome: Food and Agriculture Organization. 1974. Series title: Technical Report. No.2. 115p
Descriptor: pastures * revegetation * livestock * grazing * range management
Geographical descriptor: Algeria * Africa
- 0892 *Delibrias, G.; Gasse, F.; Rognon, P*
EXISTENCE DE LACS IMPORTANTS AU PLEISTOCENE SUPERIEUR (34,000-23,000 ANSBP) DANS L'AFAR MERIDIONAL (ETHIOPIE)
Lang.: fr. 1973. Series title: Academie des Sciences. Comptes Rendus. Series D. 277:p.2633-2636
Descriptor: lakes * Pleistocene epoch * climatic change
Geographical descriptor: Ethiopia * Africa
- 0893 *Delvigne, J.J. (ed.); Kwaad, F.J.P.M. (ed.)*
THE MANUMMER. 'ONDERZOEK VAN VODEM EN LANDSCHAP ALS NATUURLIJKE HULPBRONNEN IN ONTWIKKELINGSLANDEN' (Theme Number. The Investigation of Soil and Land Resources as Natural Resources in Developing Countries)
Lang.: dut. 1980. Series title: Geografisch Tijdschrift. Vol.14(5):p.353-458
Descriptor: land use * production factors * erosion * developing countries
- 0894 *Delwaule, J.C*
DESERTIFICATION AU SUD DU SAHARA
Lang.: fr. 1973. Series title: Bois et Forets des Tropiques. Vol.149:p.3-30
Descriptor: desertification
Geographical descriptor: Sahel * Sahara * Africa

- 0895 *Demangeot, J*
THE MIDDLE 'NATURAL' DESERTS
Lang.: eng. Centre de Documentation Universitaire & Societe.
1981
Descriptor: deserts
- 0896 *Demin, Y.I.; Babayeva, O.I*
OPYT ULUSHCHENIYA POLYNO-EFEMEROVYKH
PASTBISHCH TADZHIKISTANA (Experiments in improving
the wormwood-ephemeral pastures of Tadzhikistan)
Lang.: rus. Dushanbe, Tadzhik SSR: Ministry of Agriculture.
1968. 24p
Descriptor: pastures * wormwood * Artemisia * Poa bulbosa *
crop yield
Geographical descriptor: Tadzhik SSR * USSR
- 0897 *Democratic Yemen. Ministry of Agriculture*
CONTROL OF DESERTIFICATION IN DEMOCRATIC
YEMEN
Lang.: ara. Aden, Democratic Yemen: Hamadani Printing and
Publishing House. June 1984. 7p
Descriptor: desertification * climatology * reclamation * land
resources * natural disasters * natural resources * soil resources
Geographical descriptor: Yemen * Asia * Middle East
- 0898 *Denevan, W.M*
LIVESTOCK NUMBERS IN NINETEENTH-CENTURY NEW
MEXICO AND PROBLEMS OF GULLYING IN THE
SOUTHWEST
Lang.: eng. 1967. Series title: Association of American
Geographers. *Annals*. Vol.57(4):p.691-703
Descriptor: livestock * gully erosion * soil erosion
Geographical descriptor: Southwestern U.S. * New Mexico
- 0899 *Denisoff, I.A*
SOIL DEPLETION AND DEGRADATION CONTROL IN THE
TROPICS
Lang.: eng. Moscow: Centre of International Projects, GKNT.
1982. 101p
Descriptor: soil degradation * soil surveys * grazing * forest
resources * land management * fertilizers * water erosion * wind
erosion * deserts * rangelands * tropics
- 0900 *Denive, R*
EXODE OU JARDINAGE? RAPPORT DE MISSION
CONCERNANT LE PROJET "DIVERSIFICATION AGRICOLE
ET HAIES VIVES" A BALEYARA EN REPUBLIQUE DU
NIGER (Exodus or Gardening? Mission Report on the Project
"Agricultural Desertification and Guichet Hedje" in Baleyara,
Niger)
Lang.: fre. May 1983. 22p
Descriptor: gardens * wells * hydraulic engineering * water
supply
Geographical descriptor: Baleyara * Niger * Francophone Africa
* Africa
- 0901 *Dennell, R.W*
ARCHAEOLOGY AND THE STUDY OF DESERTIFICATION
Lang.: eng. London, U.K.: Academic Press. 1982. p.43-60.
Note: (In) Desertification and Development: Dryland Ecology
in Social Perspective by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: soil fertility * desertification * archaeology
- 0902 *Dennell, R.W*
DRYLAND AGRICULTURE AND SOIL CONSERVATION: AN
ARCHAEOLOGICAL STUDY OF CHECK-DAM FARMING
AND WADI SILTATION
Lang.: eng. London, U.K.: Academic Press. 1982. p.171-200.
Note: (In) Desertification and Development: Dryland Ecology
in Social Perspective by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: water management * dams * soil conservation * dry
farming * wadi * siltation * check dam farming
Geographical descriptor: Iran * Middle East
- 0903 *Depierre, D.; Gillet, H*
DESERTIFICATION DE LA ZONE SAHELIENNE AU TCHAD
Lang.: fre. 1971. Series title: Bois et Forêts des Tropiques.
Vol.139:p.3-25
Descriptor: desertification * climatic vegetal relationships *
deserts * grazing effects * rainfall * reforestation * seedlings *
evaluation
Geographical descriptor: Sahel * Chad * Sahara * Africa
- 0904 *Deridder, N.A*
SEDIMENTS OF THE KONYABASIN, CENTRAL ANATOLIA,
TURKEY
Lang.: eng. 1965. Series title: Palaeography, Palaeoclimatology,
Palaeoecology. Vol.1:p.225-254
Descriptor: sediments * basins
Geographical descriptor: Turkey * Konya Basin * Anatolia *
Middle East
- 0905 *Desbois, M.; Picom, L.; Seze, G*
RETRIEVAL OF SOME CLIMATIC ELEMENTS OF AFRICA
FROM METEOSAT DATA ANALYSIS
Meeting or Conf.: COSPAR, WMO, IAMAP, UNEP, SCOR,
URSI, and SCAR, Plenary Meeting, 25th. Symposium on Space
Observations for Climate Studies, 4th. Graz, Austria, June
25-July 7, 1984
Lang.: eng. 1985. Series title: Advances in Space Research.
Vol.5(6):p.49-52. ISSN 0273-1177
Descriptor: Meteosat * satellites * climate * annual variations *
atmospheric models * climatology * albedo * image processing
* numerical weather forecasting * observations
Geographical descriptor: Africa
- 0906 *Desert Afforestation Research Station, Jodhpur*
SOIL CONSERVATION IN THE RAJASTHAN DESERT;
WORK OF THE DARS
Lang.: eng. Government of India. Ministry of Food and
Agriculture. 1956. 22p
Descriptor: afforestation * soil conservation
Geographical descriptor: Rajasthan * India
- 0907 *Deshmukh, I*
ECOLOGY AND TROPICAL BIOLOGY
Lang.: eng. Palo Alto, CA: Blackwell Scientific Publications.
1986. 387p. ISBN 0-86542-316-4
Descriptor: ecology * tropics * energy flow * nutrient cycles *
human population * human ecology * conservation * forest
management * desertification * deforestation
- 0908 *Despois, J*
DEVELOPMENT OF LAND USE IN NORTHERN AFRICA
WITH REFERENCES TO SPAIN
Lang.: eng. Paris: UNESCO. 1961. Series title: Arid Zone
Research. Vol.17:p.219-237
Descriptor: land use * terraces * dry farming * livestock
Geographical descriptor: Africa * Morocco * Algeria * Tunisia
* Sahara * North Africa * Spain
- 0909 *Dezau, J*
ANOTHER AGRICULTURE: EXPANSION,
DESERTIFICATION, FRANCE
Lang.: eng. 1982. Series title: Sociol-Ruralis.
Vol.22(2):p.167-171. ISSN 0038-0199
Descriptor: expansion * desertification control * agricultural
development
Geographical descriptor: France
- 0910 *Destombes, J.; Jeannette, A.; Raynal, R*
ROLE DES PROCESSUS PERIGLACIAIRES DANS LA
FORMATION DES DAYAS DE LA REGION DE BOULHAUT
(MESETA COTIERE MAROCAINE)
Lang.: fre. 1957. Series title: Academie des Sciences. *Comptes
Rendus*. Vol.245(20):p.1734-1736
Descriptor: glacial geology * geomorphology * coastal areas
Geographical descriptor: Morocco * Africa

- 0911 *DeTroyer, C*
DESERTIFICATION CONTROL IN THE SUDANIAN AND SAHELIAN ZONES OF WEST AFRICA--BETTER MANAGEMENT OF THE RENEWABLE RESOURCE BASE
Lang.: eng. Oct. 1986. Series title: *Foreign Ecology Management*. Vol.16(1-4):p.233-241. ISSN 0378-1127
Descriptor: desertification * management * renewable resources * environmental protection * human activity
Geographical descriptor: Africa * Sudan * Sahel * West Africa
- 0912 *Deutsche Gesellschaft fuer Technische Zusammenarbeit G.M.B.H*
SEP (SPECIAL ENERGY PROGRAMME) KENYA Background, Current Activities, Outlook for the Future
Lang.: ger. Eschborn, Germany: The Author. 1985. 67p. ISBN 3-88085-266-9
Descriptor: energy policy * developing countries * renewable resources * technology transfers * energy consumption * research programs * appliances * energy conservation
Geographical descriptor: Africa * Kenya
- 0913 *Devgon, U*
MAN AGAINST THE DESERT
Lang.: eng. Washington, D.C.: U.S. Information Agency. 1974. Series title: *Topic*. Vol.83:p.29-35
Descriptor: desertification * climatic change * deserts * vegetation change * grazing * sand control * semiarid climate * erosion * denudation * erosion control * windbreaks * land management * environmental impact * water management * irrigation * desalination processes * surface water runoff * geothermal energy * arid land * water sources
Geographical descriptor: Africa * Libya * Sahel * Sudan * Tunisia * India * Rajasthan
- 0914 *Devynck, J.L*
CONTRIBUCION AL ESTUDIO DE LA CIRCULACION ATMOSFERICA EN CHILE Y EL CLIMA DE LA REGION DEL BIO-BIO (Contribution to the Study of Atmospheric Circulation in Chile and the Climate of the Bio-Bio Region)
Lang.: spa. Universidad de Concepcion. Departamento de Geofisica. 1970. 166p
Descriptor: atmospheric precipitation * meteorological data * weather patterns * synoptic meteorology * climatic zones * atmospheric circulation * semiarid climate * solar radiation * temperature
Geographical descriptor: Bio Bio Region * Chile * South America
- 0915 *Dewan, M.L.; Famouri, J*
THE SOILS OF IRAN
Lang.: eng. Rome: Food and Agriculture Organization. 1964. 319p.: Map (Scale 1:2,500,000)
Descriptor: soil types * soil profiles * soil analysis * physico-chemical properties of soils
Geographical descriptor: Middle East * Iran
- 0916 *Dewolf, Y.; et al*
PREMIERES OBSERVATIONS SUR UNE TRAVERSEE DU SAHARACENTRAL. COLLOQUE SUR LES DESERTS
Lang.: fre. Association de Geographes Francais. 1972. Series title: *Association de Geographes Francais. Bulletin*. Vol.49(399):p.190-211
Descriptor: deserts
Geographical descriptor: Sahara * Africa
- 0917 *Dhabriya, S.S*
DETECTION AND MONITORING OF DESERTIFICATION USING REMOTELY SENSED DATA PRODUCTS
Meeting or Conf.: National Symposium on Desert Ecology, Oct. 24-27, 1986, Rajasthan, India
Lang.: eng. Jodhpur, India: Scientific Publishers. 1988. Series title: *Sci. Review of Arid Zone Research*. Vol.5:p.190-203. ISSN 0254-0568
Descriptor: remote sensing * human activity * livestock * grazing effects
- 0918 *Dhabriya, S.S.; Saini, R.R*
EXISTING LAND USE SYSTEM AND POSSIBLE STRATEGY TO EVOLVE AN OPTIMUM LAND USE PLAN, JAIPUR DISTRICT (RURAL)
Lang.: eng. Rajasthan, India: Social Policy Research Institute. 1986? iv, 25p
Descriptor: land management * land use * remote sensing * evaluation * deforestation * salinization * soil degradation * desertification control
Geographical descriptor: India * Jaipur District
- 0919 *Dhir, R.P.; Prakash, I.; Purohit, M.L*
ARID ZONE RESEARCH AND DEVELOPMENT IN CHINA
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1978. 59p. Note: "Based on participation in the Seminar Desertification and its Control in China, Aug. 19 - Sept. 22, 1978, sponsored by United Nations Environment Programme."
Descriptor: environmental impact * deserts * ecosystems * sand control * water resources * pest control * economic development * rural development * afforestation * desertification control * arable land
Geographical descriptor: China * Asia
- 0920 *Dhir, R.P*
FLUX IN THE INDIAN ARID ZONE
Meeting or Conf.: National Symposium on Desert Ecology, Oct 24-27, 1986, Rajasthan, India
Lang.: eng. Jodhpur, India: Scientific Publishers. 1988. Series title: *Sci. Review Arid Zone Research*. Vol.5:p.15-36. ISSN 0254-0568
Descriptor: deserts * environmental degradation * arid zones * climatic factors
Geographical descriptor: India
- 0921 *Dhir, R.P.; Kolarkar, A.S*
OBSERVATIONS ON GENESIS AND EVOLUTION OF ARID ZONE SOILS
Lang.: eng. 1977. Series title: *Indian Society of Soil Science. Journal*. Vol.25(3):p.260-264
Descriptor: Pleistocene epoch * soil formation * deserts * aridisols * physico-chemical properties of soils * aridity
Geographical descriptor: India * Thar Desert
- 0922 *Dhir, R.P*
SOIL DEGRADATION DUE TO OVER-EXPLOITATIVE HUMAN EFFORT
Lang.: eng. 1977. Series title: *Annals of Arid Zone*. Vol.16(3):p.321-330
Descriptor: soil degradation * soil fertility * productivity * crop production * environmental impact
Geographical descriptor: India * Rajasthan
- 0923 *Dhir, R.P.; Singh, N.; Sharma, B.K*
SOME OBSERVATIONS ON THE BEHAVIOUR OF SOILS AND SEDIMENTS UNDER LATE QUATERNARY ENVIRONMENT AND HUMAN SETTLEMENT IN WESTERN RAJASTHAN
Lang.: eng. 1977. Series title: *Man and Environment*. Vol.1:p.21-24
Descriptor: soil fertility * Quaternary period * sediments * land use * decomposition
Geographical descriptor: Rajasthan * India
- 0924 *Dhir, R.P*
THE HUMAN FACTOR IN ECOLOGICAL HISTORY INDIA
Lang.: eng. London, U.K.: Academic Press. 1982. p.311-331. ISBN 0126580502. Note: (In) *Desertification and Development: Dryland Ecology in Social Perspective* by B. Spooner, H.S. Mann (eds.), 407p
Descriptor: desertification * arid land * environmental impact * human factor * ecological history
Geographical descriptor: India

- 0925 *Dhonnew, G*
SECHERESSE ET/OU DESERTIFICATION AU SAHEL
CLIMATOLOGIE (Drought and/or Desertification in Sahel
Climatology)
Lang.: fre. Mar 1981. Series title: *Meteorologie*.
Vol.6(24):p.119-123. ISSN 0026-1181
Descriptor: desertification * climatology * drought
Geographical descriptor: Sahel * Africa
- 0926 *Diakite, N*
ORGANISATION DES POPULATIONS ET GESTION DES
TERROIRS PASTORAUX COMME APPROCHE AUX
PROBLEMES DE DESERTIFICATION. CAS DE SYSTEMES
PASTORAUX LIES AU DELTA INTERIEUR DU
NIGER (Organization of the Populations and Management of
the Pastoral Areas as an Approach to the Desertification
Problems
Example of Pastoral Systems Related to the Interior Delta of
the River Niger)
Lang.: fre. 1985. Series title: *Bulletin des Recherches
Agronomiques de Gembloux*. Vol.20(3-4,pt.1):p.357-367.
ISSN 0435-2033
Descriptor: deltas * pastoralism * rangelands * desertification *
environmental impact * population pressure * cooperative
activities * pastures * natural disasters * geomorphology *
production factors
Geographical descriptor: Niger * Mali * Francophone Africa *
Africa
- 0927 *Diallo, C.O*
LE ROLE ET LA RESPONSABILITE DES MOYENS
D'INFORMATION DANS LA LUTTE CONTRE LA
SECHERESSE (Role and Responsibility of Mass Media in
Drought Control)
Lang.: fre. Jan.-June 1985. Series title: *Rivista di Agricoltura
Subtropicale e Tropicale*. Vol.79(1-2):p.85-88. ISSN 0035-6026
Descriptor: drought * journalism * mass media * desertification
* natural disasters * public relations
- 0928 *Diaz, N.; Tapia, A*
PRINCIPALES ASPECTOS DE LA EROSION EN LA
PROVINCIA DE COQUIMBO (Principal Aspects of Erosion in
Coquimbo Province)
Lang.: spa. La Serena, Chile: Universidad de Chile. 1968. 31p
Descriptor: soil surveys * erosion
Geographical descriptor: Coquimbo Province * South America
* Chile
- 0929 *Dicker, T*
GEO-CHEMICAL CLASSIFICATION OF GROUNDWATER IN
THE CARMEL REGION
Lang.: eng. 1969. Series title: *Israel Journal of Earth Sciences*.
Vol.18(2):p.71-81
Descriptor: water chemistry * groundwater * geochemistry
Geographical descriptor: Middle East * Israel * Carmel Region
- 0930 *Dimmock, G.M.; Bettenay, E.; Mulcahy, M.J*
SALT CONTENT OF LATERITIC PROFILES IN THE
DARLING RANGE, WESTERN AUSTRALIA
Lang.: eng. 1974. Series title: *Australian Journal of Soil
Research*. Vol.12:p.63-69
Descriptor: saline soils * clear cutting * water yield * salts *
revegetation * mine wastes * soil profiles * soil surfaces
Geographical descriptor: Australia * Western Australia
- 0931 *Dincer, T.; Payne, B.R*
AN ENVIRONMENTAL ISOTOPE STUDY OF THE SOUTH
WESTERN KARST REGION OF TURKEY
Lang.: eng. 1971. Series title: *Journal of Hydrology*.
Vol.14(3-4):p.233-258
Descriptor: isotopes * water sources * lakes * rivers * springs *
flow * groundwater recharge * karst
Geographical descriptor: Turkey * Middle East
- 0932 *Dittmer, H.J*
VEGETATION OF THE SOUTHWEST-PAST AND PRESENT
Lang.: eng. 1951. Series title: *Texas Journal of Science*.
Vol.3(3):p.350-355
Descriptor: vegetation * history * grasslands * grassland biome
* desert grassland * vegetation change * range management *
land use
Geographical descriptor: Southwestern U.S. * Arizona * New
Mexico * Texas
- 0933 *Dixon, R.M*
CONTROLLING INFILTRATION AND DESERTIFICATION
PROCESSES
Lang.: eng. 1983. Series title: *American Society of Agricultural
Engineers, Paper, No.83-2514*. 16p
Descriptor: erosion control * land imprinting * infiltration
control * sward renovation * desertification
- 0934 *Dixon, R.M*
IMPRINTATION: A PROCESS FOR REVERSING
DESERTIFICATION
Lang.: eng. 1987. p.295-306. Note: (In) *Erosion Control -
You're Gambling Without it*. 18th International Erosion Control
Association Conference Proceedings
Descriptor: desertification control * watersheds * water
conservation * erosion control
- 0935 *Dixon, R.M*
IMPRINTING REVEGETATION SYSTEM: HOW IT WORKS
AND THINGS THAT CAN GO WRONG
Lang.: eng. Tucson, AZ: Aird Land Ecosystems Improvement.
1981. 9p
Descriptor: rangelands * water conservation * rainfall seeds *
population pressure * ecosystems
- 0936 *Dixon, R.M*
LAND IMPRINTING FOR CONTROLLING INFILTRATION
AND DESERTIFICATION PROCESSES
Lang.: eng. St. Joseph, MI: The Society. 1983. Series title:
American Society of Agricultural Engineers, Paper, 1
microfiche. Note: Paper presented at the 1983 Winter Meeting
of the American Society of Agricultural Engineers (fiche no.
83-2514)
Descriptor: erosion control * land imprinting * infiltration
control * desertification
- 0937 *Dixon, R.M.; Simanton, J.R.; Morton, H.L*
RANGE IMPROVEMENT WITH THE LAND IMPRINTER
Meeting or Conf.: Society for Range Management, 33rd Annual
Meeting, San Diego, CA, Feb. 11-14, 1980, Abstracts and
Position Statements
Lang.: eng. Denver, CO: Society for Range Management.
1980. p.53. Note: Abstract only
Descriptor: rangelands * land improvement * land imprinting
Geographical descriptor: Arizona
- 0938 *Djuraev, K.S*
TYPICAL ARID REGIONS OF THE USSR AND THEIR
INTEGRATED ECONOMIC DEVELOPMENT. D. TAJIK
TERRITORIAL PRODUCTION UNIT
Lang.: eng. Moscow, USSR: GKNT. Centre for International
Projects. 1986. p.132-135. Note: (In) *Arid Land Development
and the Combat Against Desertification: An Integrated
Approach* by M.H. Glantz (ed.), 145p
Descriptor: arid land * desertification * land development * land
types * irrigation
Geographical descriptor: USSR * Tajik SSR
- 0939 *Doberitz, R*
ZUM KUESTENKLIMA VON PERU (Coastal Climate of Peru)
Lang.: ger. 1967. Series title: *Seewetteramt (Hamburg),
Einzelveroeffentlichungen*. 59. 115p
Descriptor: climatic data * deserts * coastal areas * air
temperature * ocean currents * Peru current * El Nino
Geographical descriptor: Peru * South America

- 0940 *Dobyns, H.F.*
FROM FIRE TO FLOOD
Lang.: eng. Socorro, NM: Ballena Press. 1981. 222p
Descriptor: fire effects * environmental impact * drought * floods
- 0941 *Dodoo, R.*
AN EXAMINATION OF THE DESERTIFICATION PROCESS AND MEASURES IN GHANA: COUNTRY PAPER
Meeting or Conf.: UN Economic Commission for Africa. United Nations Environment Programme Desertification Conference, Nairobi
Lang.: eng. Nairobi, Kenya: UN Economic Commission for Africa. 1977. 16p
Descriptor: desertification control * water management * afforestation * overgrazing * deforestation
Geographical descriptor: Ghana * Africa
- 0942 *Doherty, V.S.*
THE ANTHROPOLOGY OF RESOURCE CONTROL AND CONSERVATION
Lang.: eng. 1980. Series title: *Annals of Arid Zone*. Vol.19(4):p.519-523
Descriptor: tenure systems * farm size * desertification * marginal land
Geographical descriptor: India * Rajasthan
- 0943 *Dohrenwend, J.C.*
INTERPRETATION OF ARID LANDSCAPES: SOME GENERAL IDEAS FOR FUTURE RESEARCH
Lang.: eng. U.S. Geological Survey. 1987. Series title: *U.S. Geological Survey, Circular*. No.989:p.18-19. ISSN 0364-6017. Note: (In) *A Workshop on Desert Processes* by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: arid land * research * desert processes
- 0944 *Dollfus, O.*
CAMBIOS CLIMATICOS CUATERNARIOS EN LOS ANDES PERUANOS (Quaternary Climatic Changes in the Peruvian Andes)
Lang.: spa. 1964-1965. Series title: *Sociedad Geographica de Lima, Boletin*. Vol.83:p.65-67, Vol.84:p.69-83
Descriptor: climate * paleoclimatology * climatic change * Quaternary period * humans * deserts * environmental effects * mountains * forests * settlements * archaeology
Geographical descriptor: South America * Andes * Peru
- 0945 *Dollfus, O.*
LES ANDES CENTRALES DU PEROU ET LEUR PIEDMONT X 3488m
Lang.: fre. Lima: Institut Francais d'Etudes Andines. 1965. 404p
Descriptor: pediments * mountains
Geographical descriptor: Andes * South America
- 0946 *Dollfus, O.*
NOTA SOBRE UNA CRISIS CLIMATICA RECIENTE EN EL DESIERTO PERUANO A PARTIR DEL ANALISIS POR C14 DE OSAMENTOS HUMANOS (Note on a Recent Climatic Crisis in the Peruvian Desert from Analysis of C14 in Human Bones)
Lang.: spa. 1962. Series title: *Sociedad Geologica del Peru, Boletin*. Vol.83:p.65-70
Descriptor: paleoclimatology * climatic change * radiocarbon dating * archaeology * coastal areas
Geographical descriptor: Peru * South America
- 0947 *Donaldson, C.H.; Kelk, D.M.*
AN INVESTIGATION OF THE VELD PROBLEMS OF THE MOLOPO AREA I. Early Findings
Lang.: eng. 1970. Series title: *Grassland Society of South Africa, Proceedings*. Vol.5:p.50-57
Descriptor: shrubs * drought * soil fertility * pastures * veld * animal nutrition * food supply * nutrient loss * soil degradation
Geographical descriptor: South Africa * Africa
- 0948 *Donaldson, C.H.*
CONTROL OF BLACKTHORN IN THE MOLOPO AREA WITH SPECIAL REFERENCE TO FIRE
Lang.: eng. 1966. Series title: *Grassland Society of South Africa, Proceedings*. Vol.1:p.57-62
Descriptor: thorn forest * mechanical controls * brush control * shrubs * veld * grasses * fire effects * Acacia
Geographical descriptor: South Africa * Africa * Molopo Area
- 0949 *Doneen, L.D.*
DRAINAGE AND RECLAMATION OF SALINE SOILS AND RELATED IRRIGATION PRACTICES: REPORT TO THE GOVERNMENT OF IRAQ
Lang.: eng. Rome: Food and Agriculture Organization. 1963. Series title: *EPTA Report*. No.1666. 10p
Descriptor: saline soils * soil reclamation * irrigation systems * drainage * reclamation * aridisols
Geographical descriptor: Iraq * Middle East
- 0950 *Dong, G.; Li, C.; Jin, J.; et al.*
SOME RESULTS OF THE SIMULANT EXPERIMENT ON WIND EROSION SOIL IN WIND TUNNELS
Lang.: eng. Lanzhou, China: Lanzhou Institute for Desert Research. *Academia Sinica*. 1987. Series title: *Kexue Tongbao*. Vol.32(24):p.1703-1709. ISSN 0250-7862
Descriptor: wind erosion * soils * wind tunnels
- 0951 *Dorokhov, L.A.; Orlovskii, N.S.*
IMPLEMENTATION OF THE PLAN OF ACTION FOR COMBATING DESERTIFICATION IN COUNTRIES OF THE ESCAP REGION
Lang.: eng. 1985. Series title: *Problems of Desert Development*. No.3:p.53-61. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn* (1985, No.3:p.48-55)
Descriptor: desertification control * regional planning * international cooperation
Geographical descriptor: ESCAP Region * Asia * Pacific Islands
- 0952 *Dortignac, E.J.*
RIO PUERCO: ABUSED BASIN
Lang.: eng. 1963. Series title: *American Association for the Advancement of Science*. Vol.74:p.507-515. Note: (In) *Aridity and Man* by C. Hodge and P.C. Duisberg (eds.)
Descriptor: soil water plant relationships * watersheds * arid land * range management * river basins * erosion * gully erosion * soil erosion * sedimentation * history * drought * settlements * grazing
Geographical descriptor: Rio Grande Valley * New Mexico
- 0953 *Doshchanov, M.T.*
THE BLACK SAXAUL OF SURKHANDAR'INSKAYA OBLAST—BASE FOR THE PROCUREMENT OF SAXAUL SEEDS
Lang.: rus. 1975. Series title: *Tashkentskogo Sel'skokhozyaystvennogo Instituta, Nauchnyye Trudy*. Vol.50:p.117-124
Descriptor: Haloxylon ammodendron * seeds * seed production * reforestation
Geographical descriptor: USSR * Surkhandar'Inskaya Oblast * Uzbek SSR
- 0954 *Dostkach, A.G.*
NATURAL REGIONALIZATION OF THE CASPIAN SEMI-DESERT
Lang.: eng. Moscow: Nauka. 1980. p.142
Descriptor: regionalization * semiarid lands
Geographical descriptor: USSR * Caspian Sea Region
- 0955 *Douglass, A.E.*
A METHOD OF ESTIMATING RAINFALL BY THE GROWTH OF TREES
Lang.: eng. 1914. Series title: *American Geographical Society Bulletin*. Vol.46(5):p.321-335
Descriptor: climatology * analytical methods * *Pinus ponderosa* * paleoclimatology * dendrochronology * climatic change
Geographical descriptor: Arizona * Southwestern U.S.

- 0956 *Dougrameji, J.S.; Clor, M.A*
IRAQ: GREATER MUSSAYEB PROJECT. CASE STUDY ON DESERTIFICATION
 Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sept. 9, 1977
 Lang.: eng. UN Doc. no.: A/Conf. 74/10. 1977. 102p
Descriptor: desertification * saturated soils * saline soils * irrigation programs * drainage * reclamation * monitoring * river basins
Geographical descriptor: Iraq * Mesopotamian Plain * Middle East * Tigris River * Euphrates River
- 0957 *Doukoure, I*
LES CAUSES DE LA DESERTIFICATION DANS LA PARTIE NORD DE LA REGION CENTRE-OUEST DU SENEGAL (Causes of Desertification in the Northern Part of West-central Senegal)
 Meeting or Conf.: Seminaire de Teledetection, Dakar, Senegal, Mar. 21-Apr. 4, 1980
 Lang.: fre. Dakar, Senegal: Sec. Etat Rech. Sci. et Tech. 1980. p.539-559. Note: (In) Compte-rendus du Seminaire de Teledetection
Descriptor: desertification
Geographical descriptor: Senegal * Africa
- 0958 *Douste, R.; Ochanda, N.; Epp, H*
FOREST COVER MAPPING IN KENYA USING REMOTE SENSING TECHNIQUES
 Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1982? 113p
Descriptor: remote sensing * mapping * afforestation * forests
Geographical descriptor: Kenya * Africa
- 0959 *Downing, T.E*
CLIMATE CHANGE, VARIABILITY AND DROUGHT IN EASTERN AFRICA
 Lang.: eng. Worcester, MA: Programe for International Development, Clark University. 1982. Series title: East Africa Regional Studies. Regional Paper. No.9. 69p
Descriptor: drought * climate * rainfall * marginal lands * ecosystems
Geographical descriptor: Sudan * Ethiopia * Somalia * Djibouti * Kenya * Uganda * Tanzania * Rwanda * Burundi * Africa
- 0960 *Doyen, A*
LES PROBLEMES FORESTIERS DANS LES PAYS DU SAHEL. LA STEPPE A EPINEUX DU DOMAINE SAHELIEEN. LA FORET CLAIRE SEMI-SECHE, LA RONERAIE, LA MANGROVE DU DOMAINE SOUDANIEEN. LE CAS DU SENEGAL (Forestry Problems in the Sahelian Countries. The Thorne-bush Steppe of the Sahelian Domain. Clear Semidry Forest, Borassus and Mangrove of the Soudanian Domain. Case of Senegal)
 Lang.: fre. Nov-Dec 1987. Series title: Bulletin de la Societe Royale Forestiere de Belgique. Tijdschrift van de Koninklijke Belgische Bosbouwmaatschappij. Vol.94(6):p.273-284. ISSN 0037-9573
Descriptor: case studies * Borassus * mangrove forests * forest steppe * afforestation * ecological succession * desertification * economic plants * forestry practices * monocotyledons * natural disasters * Palmae
Geographical descriptor: Sahel * Senegal * Africa * Francophone Africa
- 0961 *Drabo, A.S*
LA STRATEGIE REGIONALE SAHELIEENNE DE LUTTE CONTRE LA DESERTIFICATION ET LE PROGRAMME D'ACTIONS C.I.L.S.S.POUR SA MISE EN OEUVRE (The Sahel Regional Strategy against the Desertification and the C.I.L.S.S.Action Plan for Its Carrying Out)
 Lang.: fre. Jan.-Jun. 1985. Series title: Rivista di Agricoltura Subtropicale e Tropicale. Vol.79(1-2):p.10108. ISSN 0035-6026
Descriptor: desertification * natural disasters
Geographical descriptor: Sahel * Africa
- 0962 *Draz, O*
CONSERVATION OF NATURE ALONG THE MEDITERRANEAN LITTORAL REGION OF THE EGYPTIAN DESERTS
 Lang.: eng. Cairo, Egypt: Desert Institute. 1961. Series title: Desert Institute Bulletin (Cairo). Vol.11(2):p.51-58
Descriptor: coastal areas * human activity * nomads * overgrazing * soil erosion * infiltration * microclimatology * runoff * desiccation * reclamation * deserts * rainfall intensity
Geographical descriptor: Egypt * Mediterranean Deserts * Africa
- 0963 *Draz, O*
REMOTE SENSING IN RANGE MANAGEMENT - AN APPROACH FOR PRACTICAL APPLICATION IN DEVELOPMENT
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, Proceedings, Cairo, Egypt, Jan. 19-25, 1982, Vol.1
 Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1982. Note: (In) Remote Sensing of Arid and Semi-Arid Lands, 1305p
Descriptor: arid land * remote sensing * range management * range development
- 0964 *Draz, O*
ROLE OF RANGE MANAGEMENT IN THE CAMPAIGN AGAINST DESERTIFICATION: THE SYRIAN EXPERIENCE AS AN APPLICABLE EXAMPLE FOR THE ARABIAN PENINSULA: A REPORT
 Meeting or Conf.: Regional Preparatory Meeting for the Mediterranean Area, Algarve
 Lang.: eng. [Algarve]: United Nations Environment Programme, Regional Office for West Asia. 1977. 37p
Descriptor: land management * rangelands * geomorphology * irrigation * ecosystems * environmental impact * environmental law * reforestation * agricultural production * climate
Geographical descriptor: Syria * Middle East
- 0965 *Dregne, H.E*
ARIDITY AND LAND DEGRADATION
 Lang.: eng. 1985. Series title: Environment. Vol.27(8):p.16-20, 28-33. ISSN 0013-9157
Descriptor: environmental degradation * aridity * land degradation
- 0966 *Dregne, H.E*
COMBATING DESERTIFICATION: EVALUATION OF PROGRESS
 Lang.: eng. 1984. Series title: Environmental Conservation. Vol.11(2):p.115-121
Descriptor: environmental policy * desertification
- 0967 *Dregne, H.E*
DEGRADATION BY DEGREES
 Lang.: eng. 1977. Series title: Geographical Magazine. Vol.49(11):p.708-710
Descriptor: environmental degradation * maps * desertification
- 0968 *Dregne, H.E.; Tucker, C.J*
DESERT ENCROACHMENT
 Lang.: eng. 1988. Series title: Desertification Control Bulletin. No.16:p.16-19
Descriptor: desertification
Geographical descriptor: Africa * Sahel
- 0969 *Dregne, H.E*
DESERTIFICATION
 Lang.: eng. Lubbock, TX: Texas Tech. University. 1987. Series title: Physical, Chemical and Earth Science Research Report. No.6:p.697-710. ISBN 0-471-91568-8. Note: (In) Resources and World Development by D.J. McLaren and B.J. Skinner (eds.)
Descriptor: desertification * reclamation * economic analysis

- 0970 *Dregne, H.E.*
DESERTIFICATION IN THE UNITED STATES
Lang.: eng. 1977. Series title: Nature and Resources.
Vol.13(2):p.10-13
Descriptor: desertification * drought * wind erosion * salinity *
overgrazing
Geographical descriptor: Western U.S. * Great Plains
- 0971 *Dregne, H.E.*
DESERTIFICATION OF ARID LANDS
Lang.: eng. 1977. Series title: Economic Geography.
Vol.53(4):p.322-331
Descriptor: desertification * arid land * maps * drought
- 0972 *Dregne, H.E.*
DESERTIFICATION OF ARID LANDS
Lang.: eng. New York: Harwood Academic Publishers. 1983.
Series title: Advances in Desert and Arid Land Technology,
Vol.3. 242p. ISBN 3-7186-0168-0
Descriptor: deserts * arid land * soil fertility * desertification
- 0973 *Dregne, H.E.*
DESERTIFICATION OF ARID LANDS
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff.
1986. p.4-34. ISBN 90-247-3292-1. Note: (In) Physics of
Desertification by F. El-Baz and M.H.A. Hassan (eds.), 473p
Descriptor: desertification * aridisols * arid land * climatic soil
types * natural disasters * site factors
- 0974 *Dregne, H.E.*
IMPACT OF LAND DEGRADATION ON FUTURE WORLD
FOOD PRODUCTION
Lang.: eng. Washington, D.C.: U.S. Dept. of Agriculture.
Economic Research Service. 1982. 33p., maps
Descriptor: food production * land degradation * desertification
* soil degradation * agricultural production * food supply
- 0975 *Dregne, H.E.*
INTERNATIONAL ARID LANDS CONFERENCE
Lang.: eng. 1969. Series title: Nature and Resources.
Vol.5(3):p.7-12
Descriptor: desertification * deserts * environmental degradation
* natural resources * land management * social aspects *
economic development * irrigation programs
- 0976 *Dregne, H.E.*
NORTH AMERICAN DESERTS
Lang.: eng. Lexington, MA: Iték Opt. Syst. 1984. 156p.
ISBN 90-247-2850-9. Note: (In) Deserts and Arid Lands, by F.
El Baz (ed.)
Descriptor: deserts * arid land
Geographical descriptor: North America
- 0977 *Dregne, H.E.*
SOIL EROSION: CAUSE AND EFFECT
Lang.: eng. 1987. Series title: Land Use Policy.
Vol.4(4):p.412-418. ISSN 0264-8377
Descriptor: land use * soil surveys * soil erosion
- 0978 *Dregne, H.E.*
THE SANDS OF WRATH: AMERICA'S DUST BOWL IN
RETROSPECT
Lang.: eng. 1977. Series title: UNESCO Courier. July
1977:p.14-17
Descriptor: desertification * salinity * soil erosion * dust storms
* overgrazing * range management * land use * saturated soils
Geographical descriptor: Great Plains
- 0979 *Dregne, H.E. (ed.)*
ARID LANDS IN TRANSITION
Lang.: eng. Washington, D.C.: American Association for the
Advancement of Science. 1970. 524p
Descriptor: hydrology * irrigation programs * natural resources
* social aspects * livestock * pastoralism * nomads * economic
development * desertification * mining * water management
- 0980 *Drejer, F.J.*
FROM NEGA' TO 'IZBA: CONTINUITY AND CHANGE
AMONG THE AWLAD'ALIOF EGYPT'S WESTERN DESERT
Lang.: eng. Northwestern University. 1985. 238p. Note: Ph.D.
Dissertation
Descriptor: pastoralism * deserts * tribes * Awlad 'Ali
Geographical descriptor: Egypt * Africa
- 0981 *Dresch, J.*
A PROPOS DU DESERT DE CHIHUAHUA (MEXIQUE)
Lang.: fr. 1970. Series title: Annales de Geographie.
Vol.79(431):p.51-57
Descriptor: deserts * topography
Geographical descriptor: Mexico * Chihuahuan Desert
- 0982 *Dresch, J.; et al*
ASPECTS DE LA GEOMORPHOLOGIE DU
MAROC Monographie Regionale 3
Meeting or Conf.: Congres Geologique International, 19E, Alger
Lang.: fr. 1952. 182p
Descriptor: geomorphology
Geographical descriptor: Morocco * Africa
- 0983 *Dresch, J.*
DESERTIFICATION AND THE THIRD WORLD:
PRESCRIPTION FOR CHANGE
Lang.: eng. 1984. Series title: Water Resources Journal.
Vol.142:p.33-35
Descriptor: developing countries * deserts * desertification
- 0984 *Dresch, J.*
DESERTIFICATION ET LE TIERS-MONDE (Desertification
and the Third World)
Lang.: fr. 1980. Series title: Pensee. (212):p.18-28
Descriptor: desertification * developing countries
- 0985 *Dresch, J.; Joly, F.; Raynal, R.*
EVOLUTION DES VERSANTS ET CREUSEMENT A LA
BORDURE NORD-OCCIDENTALE DU SAHARA
Lang.: fr. Association de Geographes Francais. 1951. Series
title: Association de Geographes Francais. Bulletin.
Vol.216-217:p.58-63
Descriptor: slopes * geomorphology
Geographical descriptor: Sahara * Africa
- 0986 *Dresch, J.*
LE 'DESERT' DE THAR
Lang.: fr. 1965. Series title: Association de Geographes
Francais. Bulletin. Vol.332-333:p.36-47
Descriptor: topography * climatic change * paleoclimatology
Geographical descriptor: India * Thar Desert * Pakistan
- 0987 *Dresch, J.*
OBSERVATION SUR LA REGION DE PALMYREEN SYRIE
Lang.: fr. 1963. Series title: Association de Geographes
Francais. Bulletin. Vol.318-319:p.2-18
Descriptor: geography * surveys * regional geography
Geographical descriptor: Syria * Syrian Desert * Middle East
- 0988 *Dresch, J.*
OBSERVATION SUR LE DESERT COTIER DU PEROU
Lang.: fr. 1961. Series title: Annales de Geographie.
Vol.70:p.179-184
Descriptor: environmental surveys * deserts * coastal areas
Geographical descriptor: Peru * South America
- 0989 *Dresch, J.*
PLAIDOYER POUR LA CHEVRE A Plea for the Goat
Lang.: fr. 1982. Series title: Production Pastorale et Societe.
No.10:p.81-83
Descriptor: goats * production factors * animal nutrition
Geographical descriptor: Mediterranean * Africa * Maghreb
- 0990 *Dresch, J.*
PLAINES SOUDANAISES
Lang.: fr. 1953. Series title: Revue de Geomorphologie
Dynamique. Vol.1:p.39-44
Descriptor: geomorphology * plains
Geographical descriptor: Sudan * Africa

- 0991 *Dresch, J*
QUELQUES OBSERVATIONS SUR LES FORMES DU TASSILI DES AJJER, ET DU TASSILI DU TAFASSASSET
 Lang.: fr. Paris: Societe de Geographie. 1973. p.119-124.
 Note: (In) Maghreb et Sahara, Etudes Geographiques Offertes, by J. Depois
Descriptor: geomorphology * topography * structural geology * sandstones * granite
Geographical descriptor: Algeria * Africa
- 0992 *Dresch, J*
QUESTIONS DE GEOMORPHOLOGIE EN ISRAEL
 Lang.: fr. 1967. Series title: Association de Geographes Francais. Bulletin. Vol.350-351:p.2-14
Descriptor: geomorphology * slopes * bank erosion * limestone * plateaus * climatic zones * graben geology
Geographical descriptor: Israel * Negev * Mediterranean Basin * Middle East
- 0993 *Dresch, J*
QUESTIONS DE GEOMORPHOLOGIE EN ISRAEL(Geomorphological Problems in Israel)
 Lang.: fr. 1968. Series title: Association de Geographes Francais. Bulletin. Vol.362-363:p.167-180
Descriptor: geomorphology
Geographical descriptor: Israel * Middle East
- 0994 *Dresch, J*
RECONNAISSANCE DANS LE LUT (IRAN)(Reconnaissance Studies in the Lut Area of Iran)
 Lang.: fr. 1968. Series title: Association de Geographes Francais. Bulletin. Vol.362-363:p.143-153
Descriptor: geomorphology * basins * salt deserts * climatic change * tectonics * topography
Geographical descriptor: Iran * Dasht-E-Lut * Middle East
- 0995 *Dresch, J*
SUR LES ETAGES CONTINENTAUX QUATERNAIRES DU MAROC
 Meeting or Conf.: Congres Inqua, 8E, Paris, 1969
 Lang.: fr. 1971. p.47-48. Note: (In) Etudes Sur le Quaternaire Dans Le Monde
Descriptor: Quaternary period * geochronology
Geographical descriptor: Morocco * Africa
- 0996 *Dresch, J*
THE EVALUATION AND EXPLOITATION OF THE WEST AFRICANSAHEL
 Lang.: eng. 1977. Series title: Royal Society of London. Philosophical Transactions. Series B. Vol.278:p.537-542
Descriptor: natural resources * cultivation * grazing * drought * economic impact * social aspects
Geographical descriptor: Sahel * West Africa * Africa
- 0997 *Drewes, W.U.; Drewes, A.T*
PLAN REGIONAL PARA EL DESARROLLO DEL SUR DEL PERU(Regional Development Plan for the Peruvian South)
 Lang.: spa. Lima: Imprenta Servicio Cooperativo Peruano Norteamericano de Educacion. 1959. 64p
Descriptor: natural resources * physical geography * drought * meteorological data * ecology * regional surveys * planning
Geographical descriptor: Peru * South America
- 0998 *Driessen, P.M*
SOIL SALINITY AND ALKALINITY IN THE GREAT KONYA BASIN, TURKEY
 Lang.: eng. Wageningen, The Netherlands. 1970. Series title: Agricultural Research Reports. 743
Descriptor: basins * topographic features * drainage * semiarid climate * winter precipitation * evaporation * precipitation deficit * water balance * saline soils * salinity * alkalinity * physico-chemical properties of soils * distribution * on site investigations * analytical methods * agriculture * land use * economic development
Geographical descriptor: Turkey * Great Konya Basin
- 0999 *Drosdoff, M*
SUELOS DEL SUR DEL PERU(Soils of Southern Peru)
 Lang.: spa. Lima: Imprenta Servicio Cooperativo Peruano Norteamericano de Educacion. 1959. 26p
Descriptor: soil types * physico-chemical properties of soils * soil maps * soil conservation * soil management * water utilization
Geographical descriptor: Peru * South America
- 1000 *Drozdo, A.V*
PRIRODNOYE RAYONIROVANIYE ARIDNYKH OBLASTEY ZEMNOGO SHARA DLYA IZUCHENIYA OPUSTYNIVANIYA(Natural Regionalization of Arid Areas of the Globe for Investigating Desertification)
 Lang.: rus. USSR: Izvestiya Akademii. 1984. Series title: Izvestiya Akademii Nauk SSSR. Seriya Geograficheskaya. 1984(3);p.29-38. ISSN 0373-2444
Descriptor: arid land * desertification * regional surveys
Geographical descriptor: USSR
- 1001 *Du Toit, P.F*
A PRELIMINARY REPORT ON THE EFFECT OF ACACIA KARROO COMPETITION ON THE COMPOSITION AND YIELD OF SWEET GRASSVELD
 Lang.: eng. 1968. Series title: Grassland Society of South Africa. Proceedings. Vol.3:p.147-149
Descriptor: Acacia * shrubs * brush control * thorn forest * grazing * veld * grasses
Geographical descriptor: South Africa * Karroo * Africa
- 1002 *Du Toit, P.F*
ACACIA KARROO INTRUSION: THE EFFECT OF BURNING AND SPARING
 Lang.: eng. 1972. Series title: Grassland Society of South Africa. Proceedings. Vol.7:p.23-27
Descriptor: Acacia * shrubs * brush control * thorn forest * drought * rainfall * fire effects * grazing * carrying capacity * plant invaders
Geographical descriptor: South Africa * Africa
- 1003 *Du Toit, P.F*
THE GOAT IN A BUSH-GRASS COMMUNITY
 Lang.: eng. 1972. Series title: Grassland Society of South Africa. Proceedings. Vol.7:p.44-50
Descriptor: goats * sheep * grazing * trees * grasses * grazing systems * bush control
Geographical descriptor: South Africa * Africa
- 1004 *Dubief, J*
CONTRIBUTION AU PROBLEME DES CHANGEMENTS DE CLIMAT SURVENUS AUX COURS DE LA PERIODE COUVERTE PAR LES OBSERVATIONS METEOROLOGIQUES FAITES DANS LE NORD DE L'AFRIQUE
 Lang.: fr. Paris: UNESCO. 1963. Series title: Arid Zone Research. Vol.20:p.75-79
Descriptor: rainfall * meteorological data * weather patterns * climatic change
Geographical descriptor: Algeria * Africa * North Africa
- 1005 *Dubief, J*
DIE SAHARA, EINE KLIMA-WUESTE
 Lang.: ger. Munich: Weltforum Verlag. 1971. vol.1,p.227-348.
 Note: (In) Die Sahara und ihre Randgebiete by H. Schiffers (ed.)
Descriptor: climate * Mediterranean climate * climatic zones * monsoons
Geographical descriptor: Sahara * Africa
- 1006 *Dubief, J*
ESSAI SUR L'HYDROLOGIE SUPERFICIELLE AU SAHARA
 Lang.: fr. Algiers, Algeria: Direction du Service de la Colonisation et de l'Hydraulique. Service des Etudes Scientifiques. 1953. 457p
Descriptor: monsoons * weather patterns * flow * surface water * wadi * hydrology * synoptic climatology * atmospheric precipitation * distribution patterns
Geographical descriptor: Sahara * Africa

- 1007 **Dubief, J**
EVAPORATION ET COEFFICIENTS CLIMATIQUES AU SAHARA
Lang.: fr. 1950. Series title: Institut de Recherches Sahariennes. Travaux. Vol.6:p.13-44
Descriptor: evaporation * climatology * climatic vegetal relationships
Geographical descriptor: Sahara * Africa
- 1008 **Dubief, J**
LE CLIMAT DU SAHARA
Lang.: fr. Institut de Recherches Sahariennes. Memoire (Hors Serie). 1959-1963. 2 Vols
Descriptor: climate * climatology * climatic data * solar radiation * temperature * wet seasons * dry season
Geographical descriptor: Sahara * Africa
- 1009 **Dubief, J**
LE VENT ET LE DEPLACEMENT DU SABLE AU SAHARA(The Wind and the Transport of Sand in the Sahara)
Lang.: fr. 1952. Series title: Institut de Recherches Sahariennes. Travaux. Vol.8:p.123-164
Descriptor: wind action * sand * eolian soils * meteorology * wind velocity * dust storms
Geographical descriptor: Sahara * Africa
- 1010 **Dubief, J**
LES PLUIES AU SAHARACENTRAL
Lang.: fr. 1947. Series title: Institut de Recherches Sahariennes. Travaux. Vol.4:p.7-23
Descriptor: rainfall * nomads * weather patterns * environmental variability * history
Geographical descriptor: Algeria * Africa * Sahara
- 1011 **Dubief, J**
LES PLUIES, LES CRUES ET LEURS EFFETS AU SAHARA
Lang.: fr. Paris: Societe de Geographie. 1973. p.125-135.
Note: (In) Maghreb et Sahara, Etudes Geographiques Offertes by J. Despois
Descriptor: rainfall * floods * runoff * terrain analysis
Geographical descriptor: Sahara * Africa
- 1012 **Dubief, J.; Lauriol, J**
MOYENNES CLIMATOLOGIQUES DU SAHARA ALGERIEN POUR LA PERIODE 1925-39 (Mean Climatology of the Algerian Sahara for the 1925-39 Period)
Lang.: fr. Institut de Meteorologie et de Physique du Globe de l'Algerie. 1943. Series title: Institut de Meteorologie et de Physique du Globe de l'Algerie, Travaux, Fascicule. Vol.4. 69p
Descriptor: climate * climatology * climatic data
Geographical descriptor: Algeria * Africa
- 1013 **Dubief, J**
NOTE SUR L'EVOLUTION DU CLIMAT SAHARIEN AU COURS DES DERNIERS MILLENAIRES
Meeting or Conf.: Congres Inqua, 4E, Rome-Pisa, 1953, b Actes
Lang.: fr. 1956. Vol.2:p.848-851
Descriptor: climatic change * evolution
Geographical descriptor: Sahara * Africa
- 1014 **Dubief, J**
REVIEW OF THE NORTH AFRICAN CLIMATE WITH PARTICULAR EMPHASIS ON THE PRODUCTION OF EOLIANDUST IN THE SAHEL ZONE AND IN THE SAHARA
Lang.: eng. 1979. No.14.:p.27-48. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy
Geographical descriptor: Sahel * Africa
- 1015 **Ducaillon, C.; Gely, A**
APPROCHE BOTANIQUE DE L'AGROFORESTERIE TROPICALE: METHODES ET TECHNIQUES (Botanical Approach to Tropical Agroforestry: Methods and Techniques)
Lang.: fr. 1985. Series title: Cahiers de la Recherche-Developpement. No.6:p.68-74
Descriptor: agroforestry * tropics * methodology * deforestation
- 1016 **Duclos, P**
L'ORIGINE DES ANIMAUX DOMESTIQUES EN PALESTINE (The Origin of Domestic Animals in Palestine)
Lang.: fr. 1968. Series title: Universite de Bordeaux. Institut de Prehistoire. Memoire. No.6. 192p
Descriptor: domestic animals * history * archaeology * analytical methods * cattle * human activity * settlements
Geographical descriptor: Palestine * Middle East
- 1017 **Dugdale, G**
REMOTE SENSING FOR NATURAL RESOURCES DEVELOPMENT IN TROPICAL AFRICA 2. APPLICATIONS TO AGRO-METEOROLOGY
Meeting or Conf.: Proceedings of CAB's (Commonwealth Agricultural Bureaux) 1st Scientific Conference, Arusha, Tanzania, Feb. 12-18, 1984
Lang.: eng. Farnham House, U.K.: Commonwealth Agricultural Bureaux. 1985. p.334-337. ISBN 0-85198-537-8.
Note: (In) Advancing Agricultural Production in Africa by D.L. Hawksworth, (ed.), 454p
Descriptor: remote sensing * natural resources * development * agrometeorology
Geographical descriptor: Africa
- 1018 **Duignan, P**
GUIDE TO RESEARCH AND REFERENCE WORKS ON SUB-SAHARAN AFRICA
Lang.: eng. Stanford: Hoover Institute Press. 1971. 1102p
Descriptor: research * deserts * bibliographies
Geographical descriptor: Sahel * Africa * Sub-Saharan Africa
- 1019 **Dukhovny, V.A**
THE GOLO'DNAYA STEPPE AS AN EXAMPLE OF COMPLEX DEVELOPMENT OF DESERTS IN THE USSR
Lang.: rus. 1980. Series title: Problemy Osvoeniya Pustyn. No.6:p.3-10. Note: Summary in English
Descriptor: agricultural development * deserts * irrigation
Geographical descriptor: USSR * Golodnaya Steppe
- 1020 **Dukhovnyi, V.A**
DESERTIFICATION IN ASIAN AND PACIFIC OCEAN COUNTRIES AND ITS CONTROL
Lang.: rus. 1978. Series title: Gidrotekh. Mellor. Moskva, "Kolos". No.11:p.92-96. ISSN 0018-9722
Descriptor: desertification control
Geographical descriptor: Asia * Pacific Ocean * Oceania
- 1021 **Duncan, R.C**
TECHNOLOGICAL CHANGE IN THE ARID ZONE OF NEW SOUTH WALES
Lang.: eng. 1972. Series title: Australian Journal of Agricultural Economics. Vol.16(1):p.22-32
Descriptor: technological change * social aspects * arid land
Geographical descriptor: New South Wales * Australia
- 1022 **Durin Barkovskiy, L.V**
THE WATER PROBLEM IN THE DESERTS OF THE USSR
Lang.: eng. 1968. Series title: Soviet Geography: Review and Translation. Vol.9(6):p.458-468
Descriptor: water resources * water shortage * deserts
Geographical descriptor: USSR
- 1023 **Durand, J.H**
LES SOLS D'ALGERIE
Lang.: fr. 1954. Series title: Direction du Service de la Colonisation et de l'Hydraulique. Service des Etudes Scientifiques. Pedologie. No.2. 244p
Descriptor: soil structure * crusts * aridisols * soil types
Geographical descriptor: Algeria * Africa
- 1024 **Durdyyev, K**
WIND EROSION OF SOIL IN THE LOWER REACHES OF ARTEK RIVER (SOUTHWESTERN TURKMENISTAN)
Lang.: eng. 1968. Series title: Problems of Desert Development. Vol.5:p.47-53. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: wind erosion * soil erosion
Geographical descriptor: Turkmen SSR * USSR

- 1025 *Dwyer, D.D.; Aguirre, E.V*
PLANTS EMERGING FROM SOIL UNDER THREE RANGE
CONDITION CLASSES OF DESERT GRASSLAND
Lang.: eng. 1978. Series title: *Journal of Range Management*.
Vol.31(3):p.209-212
Descriptor: seedlings * plant growth * germination * *Sporobolus flexuosus* * grasses * rangelands * grasslands * grasslands biome * deserts
Geographical descriptor: New Mexico
- 1026 *Dyer, T.G.J.; Curtis, B.A*
ANALYSIS OF TREE RINGS AND CLIMATIC CHANGE
Lang.: eng. 1978. Series title: *South African Journal of Science*.
Vol.74:p.176-178
Descriptor: rainfall * temperature * tree rings * climatic change * climatic data * measurement * limiting factors
Geographical descriptor: South Africa * Africa
- 1027 *Dyer, T.G.J.; Tyson, P.D*
ESTIMATING ABOVE AND BELOW NORMAL RAINFALL
PERIODS OVER SOUTH AFRICA, 1972-2000
Lang.: eng. 1977. Series title: *Journal of Applied Meteorology*.
Vol.16(2):p.145-147
Descriptor: forecasting * weather forecasting * climate models * climatic data * rainfall reliability * summer precipitation
Geographical descriptor: Africa * South Africa
- 1028 *Dyer, T.G.J*
EXPECTED FUTURE RAINFALL OVER SELECTED PARTS
OF SOUTH AFRICA
Lang.: eng. 1976. Series title: *South African Journal of Science*.
Vol.72:p.237-239
Descriptor: rainfall * solar radiation * forecasting * drought * weather data
Geographical descriptor: Africa * South Africa * Karoo
- 1029 *Dyer, T.G.J.; Tyson, P.D*
INTER-HEMISPHERIC ASSOCIATIONS IN THE
YEAR-TO-YEAR VARIATIONS OF MAJOR COMPONENTS
OF THE GENERAL CIRCULATION
Lang.: eng. 1978. Series title: *South African Journal of Science*.
Vol.74:p.325-328
Descriptor: rainfall * climatic fluctuations * synoptic climatology * anticyclones * atmospheric circulation
Geographical descriptor: Africa * South Africa
- 1030 *Dyer, T.G.J*
MERIDIONAL INTERACTIONS BETWEEN RAINFALL AND
SURFACE PRESSURE
Lang.: eng. 1976. Series title: *Nature*. Vol.264:p.48-49
Descriptor: rainfall * forecasting
Geographical descriptor: South Africa * Africa
- 1031 *Dyer, T.G.J*
ON THE COMPONENTS OF TIME SERIES: THE REMOVAL
OF SPACIAL DEPENDANCE
Lang.: eng. 1976. Series title: *Royal Meteorological Society Quarterly Journal*. Vol.102(431):p.157-165
Descriptor: time series * rainfall
Geographical descriptor: South Africa * Africa
- 1032 *Dyer, T.G.J.; Marker, M.E*
ON THE VARIATION OF RAINFALL OVER SOUTH WEST
AFRICA
Lang.: eng. 1978. Series title: *South African Geographical Journal*. Vol.60:p.144-149
Descriptor: climatic fluctuations * weather patterns * weather data * rainfall * environmental variability
Geographical descriptor: Africa * South Africa * Namibia
- 1033 *Dyer, T.G.J*
THE ASSIGNMENT OF RAINFALL STATIONS INTO
HOMOGENEOUS GROUPS: AN APPLICATION OF
PRINCIPAL COMPONENT ANALYSIS
Lang.: eng. 1975. Series title: *Royal Meteorological Society Quarterly Journal*. Vol.101(430):p.1005-1013
Descriptor: rainfall * weather stations * weather data
Geographical descriptor: South Africa * Africa
- 1034 *Dyson-Hudson, N*
HUMAN FACTOR
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. Series title: *ILCA Bulletin*. No.9:p.10-12. Note: (In) Pastoral Development Projects
Descriptor: human activity * socioeconomic impacts * pastoralism * nomads * transhumance
Geographical descriptor: Africa
- 1035 *Dzhamalbekov, Y.; et al*
WAYS TO IMPROVE SOIL CONDITIONS IN LANDSCAPED
PARTS OF SHEVCHENKO CITY
Lang.: eng. 1975. Series title: *Problems of Desert Development*. Vol.5:p.81-83. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: soil improvement * landscaping
Geographical descriptor: Shevchenko City * Kazakh SSR * USSR
- 1036 *Ebert, C.H.V*
WATER RESOURCES AND LAND USE IN THE QATIF OASIS
OF SAUDI ARABIA
Lang.: eng. 1965. Series title: *Geographical Review*. Vol.55(4):p.496-509
Descriptor: water resources * land use * wells * salinity * irrigation * evaporation * water conservation * seepage * drainage
Geographical descriptor: Saudi Arabia * Qatif Oasis * Middle East
- 1037 *Eckert, R.E.Jr.; et al*
IMPACTS OF OFF-ROAD VEHICLES ON INFILTRATION
AND SEDIMENT PRODUCTION OF TWO DESERT SOILS
Lang.: eng. 1979. Series title: *Journal of Range Management*. Vol.32(5):p.394-397
Descriptor: off road vehicles * aridisols * infiltration * sediments * recreation * environmental impact * simulated rainfall
Geographical descriptor: Nevada
- 1038 *Eckholm, E*
HUMAN WANTS AND MISUSED LANDS
Lang.: eng. 1982. Series title: *Natural History*. Vol.91(6):p.33
Descriptor: land degradation * arid land * desertification
- 1039 *Eckholm, E*
LOSING GROUND
Lang.: eng. New York: W.W. Norton and Co. 1976. 223p
Descriptor: desertification * soil erosion * silts * irrigation practices * social aspects * political aspects * deforestation
Geographical descriptor: China
- 1040 *Eckholm, E*
POVERTY, POPULATION GROWTH AND
DESERTIFICATION
Lang.: eng. 1984. Series title: *Desertification Control Bulletin*. No.10:p.37-41
Descriptor: desertification * poverty * population growth
Geographical descriptor: Africa * South Asia
- 1041 *Eckholm, E*
SALTING THE EARTH, A 6000-YEAR-OLD PROBLEM
Lang.: eng. 1975. Series title: *Environment*. Vol.17(7):p.9-15
Descriptor: irrigation effects * saline soils * salinity * silts * drainage * seepage * leaching
- 1042 *Eckholm, E.; Brown, L.R*
SPREADING DESERTS--THE HAND OF MAN
Lang.: eng. 1978. Series title: *Bulletin of the Atomic Scientists*. Vol.34(1):p.10-16,44-51
Descriptor: desertification * drought * political aspects * social aspects * grazing * land use * planning * deserts
Geographical descriptor: Sahara * Africa

- 1043 *Eckholm, E*
THE OTHER ENERGY CRISIS
Lang.: eng. Boulder, CO: Westview Press. 1977. p.39-56.
Note: (In) Desertification: Environmental Degradation in and around arid lands by M.H. Glantz (ed.), 346p
Descriptor: desertification * wood * alternative fuels * productivity * soil erosion * floods * fire effects * ground cover * energy crisis
- 1044 *Eckholm, E.P*
DESERTIFICATION: A WORLD PROBLEM
Lang.: eng. 1975. Series title: *Ambio*. Vol.4(4):p.137-145
Descriptor: deserts * desertification * desiccation * grazing * climatic change * ecology * environmental impact * arid land * semiarid climate * crop production * animal damage * overgrazing * drought
- 1045 *Economic Commission for Western Asia; Food and Agriculture Organization. Agriculture Division (Baghdad, Iraq)*
COMBAT OF DESERTIFICATION IN THE ECWA (ECONOMIC COMMISSION FOR WESTERNASIA) REGION
Lang.: eng. Nov 1983. Series title: *Agriculture and Development*. No.6:p.80-87
Descriptor: desertification * natural disasters * soil erosion * soil conservation * soil reclamation
Geographical descriptor: Asia * West Asia * ECWA Region
- 1046 *Economic Commission for Africa (Addis Ababa). Inter-Divisional Worker Group on Droughts*
E.C.A.ON-GOING ACTIVITIES AND PROPOSED ROLE IN THE DROUGHT-AFFECTED COUNTRIES OF THE SUDAN-SAHEL
Lang.: eng. Addis Ababa, Ethiopia: Economic Commission for Africa. Inter-Divisional Working Group on Droughts. 1973
Descriptor: international cooperation * economic development * aid * drought
Geographical descriptor: Sudan * Sahel * Africa
- 1047 *Economist (UK)*
MAKING SENSE OF BRUNDTLAND
Lang.: eng. 1987. Series title: *Economist (UK)*. Vol.303(7496):p.15-16
Descriptor: agricultural development * environmental protection * developing countries
- 1048 *Edmunds, S.W*
DESERT LAND USE PLANNING BASED UPON FIELD SAMPLING AND REMOTE MEASURES
Lang.: eng. Washington D.C.: U.S. Department of Agriculture. Forest Service. 1980. Series title: *General Technical Report*. No.WO-28:p.317-322. Note: (In) *Arid Land Resource Inventories: Developing Cost-Efficient Methods*
Descriptor: remote sensing * land surveys * economic development * land management * deserts
Geographical descriptor: USA
- 1049 *Edward, J.A*
IRRIGATED FORESTS IN WEST PAKISTAN
Lang.: eng. 1965. Series title: *Geography*. Vol.50(4):p.378-380
Descriptor: forests * irrigation * shelterbelts * environmental impact * evaporation control * timber * fuels
Geographical descriptor: Pakistan * Western Pakistan
- 1050 *Edwards, P.J.; Booysen, P. de V*
THE FUTURE FOR RADICAL VELD IMPROVEMENT IN SOUTH AFRICA
Lang.: eng. 1972. Series title: *Grassland Society of South Africa. Proceedings*. Vol.7:p.61-66
Descriptor: veld * reclamation * maps * grasses
Geographical descriptor: South Africa * Africa
- 1051 *Egamberdiyev, R*
BIOLOGICHESKIYE OSNOVY VVEDENIYA V KUL'TURU KHVOYNIKA SHISHKONOSNOGO V USLOVIYAKH PUSTYNNYKH PASTBISHCH UZBEKISTANA (Biological Foundations for the Cultivation of Coniferous Ephedra Under the Conditions of Uzbek Desert Pastures)
Lang.: rus. Samarkand, Uzbek SSR: Samarkand University. 1965. 20p. Note: (Candidate dissertation summary)
Descriptor: afforestation * Ephedra * coniferae * deserts * pastures
Geographical descriptor: Uzbek SSR * USSR
- 1052 *Egamberdiyev, R*
EFFEKTIVNYE PUTI OSVOYENIYA PUSTYNNYKH TERRITORIY (NA PRIMERE SOVKHOZA BAKHARDEN) (Effective Means for Development of Desert Territories Based on the Example of Bakharden Sovkhoz)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1972. 74p
Descriptor: desert development * deserts * soil development
Geographical descriptor: Bakharden Sovkhoz * USSR * Turkmen SSR
- 1053 *Egamberdiyev, R*
EROZIYA POCHVYI BOR'BA S NEY (Soil Erosion and the Struggle Against It)
Lang.: rus. Moscow: All-Union Agricultural Academy Imeni Lenin. Central Agricultural Library. 1972. 196p
Descriptor: erosion * soil degradation * erosion control
- 1054 *Eggeling, M*
THE ECOLOGY OF THE SAVANNA BELT OF THE SUDAN
Lang.: eng. Rome: Food and Agriculture Organization. 1973. 26p. Note: (mimeo)
Descriptor: ecology * savannas * vegetation maps
Geographical descriptor: Sudan * Africa
- 1055 *Egner, E.B*
DISTRICT DEVELOPMENT IN BOTSWANA: REPORT TO SIDA
Lang.: eng. Gaborone, Botswana: Swedish International Development Agency. 1978? xi, 75p
Descriptor: land management * economic development * rural development * land evaluation
Geographical descriptor: Botswana
- 1056 *Egunjobi, J.K.; Novikoff, G.; Sangweni, S.S*
REPORT AND RECOMMENDATIONS: JOINT UNEP/UNESCO/ECA MISSION TO THE KALAHARI REGION, BOTSWANA, LESOTHO, MOZAMBIQUE, TANZANIA, AND ZIMBABWE, JUNE 9-JULY 3, 1982
Lang.: eng. Addis Ababa, Ethiopia: Economic Commission for Africa. Sept. 1982. 2p
Descriptor: land use * planning * desertification control * drought * deserts
Geographical descriptor: Botswana * Lesotho * Mozambique * Tanzania * Zimbabwe * Africa * Kalahari
- 1057 *Egypt. Ministry of Agriculture*
A NOTE ON THE STABILIZATION OF THE SAND DUNES OF EGYPT
Lang.: eng. Cairo, Egypt: Government Press. 1948. 6p
Descriptor: sand * dunes * dune stabilization
Geographical descriptor: Egypt * Africa
- 1058 *Egyptian Desert Institute; UNESCO*
SYMPOSIUM ON SCIENTIFIC PROBLEMS OF LAND USE IN ARID REGIONS
Meeting or Conf.: Symposium on Scientific Problems of Land Use in Arid Regions, Proceedings, Cairo, Egypt, 1953
Lang.: eng. Cairo, Egypt: Egyptian Desert Institute. 1954. 223p
Descriptor: land use * arid land

- 1059 *Egyptian Desert Research Institute*
INTEGRATED PHYSICAL, SOCIO-ECONOMIC AND ENVIRONMENTAL DEVELOPMENT OF EL QASR AREA IN EGYPT
Lang.: eng. Cairo, Egypt: Desert Research Institute. 1983. iv, 81p
Descriptor: watersheds * water management * geology * climate * soil surveys * soil classification * physico-chemical properties of soils * cartography * soil maps * water resources * groundwater * land management * agricultural production * demography * economic development * industrial development * livestock
Geographical descriptor: Egypt * Africa
- 1060 *Ehlen, J*
INFLUENCE OF CHEMICAL WEATHERING
Lang.: eng. U.S. Geological Survey. 1987. Series title: U.S. Geological Survey Circular. No.989:p.14-15. ISSN 0346-6017. Note: (In) A Workshop on Desert Processes by J.F McCauly and J.N. Rinker (eds.)
Descriptor: chemical weathering * deserts
- 1061 *Ehlers, E*
AEGYPTEN: BEVOELKERUNGSWACHSTUM U. NAHRUNGSSPIELRAUM
Lang.: ger. 1977. Series title: Geographische Rundschau. Vol.29(4):p.98-107
Descriptor: irrigation practices * drainage * food supply
Geographical descriptor: Egypt * Africa
- 1062 *Ehlers, E*
SUEDKASPISCHES TIEFLAND (NORDIRAN) UND KASPISCHES MEER: BEITRAEGE ZU IHRER ENTWICKLUNGSGESCHICHTE IM JUNG- UND POSTPLEISTOZAEN (The Lowland South of the Caspian Sea in North Iran and the Caspian Sea: Studies in Their Development History During the Late and Post Pleistocene)
Lang.: ger. 1971. Series title: Tuebinger Geographische Studien. 44. 184p
Descriptor: fluvial process * settlements * glaciers * paleoclimatology * Pleistocene epoch * geomorphology * terraces * archaeology * water level * soil tests
Geographical descriptor: Iran * Caspian Sea * Middle East * USSR
- 1063 *Ehlers, E*
THE DYING OASES OF CENTRAL IRAN--AFEW REMARKS ON CAUSES AND CONSEQUENCES
Lang.: eng. 1980. Series title: Stuttgarter Geographische Studien. Vol.95. p.65-72. ISBN 3-88028-095-9. Note: (In) Desertification in Extremely Arid Environments by W. Meckelein (ed.) Summary languages: French, German
Descriptor: oases * rural development * tenure systems * groundwater * depletion * land ownership * water resources * wells
Geographical descriptor: Iran * Middle East
- 1064 *El Arifi, S.A*
LOCAL GOVERNMENT AND NATURAL RESOURCES IN THE SUDAN: THE CASE OF THE LAGAWA RURAL COUNCIL
Lang.: eng. Dordrecht, The Netherlands: D. Reidel Pub. Co. 1985. Series title: GeoJournal. Vol.11(4):p.349-359. ISSN 0343-2521
Descriptor: Lagawa Rural Council * natural resources * resource management * local government * environmental degradation * overgrazing * desertification * law * arid land * pastures
Geographical descriptor: Sudan * Africa
- 1065 *El Ashry, M.T.; Gibbons, D.C*
TROUBLED WATERS: NEW POLICIES FOR MANAGING WATER IN THE AMERICAN WEST
Lang.: eng. Washington, D.C.: World Resources Institute. 1986. Series title: WRI Study. No.6. ix, 89p
Descriptor: water management * water law * irrigation * agricultural production * case studies
Geographical descriptor: USA
- 1066 *El Ashry, M.T.; Gibbons, D.C*
WATER AND ARID LANDS OF THE WESTERN UNITED STATES
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1988. xii, 415p. Note: "A World Resources Institute Book"
Descriptor: water resources * water law * water supply * irrigation * water management * deserts * land management
Geographical descriptor: USA
- 1067 *El Baz, F*
A GEOLOGICAL PERSPECTIVE OF THE DESERT
Meeting or Conf.: Symposium; Origin and Evolution of Deserts, Las Vegas, NV, Apr. 9-12, 1980
Lang.: eng. Albuquerque, NM: University of New Mexico. 1983. Series title: (In) Origin and Evolution of Deserts. p.163-183. ISBN 0-8263-0605-5
Descriptor: deserts * evolution * geology * research
- 1068 *El Baz, F.; Prestel, D*
COATINGS AND SAND GRAINS FROM SOUTHWESTERN EGYPT
Lang.: eng. 1981. Series title: Annual Geological Survey of Egypt. Vol.11:p.175-188
Descriptor: sand control * sand * erosion control * coatings
Geographical descriptor: Africa * Egypt
- 1069 *El Baz, F*
DESERTS AND ARID LANDS
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1984. 222p
Descriptor: deserts * arid land
- 1070 *El Baz, F*
MONITORING THE SAND-MOVING DESERT WINDS
Lang.: eng. Dordrecht, Netherlands: Martinus Nijhoff Pub. Co. 1986. p.141-158. Note: (In) Physics of Desertification by F. E. Baz and M.H.A. Hassan (eds.), 473p
Descriptor: sand movement * sand * winds * deserts * dunes
- 1071 *El Baz, F*
ON THE REDDENING OF QUARTZ GRAINS IN DUNE SAND
Lang.: eng. Dordrecht, Netherlands: Kluwer. 1986. p.191-209. Note: (In) Physics of Desertification, by F. El Baz and M.H.A. Hassan (eds.), 473p
Descriptor: erosion control * soil characteristics * dunes * grain coatings * physico-chemical properties of soils
- 1072 *El Baz, F*
THE FORMATION AND MOTION OF DUNES AND SAND SEAS
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.70-93. Note: (In) Physics of Desertification by F. El Baz and M.H.A. Hassan (eds.), 473p
Descriptor: dunes * sand areas * deserts
- 1073 *El Baz, F*
THE ORIGINS OF THE DESERT
Meeting or Conf.: Trans American Geophysics Union, Washington, D.C., May 27-28, 1981
Lang.: eng. 1981. Series title: EOS. Transactions of the American Geophysical Union. Vol.62(17):p.279
Descriptor: deserts * geomorphology * desert formation
- 1074 *El Baz, F. (ed.); Hassan, M.H.A. (ed.)*
PHYSICS OF DESERTIFICATION
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. 473p. ISBN 9024732921. Note: Papers presented at a workshop held in Trieste, Italy, Nov. 10-28, 1980, under the auspices of the International Center for Theoretical Physics
Descriptor: desertification * geomorphology * arid land * agriculture
- 1075 *El Feel, M.R*
FOOD SECURITY IN KUWAIT
Lang.: ara. 1986. Series title: Journal of the Social Sciences, Kuwait. Vol.14(1):p.235-254. Note: Summary language: English
Descriptor: food supply * forecasts
Geographical descriptor: Kuwait * Middle East * Persian Gulf

- 1076 *El Filali, M*
THE ECONOMIC AND SOCIAL DEVELOPMENT OF NOMADIC POPULATIONS BEFORE AND AFTER THEY HAVE BECOME SETTLED
Lang.: eng. Rome: Food and Agriculture Organization. 1967. p.38-52. Note: (In) Land Policy in the Near East by M.R. El-Ghonenm (ed.)
Descriptor: pastoralism * nomads * land resources * settlements * human activity * political aspects * social aspects * economic development
Geographical descriptor: Middle East
- 1077 *El Gabaly, M.M*
WATER IN ARID AGRICULTURE: SALINITY AND WATERLOGGING IN THE NEAR EAST REGION
Lang.: eng. 1977. Series title: *Ambio*. Vol.6(1):p.36-39
Descriptor: waterlogging * saline soils * irrigated soils * irrigation effects * irrigation water * seepage * food supply * developing countries * reclamation * soil conservation * soil management * surface groundwater relationships * water management
Geographical descriptor: Middle East
- 1078 *El Hadji, S*
TREES, FOOD PRODUCTION AND THE STRUGGLE AGAINST DESERTIFICATION
Lang.: eng. 1985. Series title: *Unasylva*. Vol.37(4), No.150 p.19-26. Note: Also in Spanish, French
Descriptor: desertification * nature conservation * woodlands * forest resources * food production * living resources * natural disasters
- 1079 *El Hamrouni, A*
RAPPORT AU GOUVERNEMENT DE LA REPUBLIQUE DE DJIBOUTI SUR LE DEVELOPPEMENT FORESTIER ET LA LUTTE CONTRE LA DESERTIFICATION (Report to the Government of Djibouti on Forestry Development and Control of Desertification)
Lang.: fre. Rome: Food and Agriculture Organization. 1984. FAO-FO--TCP/DJI/4401. 35p
Descriptor: afforestation * forestry development * desertification
Geographical descriptor: Djibouti * Africa
- 1080 *El Hassanin, A.S*
DESERT SOIL AS A NATURAL RESOURCE IN EGYPT: SOIL PHYSICAL CHARACTERISTICS OF SOME DESERT AREAS
Lang.: eng. Cairo, Egypt: Desert Institute. 1986. Series title: *Desert Institute Bulletin*. Vol.36(2):p.351-368
Descriptor: soil surveys * soil characteristics * natural resources * physico-chemical properties of soils
Geographical descriptor: Egypt * Africa
- 1081 *El Hassanin, A.S*
WATER CONSERVATION THROUGH SELECTING AN APPROPRIATE IRRIGATION METHOD IN RELATION TO SOIL-CROP MANAGEMENT IN SOME DESERT AREAS IN EGYPT
Lang.: eng. 1986. Series title: *Desert Institute Bulletin*. Vol.36(2):p.381-395
Descriptor: agriculture * water conservation * irrigation methods * soil management * crops * deserts
Geographical descriptor: Egypt * Africa
- 1082 *El Hinnawi, E.E.; Kabesh, M.L.; Zahran, I*
MINERALOGY AND CHEMISTRY OF NUBIAN SANDSTONES FROM THE CENTRAL EASTERN DESERT OF EGYPT
Lang.: eng. Stuttgart: N. Jahrbuch F. Mineralogie, Abhandlungen. 1973. No.118:p.211-234
Descriptor: mineral resources * geochemistry * soil degradation
Geographical descriptor: Egypt
- 1083 *El Karouri, M.O.H*
THE IMPACT OF DESERTIFICATION ON LAND PRODUCTIVITY IN SUDAN
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.52-58. ISBN 90-247-3292-1. Note: (In) *Physics of Desertification* by F. El-Baz and M.H.A. Hassan (eds.), 473p
Descriptor: desertification * land productivity * natural disasters
Geographical descriptor: Sudan * Anglophone Africa * East Africa * Africa
- 1084 *El Kassas, M*
ARE DESERTS MAN-MADE?
Lang.: eng. Series title: *UNESCO Courier*. July 1977. p.4-6
Descriptor: desertification * runoff * environmental variability * seasonality * productivity * natural resources * land use * political aspects * social aspects * climate * carrying capacity * rainfall
- 1085 *El Kassas, M*
KEEPING THE DESERT AT BAY
Lang.: eng. 1981. Series title: *EPA Journal*. Vol.7(2): p.2-5
Descriptor: deserts * desertification control
- 1086 *El Mahgary, Y*
ENVIRONMENT PROTECTION IN THE PRODUCTION AND USE OF ENERGY
Meeting or Conf.: United Nations Economic Commission for Africa's Regional Workshop on Energy Planning, Dec.3-7, 1984, Addis Ababa.
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1984? 1 Vol
Descriptor: energy * fossil fuels * renewable resources * nuclear energy
- 1087 *El Mangouri, H.A*
UMM KADDADA DISTRICT (NORTHERN DARFUR PROVINCE): FINAL REPORT
Lang.: eng. 115p., ill. Note: (In) *Environmental Training & Management in Africa (ETMA)*, Environmental Management in the Sudan by J. Al-Khartum and M. Al-Dirasat Al-Biiyah (eds.)
Descriptor: environmental monitoring * desertification * environmental management
Geographical descriptor: Darfur Province * Africa * Sudan * Umm Kaddada Region
- 1088 *El Moghraby, A.I.; Ali, O.M.M.; El Seed, M.T*
DESERTIFICATION IN WESTERN SUDAN AND STRATEGIES FOR REHABILITATION
Lang.: eng. 1987. Series title: *Environmental Conservation*. Vol.14(3):p.227-231
Descriptor: environmental protection * desertification * reclamation
Geographical descriptor: Sudan * Africa
- 1089 *El Mouta, M.E.A.A*
ON THE PROBLEM OF RESOURCE MANAGEMENT IN THE SUDAN
Lang.: eng. Khartoum, Sudan: University of Khartoum. Institute of Environmental Studies. 1985. Series title: *Environmental Monograph Series*. No.4. 131p
Descriptor: natural resources * environmental policy * resource management
Geographical descriptor: Sudan * Africa
- 1090 *El Moursi, A.W.A*
EMASARPHASE II: VOLUME VII. NEAR EAST GRASSLAND EDUCATION AND TRAINING
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1978. 55p
Descriptor: grasslands * rangelands * plant ecology * pastoralism * nomads * land management * extension
Geographical descriptor: Iraq * Kuwait * Somalia * Sudan * Syria * Yemen * Yemen * Middle East * Africa

- 1091 *El Ramly, I.M*
FIRST DRAFT OF THE DIAGNOSTIC STUDY ON THE PRESENT STATE OF THE ECOLOGY AND THE ENVIRONMENTAL MANAGEMENT OF THE COMMON ZAMBEZI RIVER SYSTEM
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme, Environment Management Service. 1985. 108p
Descriptor: rivers * water resources * rainfall * drainage * groundwater * plant ecology * animal ecology * economic development * demography * agricultural production * natural resources * industrial development * mineral resources * nature protection * wood products * water use * livestock * deforestation * environmental law * soil degradation
Geographical descriptor: Zambia * Angola * Botswana * Malawi * Mozambique * Namibia * Tanzania * Zimbabwe * Africa
- 1092 *El Sherbini, A.A*
MARKETING MODERNIZATION AND ECOLOGICAL DISEQUILIBRIA
Lang.: eng. 1981. Series title: Mazingira. Vol.5(4):p.66-75
Descriptor: marketing * ecological balance * environmental policy * developing countries
- 1093 *Elbasha, D.; Pruschansky, D*
MONTHLY RAINFALL ISOMERS IN ISRAEL, 1931-1960
Lang.: eng. 1966. Series title: Israel Journal of Earth-Sciences. Vol.15(1):p.1-7
Descriptor: rainfall * wet seasons * weather stations * weather patterns * maps * weather data * coastal areas * mountains
Geographical descriptor: Israel * Middle East
- 1094 *Elhag, M.M*
STUDY OF DESERTIFICATION BASED UPON LANDSAT IMAGERY (NORTH KORDOFAN-SUDAN) (Een Studie van de Desertificatie Gebaseerd op Landsat Beelden - Noord Kordofan-Soedan)
Lang.: eng. Belgium: Rijksuniversiteit Gent. Faculteit van de Wetenschappen. 1984. 194p. Note: Thesis
Descriptor: climate * overcultivation * overgrazing * deforestation * forest fires * demography * soil classification * land management * shifting cultivation * remote sensing * cartography * wind erosion * water erosion * saline soils * Landsat
Geographical descriptor: North Kordofan * Sudan
- 1095 *Elias-Cesnik, A*
JOJOBA: GUIDE TO THE LITERATURE
Lang.: eng. Tucson, AZ: University of Arizona. College of Agriculture. Office of Arid Lands Studies. 1982. xi, 221p
Descriptor: desert plants * economic plants * economic development * industrial development * seeds * shrubs * publications * *Simmondsia chinensis*
Geographical descriptor: USA * Mexico
- 1096 *Elkins, N.Z*
POTENTIAL MEDIATION BY DESERT SUBTERRANEAN TERMITES IN INFILTRATION, RUNOFF, EROSIONAL SOIL LOSS ON A DESERT WATERSHED
Lang.: eng. Las Cruces, NM: New Mexico State University. 1983. 154p
Descriptor: deserts * mediation * Isoptera * infiltration * runoff * erosion * soil loss * watersheds
- 1097 *Elston, J.; Dennett, M.D*
A WEATHER WATCH FOR SEMI-ARID LANDS WITHIN THE TROPICS
Lang.: eng. 1977. Series title: Royal Society of London. Philosophical Transactions. Series B. Vol.278:p.593-609
Descriptor: meteorological data * semiarid climate * climate models * crop production * weather forecasting * tropics
- 1098 *Eltayeb, I.A; Hassan, M.H.A*
THE STABILITY AND PROPAGATION OF SAND RIPPLES AND DUNES
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.398-434. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El Baz and M.H.A. Hassan (eds.), 473p
Descriptor: sand * dunes * dune morphology
- 1099 *Eltom, A*
SUDAN NATIONAL ECONOMIC CONFERENCE, AGRICULTURE SECTOR CONFERENCE (KHARTOUM, 18-20 FEBRUARY, 1986): TOWARDS LONG-TERM AGRICULTURAL DEVELOPMENT STRATEGY AND RELATED POLICIES
Meeting or Conf.: Sudan National Economic Conference, Agriculture Sector Conference, Khartoum
Lang.: eng. [Khartoum?]: s.n. 1986. [25]p
Descriptor: agricultural production * economic development
Geographical descriptor: Khartoum * Sudan
- 1100 *Eltom, M.A*
TOWARD A DROUGHT-ORIENTED CLIMATIC PREDICTION SYSTEM IN WESTERN SUDAN
Meeting or Conf.: ESA Proceedings of an International Satellite Land-Surface Climatology Project Conference (ISLSCP)
Lang.: eng. May 1986. p.439-442
Descriptor: drought * weather forecasting * meteorology * meteorological services * climatic fluctuations * rainfall
Geographical descriptor: Sudan * Africa
- 1101 *Emberger, L*
LA DEFINITION PHYTOGEOGRAPHIQUE DU CLIMAT DESERTIQUE
Lang.: fre. 1938. Series title: Societe de Biogeographie. Memoire (Paris). 6:p.9-14. Note: (In) La Vie dans la Region Desertique Nord-Tropicale de l'Ancien Monde by L. Aufferre, et al. (eds.), 408p
Descriptor: phytogeography * arid climate
Geographical descriptor: Sahara * Africa
- 1102 *Endroedy Younga, S*
COLEOPTERA
Lang.: eng. Hague, The Netherlands: Junk. 1978. Vol.2:p.797-821. Note: (In) Biogeography and Ecology of Southern Africa by M.A.J. Werger (ed.)
Descriptor: climatic change * arid climate * beetles * Coleoptera * distribution patterns * climatic fluctuations
Geographical descriptor: South Africa * Namibia * Karroo * Africa * Kalahari Desert
- 1103 *Engineering Consulting Firms Association (of) Japan; Pakistan Arid Lands Study Mission*
REPORT ON PRELIMINARY STUDY OF USE OF ASPHALT IN ARID LAND RECLAMATION AND DEVELOPMENT PROJECTS IN WEST PAKISTAN
Lang.: eng. Tokyo: Engineering Consulting Firms Association (of) Japan. Pakistan Arid Lands Study Mission. 1970. 99p
Descriptor: arid land * deserts * water resources * salinity * reclamation * land use * irrigation * irrigation canals * drainage * wells * dams * resource development * asphalt * water conservation * oils * mulching * sand control * dunes * sulfur * economic development * semiarid climate
Geographical descriptor: Pakistan * Indus Basin * Middle East
- 1104 *English, P.W*
GEOGRAPHICAL PERSPECTIVES ON THE MIDDLE EAST: THE PASSING OF THE ECOLOGICAL TRILOGY
Lang.: eng. Chicago, IL: University of Chicago. Department of Geography. 1973. Series title: Research Paper. No.152:p.134-164. Note: (In) Geographers Abroad by M.W. Mikesell (ed.)
Descriptor: pastoralism * geography * ecology * nomads * settlements * agriculture * urban areas * social organization
Geographical descriptor: Middle East * Iraq * Iran * Turkey * Lebanon * Arabian Peninsula * Egypt * Libya * Morocco * Tunisia * Algeria * Africa
- 1105 *English, P.W*
THE ORIGIN AND SPREAD OF QANATS IN THE OLD WORLD
Lang.: eng. 1968. Series title: American Philosophical Society. Proceedings. Vol.112(3):p.170-181
Descriptor: wells * qanats * water supply * water conveyance
Geographical descriptor: Iran * Middle East * Africa * Afghanistan * Algeria * Morocco

- 1106 *Environmental Research Institute of Michigan*
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT - FIRST THEMATIC CONFERENCE: REMOTE SENSING OF ARID AND SEMI-ARID LANDS
Meeting or Conf.: International Symposium on Remote Sensing of Environment, Proceedings, First Thematic Conference, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1982. 2 Vols., 1305p. ISSN 0275-5505
Descriptor: remote sensing * arid land * semiarid lands
- 1107 *Environmental Research Institute of Michigan*
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF THE ENVIRONMENT, 14TH, 1980
Meeting or Conf.: International Symposium on Remote Sensing of the Environment, 14th, 1980
Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1980. 3 Vols. ISSN 0275-5505
Descriptor: remote sensing * environmental reporting
- 1108 *Environmental Research Institute of Michigan; Egypt. Ministry of State for Education and Scientific Research; U.S. AID*
REMOTE SENSING OF ARID AND SEMI-ARID LANDS
Meeting or Conf.: International Symposium on Remote Sensing of Environment, Proceedings, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1982. 2 Vols., 619p
Descriptor: arid land * developing countries * Landsat * satellites * remote sensing * satellite borne photography * aerial photography * desertine * deserts * earth resources * hydrology * irrigation * land management * land use * oases * sand * thematic mapping * water resources
Geographical descriptor: Africa * Egypt * India * Sahara
- 1109 *Erol, J*
ALCANCESSOBRE EL USO RACIONAL DEL AGUA EN EL NORTE CHILENO (Comments on the Rational Use of Water in the Chilean North)
Lang.: spa. Santiago: Plandes, El Hombre en la Zona Arida del Norte Chileno. 1970
Descriptor: water utilization * irrigation practices
Geographical descriptor: Chile * South America
- 1110 *Eriksson, K.G.*
SEDIMENTATION IN THE WESTERN MEDITERRANEAN SEA
Lang.: eng. 1979. Series title: Scope. No. 14: p.197-210. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy
Geographical descriptor: North Africa * Sahel
- 1111 *Erol, O*
ANADOLUKI YILARININ HOLOSENDEKI DEGISMERLERI HAKKINDA GOZLEMLER (Observations on Anatolian Coastline Changes During the Holocene)
Lang.: tur. 1968. Series title: Cografya Arastirmalari Dergisi. Vol. 2: p.89-102
Descriptor: geomorphology * coastal areas * limestone * Holocene epoch * water level * deltas * subsidence
Geographical descriptor: Turkey * Anatolian Coastline Area
- 1112 *Erol, O*
TRUVA CEVRESININ FOTO-JEOMORFOLOJIK HARITASI (Photo-geomorphological Map of the Area Surrounding Troy)
Lang.: tur. 1972. Series title: Jeomorfoloji Dergisi. Vol. 4: p.9-20
Descriptor: geomorphology * Pleistocene epoch * coastal plains * plains * deltas * lagoons * fluvial process * slopes * aerial photography * maps
Geographical descriptor: Turkey * Troy
- 1113 *Espallangeas, M*
L'AUTORITE DU BASSIN DU NIGER: LA COOPERATION INTERAFRICAINNE POUR L'UTILISATION ET L'AMENAGEMENT DU BASSIN DU NIGER (The Niger Basin Authority: Inter-African Co-operation for the Utilization and Development of the Niger Basin)
Lang.: fre. Doc. no.: DOC/FI 816 164. 1983. Series title: Mois en Afrique. No. 205-206: p.114-126
Descriptor: watersheds * management * international cooperation * water management * water resources
Geographical descriptor: Niger * West Africa * Africa * Niger Basin
- 1114 *Espladora, B*
ALGUNOS ANTECEDENTES HIDROLOGICOS DE LA SEQUIA EN CHILE (Hydrological Antecedents of the Drought in Chile)
Lang.: spa. Montevideo, Chile: UNESCO. Seminario Regional Sobre Hidrologia de Sequias. Oficina de Ciencias Actas. 1972. p.181-184
Descriptor: drought * temperature ranges * climatology
Geographical descriptor: Chile * South America
- 1115 *Esquinas Alcazar, J.T*
PLANT GENETIC RESOURCES FOR ARID LANDS: CONSERVATION AND USE
Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
Lang.: eng. Boulder, CO: Westview Press. 1988. p.397-416.
Note: (In) Arid Lands: Today and Tomorrow: Proceedings of an International Research and Development Conference, by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R.G. Varady (eds.), 1435p
Descriptor: genetic resources * plants * arid land * conservation
- 1116 *European Communities. Commission*
LOME III: FOOD STRATEGIES A PRIORITY
Lang.: eng. 1985. Series title: Background Report, Commission of the European Communities. No. ISEC/B8/85. 3p
Descriptor: aid * Lome Convention * ACP
Geographical descriptor: Africa * Caribbean * Pacific Region
- 1117 *European Communities. Commission*
PLAN FOR THE REHABILITATION AND REVIVAL OF THE AFRICAN COUNTRIES WORST AFFECTED BY THE DROUGHT
Lang.: eng. 1985. Series title: Bulletin of the European Communities. Vol. 18(10): p.16-19
Descriptor: aid * drought * food supply * development aid
Geographical descriptor: Africa
- 1118 *European Communities. Commission*
REPORT FROM THE COMMISSION TO THE COUNCIL AND PARLIAMENT ON THE EXECUTION OF THE SPECIAL PROGRAMME TO COMBAT HUNGER IN THE WORLD
Lang.: eng. 1984. 13p., No. COM(84) 660 Final. Note: Commission of the European Communities, COM Documents
Descriptor: aid * famine * development aid
- 1119 *Evans, J*
SOIL AND WATER MANAGEMENT ASPECTS OF FORESTATION
Meeting or Conf.: Strategies and Designs for Afforestation, Reforestation, and Tree Planting, An International Symposium. Wageningen, The Netherlands, Sept. 19-23, 1983
Lang.: eng. Wageningen, The Netherlands: Centre for Agricultural Publishing and Documentation (PUDOC). 1984. p.96-114. Note: Summary language: French; (In) Strategies and Designs for Afforestation, Reforestation, and Tree Planting. Proceedings of an International Symposium by K.F. Wiersum (ed.)
Descriptor: afforestation * reforestation * soils * erosion * hydrology * shelterbelts * soil management * water management * forestry practices

1120 **Evenari, M.; et al.**
THE ANCIENT DESERT AGRICULTURE OF THE NEGEV: Early beginnings
 Lang.: eng. 1958. Series title: *Israel Exploration Journal*.
 Vol. 8: p. 231-269
 Descriptor: deserts * agriculture * history
 Geographical descriptor: Israel * Negev * Middle East

1121 **Evenari, M.; Koller, D.**
ANCIENT MASTERS OF THE DESERT
 Lang.: eng. 1956. Series title: *Scientific American*.
 Vol. 194: p. 39-45
 Descriptor: deserts * humans * adaptation * environment * water harvesting * history * wadi * irrigation practices
 Geographical descriptor: Israel * Negev * Middle East

1122 **Evenari, M.; Koller, D.**
DESERT AGRICULTURE: PROBLEMS AND RESULTS IN ISRAEL
 Lang.: eng. Washington, D.C.: American Association for the Advancement of Science, 1956. Series title: *American Association for the Advancement of Science*. Vol. 43: p. 390-413.
 Note: (In) *The Future of Arid Lands* by G.F. White (ed.)
 Descriptor: agriculture * deserts * land use
 Geographical descriptor: Israel * Middle East

1123 **Evenari, M.; Noy-Meir, I.; Goodall, D.W.**
HOT DESERTS AND ARID SHRUBLANDS
 Lang.: eng. Amsterdam: Elsevier, 1985. Series title: *Ecosystems of the World*. 12A-12B. p. 365p
 Descriptor: deserts * desert plants * ecosystems * climate * geomorphology * geology * soil classification

1124 **Evenari, M.; et al.**
RUNOFF FARMING IN THE DESERT III: Experimental layout
 Lang.: eng. 1968. Series title: *Agronomy Journal*.
 Vol. 60: p. 29-32
 Descriptor: deserts * runoff farming * crop production
 Geographical descriptor: Israel * Middle East

1125 **Evenari, M.; Shanani, L.; Tadmor, N.H.**
THE NEGEV, THE CHALLENGE OF A DESERT
 Lang.: eng. Cambridge, MA: Harvard University Press, 1971.
 345p
 Descriptor: adaptation * water harvesting * microenvironment * desert plants * history * rainfall runoff relationships * deserts * crop production * land use
 Geographical descriptor: Negev * Israel * Middle East

1126 **Everist, S.L.; Moule, G.R.**
STUDIES IN THE ENVIRONMENT OF QUEENSLAND 2: The climatic factor in drought
 Lang.: eng. 1952. Series title: *Queensland Journal of Agricultural Science*. Vol. 9: p. 185-199
 Descriptor: environmental studies * semiarid lands * drought * climate * environmental impact
 Geographical descriptor: Queensland * Australia

1127 **Ewel, J.J.; Madriz, A.**
ZONAS DE VIDA EN VENEZUELA (Life Zones in Venezuela)
 Lang.: spa. Caracas, Venezuela: Ministerio de Agricultura y Cria, Direccion de Investigacion, 1968. 265p
 Descriptor: life zones * phytogeography * photography * vegetation * plant ecology
 Geographical descriptor: South America * Venezuela

1128 **Byre, L.A.**
VEGETATION CHANGE AND DESERTIFICATION IN THE CARIBBEAN
 Lang.: eng. Washington, D.C.: National Aeronautics and Space Administration, May 1986. p. 509-514. Note: (In) *International Satellite Land Surface Climatology Project Conference Proceedings*
 Descriptor: desertification * vegetative change * climate * deforestation * environmental impact * human ecology * rural development * land use * satellite imagery
 Geographical descriptor: Caribbean

1129 **Fabregues, P. de, et al.**
SAHEL: LA FIN DU MONDE PASTORAL? (The Sahel: Is the End of Pastoralism in Sight?)
 Lang.: fre. 1984. Series title: *Marches Tropicaux et Mediterraneens*. Vol. 40(2031): p. 2488-2491
 Descriptor: nomads * pastoralism * land resources * drought * desertification
 Geographical descriptor: Niger * Africa * Sahel

1130 **Fabricius, A.F.**
DROUGHT INVESTIGATION: NW TRANSVAAL
 Lang.: eng. 1964. Series title: *South African Journal of Science*.
 Vol. 60(9): p. 267-275
 Descriptor: rainfall * drought * boreholes * irrigation * water table
 Geographical descriptor: Transvaal * Africa

1131 **Fedigas, L.**
DESERTIFICATION AND IMPROVEMENT OF THE PORTUGUESE CASE
 Lang.: por. 1986. Series title: *Revista de Ciencias Agricolas*.
 Vol. 9(2): p. 29-36
 Descriptor: desertification * poverty
 Geographical descriptor: Portugal

1132 **Faggi, P.**
IL PROBLEMA DELLA DESERTIFICAZIONE NELLA GEOGRAFIA DELLE TERRE ASCIUTTE (The Problem of Desertification and Geography of Drylands)
 Lang.: ita. Padua, Italy: University of Padua, Dip. Geogr. (1985). Series title: *Rivista Geografica Italiana*.
 Vol. 92(3-4): p. 209-236. ISSN 0035-6697
 Descriptor: desertification * dryland
 Geographical descriptor: Africa * Egypt * India * Sahara

1133 **Faggi, P.P.**
IRRIGATION, DESERTIFICATION ET DEVELOPPEMENT EN ZONE MARGINALE NOTES SUR LE CAS DU PAKISTAN SALINITE, DROMORPHIE, SOCIETE FEODALE, COLONIALISME, GRANDES TERRES AVAUX, ALTERNATIVE (Irrigation, Desertification and Marginal Development: Some Facts about Pakistan Salinity, Waterlogging, Feudal Society, Colonialism, Great Projects, Alternative Management)
 Lang.: fre. 1980. Series title: *Revue de Geographie de Lyon*.
 Vol. 55(1): p. 39-52. ISSN 0035-113x. Note: Summary language: English; French; Translated from Italian
 Descriptor: natural resources * salinity * waterlogging * irrigation * desertification * feudalism * alternative planning
 Geographical descriptor: Pakistan * Middle East

1134 **Fagotto, F.**
SAND-DUNE FIXATION IN SOMALIA
 Lang.: eng. 1987. Series title: *Environmental Conservation*.
 Vol. 14(2): p. 157-163
 Descriptor: dunes * environmental management * desertification * erosion control
 Geographical descriptor: Somalia * Africa

1135 **Fahrenhorst, B.; Hoppe, T.; Albrecht, D.**
UMWELTPOLITIK UND LANDNUTZUNGSPROBLEME IN DER VOLKSREPUBLIK CHINA UND LANDERN DER DRITTEN WELT: DREI BEITRÄGE (Environmental Policy and Land Use Problems in the People's Republic of China and Other Third World Countries: Three Studies)
 Lang.: ger. Berlin: Technische Universität Berlin, Landschaftsentwicklung und Umweltforschung, 1984. No. 21.
 179p. ISBN 3-7983-0978-7
 Descriptor: environmental policy * ecology * desertification
 Geographical descriptor: China * Asia

1136 **Fatov, K.S.**
THE TAKYR-LIKE SOILS OF KAZAKHSTAN SALLUVIAL PLAINS
 Lang.: eng. 1985. Series title: *Problems of Desert Development*.
 No. 6: p. 20-26. Note: Translated from: *Problemy Osvoeniya Pustyni* (1985, No. 6: p. 21-27)
 Descriptor: soil types * climate * alluvial land * aridisols * takyrs
 Geographical descriptor: USSR * Kazakh SSR * Asia

- 1137 *Fakhrudinov, F.F*
FIXATION AND AFFORESTATION OF SHIFTING SANDS IN CENTRAL FERGANA
 Lang.: rus. 1968. Series title: *Khlopkovodstvo*. Vol.10:p.30-31
Descriptor: sand control * soil stabilization * afforestation * reclamation * agrotechnology * economics * economic analysis
Geographical descriptor: Fergana * Uzbek SSR * USSR
- 1138 *Fallonx, F. (ed.); Mukendi, A. (ed.)*
DESERTIFICATION CONTROL AND RENEWABLE RESOURCE MANAGEMENT IN THE SAHELIAN AND SUDANIAN ZONES OF WEST AFRICA
 Lang.: eng. Washington, D.C.: International Bank for Reconstruction and Development. 1987. Series title: *World Bank. Technical Paper*. No.70. 119p. ISBN 0-8213-0948-X
Descriptor: desertification control * resource management * agriculture * ecology
Geographical descriptor: Africa * Sahel * Sudan * West Africa
- 1139 *Fanglun, Z*
MAKING THE DESERT BLOOM
 Lang.: eng. July-Sept. 1987. Series title: *World Food Programme Journal*. Vol.3:p.6
Descriptor: deserts * revegetation * desertification control
- 1140 *Fantechi, R.; Margaris, N.S*
DESERTIFICATION IN EUROPE: PROCEEDINGS OF THE INFORMATION SYMPOSIUM IN THE EEC PROGRAMME ON CLIMATOLOGY
 Meeting or Conf.: Information Symposium in the EEC Programme on Climatology, Mytilene, Greece, Apr. 15-18, 1984
 Lang.: eng. Dordrecht, The Netherlands: D. Reidel Pub. Co. 1986. 231p. ISBN 90-277-2230-7
Descriptor: desertification * natural disasters * aridisols
Geographical descriptor: Europe
- 1141 *Fantoli, A*
LE PIOGGIE DELLA LIBIA, CON PARTICOLARE RIGUARDO ALLE ZONE DI AVVALORAMENTO
 Lang.: ita. Rome: Ministero dell'Africa Italiana. Ispettorato Meteorologico. 1952. 528p
Descriptor: climatic data * rainfall * analytical methods * distribution patterns
Geographical descriptor: Libya * Africa
- 1142 *Farmer, J.N.; Everist, S.L.; Moule, G.R*
STUDIES IN THE ENVIRONMENT OF QUEENSLAND I: The Climatology of Semi-Arid Pastoral Areas
 Lang.: eng. 1947. Series title: *Queensland Journal of Agricultural Science*. Vol.4:p.21-59
Descriptor: pastoralism * environmental surveys * climatology * grasslands * grassland biome * semiarid climate
Geographical descriptor: Queensland * Australia
- 1143 *Farrand, W.R*
GEOLOGICAL CORRELATION OF PREHISTORIC SITES IN THE LEVANT
 Lang.: eng. Paris: UNESCO. 1972. p.227-235. Note: (In) *The Origin of Homo Sapiens* by F. Bordes (ed.)
Descriptor: geology * research * site factors * prehistory * archaeology
Geographical descriptor: Israel * Middle East * Lebanon
- 1144 *Farrand, W.R*
LATE QUATERNARY PALEOCLIMATES OF THE EASTERN MEDITERRANEAN AREA
 Lang.: eng. New Haven, CT: Yale University Press. 1971. p.529-564. Note: (In) *Late Cenozoic Glacial Ages* by K.K. Turekian (ed.)
Descriptor: paleoclimatology * Quaternary period * climatic change * climatic data * tectonics * palynology * Mediterranean climate * archaeology * glaciers * graben geology
Geographical descriptor: Middle East * Israel * Jordan * Red Sea
- 1145 *Fathy, H*
HUMAN SETTLEMENTS IN NEWLY RECLAIMED LAND
 Lang.: eng. New York, NY: Harwood Academic Publishers. 1979. Vol.1:p.537-546. Note: (In) *Desert and Arid Land Technology and Development* by A. Bishay and W.G. McGinnies (eds.), 618p
Descriptor: human activity * planning * settlements * reclamation * carrying capacity * building design * social aspects
Geographical descriptor: Kharga Oasis * Egypt * Africa
- 1146 *Fathi, A.; Kishk, M.A.; Darwish, O.H*
EVALUATION OF DESERTIFICATION IN THE FRINGES OF THE LOWER NILE VALLEY. II. Physical and Chemical Properties
 Lang.: eng. 1980. Series title: *Ain Shams University. Faculty of Agriculture. Research Bulletin*. 1302. 14p. Note: Summary language: Arabic
Descriptor: soil fertility * soil productivity * desertification * physico-chemical properties of soils
Geographical descriptor: Egypt * Africa * Lower Nile River
- 1147 *Fathi, A.H.; Hanna, F*
MORPHOLOGY AND CLASSIFICATION OF SOME SOILS OF THE WESTERN DESERTS, U.A.R
 Lang.: eng. Cairo, Egypt: Desert Institute. 1969. Series title: *Desert Institute Bulletin*. Vol.19(1):p.183-194
Descriptor: soil profiles * aridisols * entisols * deserts * soil surveys * soil classification
Geographical descriptor: Africa * Egypt * Libyan Desert
- 1148 *Fathi, A.H.; et al*
MORPHOLOGY AND SOME SOIL PROFILES IN SIWA OASIS
 Lang.: eng. Cairo, Egypt: Desert Institute. 1971. Series title: *Desert Institute Bulletin*. Vol.21(1):p.93-108
Descriptor: oases * artesian wells * irrigation water * drainage * entisols * aridisols * soil analysis * soil formation * soil horizons * reclamation * physico-chemical properties of soils
Geographical descriptor: Egypt * Africa * Siwa Oasis
- 1149 *Fatyukhin, A.P.; Lomachev, L.I*
SOIL-COVER STRUCTURAL ELEMENTS OF ANCIENT DELTAS IN TURKMENISTAN
 Lang.: eng. 1984. Series title: *Problems of Desert Development*. No.6:p.58-63. Note: Translated from: *Problemy Osvoeniya Pustyn* (1984, No.6:p.55-60)
Descriptor: variation * soil types * alluvial land * land types
Geographical descriptor: Turkmen SSR * USSR
- 1150 *Faure, H*
EVOLUTION DES GRANDS LACS SAHARIENS A L'HOLOCENE
 Lang.: fre. 1966. Series title: *Quaternaria*. Vol.8:p.167-175
Descriptor: lakes * Holocene epoch * radiocarbon dating * paleoclimatology * evaporation * salts * water table * saline lakes
Geographical descriptor: Niger * Sahara * Sahel * Africa
- 1151 *Faure, H*
FICHER DES AGES ABSOLUS DU QUATERNAIRE D'AFRIQUE
 Lang.: fre. Dakar, West Africa: Association Sengalaise pour l'Etude du Quaternaire de l'Ouest Africaine. 1968. Series title: *Association Senegalaise pour l'Etude du Quaternaire de l'Ouest Africaine. Bulletin (Dakar)*. Vol.16:3-6
Descriptor: Quaternary period * geologic time * geochronology
Geographical descriptor: Africa
- 1152 *Faure, H*
RECHERCHES SUR LE QUATERNAIRE LITTORAL DU SENEGAL ET DE LA MAURITANIE
 Lang.: fre. Capetown: Balkema, 1969. Vol.4, p.104-106. Note: (In) *Paleoecology of Africa* by E.M. Van Zinderen Bakker (ed.)
Descriptor: coastal areas * topography * Quaternary period * paleogeology
Geographical descriptor: Senegal * Mauritania * Africa

- 1153 *Faure, H.; et al*
UN EXEMPLE D'ETUDE D'HYDROGEOLOGIE ISOTOPIQUE EN PAYS SEMI-ARIDE, LE BASSIN DU LAC TCHAD(Example of a Hydrologic Isotopic study in the Semiarid Region of the Lake Chad Basin)
Lang.: fre. 1970. Series title: *Journal of Hydrology*. Vol.10(2):p.141-150
Descriptor: lake basins * isotopes * hydrology * groundwater * radiocarbon dating
Geographical descriptor: Lake Chad * Chad * Africa
- 1154 *Fayziyev, K.T*
OPYT FITOMELIORATSII MALOPRODUKTIVNYKH PASTVISHCH YOGO-ZAPADNOGO KYZYLKUMA S PRIMENENIEMRAZLICHNYKHESPOSOBOVOBRABOTKI POCHV(Experiment in Phytoreclamation of Underproductive Pastures of the Southwestern Kyzylkum Through the Use of Various Soil Cultivation Methods)
Lang.: rus. Tashkent, Uzbek SSR: Uzbek SSR Academy of Sciences. 1974. 37p. Note: (Candidate dissertation summary)
Descriptor: pastures * revegetation * soil management
Geographical descriptor: Kyzylkum * Uzbek SSR * USSR
- 1155 *Fazal, M.A*
UTILISATION OF WATER RESOURCES AND FLOOD CONTROL IN INDIA, BANGLADESH AND PAKISTAN
Lang.: eng. 1981. Series title: *Asian Studies*. Vol.3(1):p.49-64
Descriptor: flood control * natural resources * water resources * water management
Geographical descriptor: India * Bangladesh * Pakistan * South Asia
- 1156 *Fazilov, T.I*
PROTECTION OF ISATAI STATION AGAINST SAND ENCROACHMENT
Lang.: rus. 1981. Series title: *Problemy Osvoeniya Pustyn*. No.1:p.73-76. Note: Summary in English
Descriptor: sand control * shelterbelts
Geographical descriptor: USSR * Turkmen SSR * Isatai Station
- 1157 *Fazilov, T.I*
PROTECTION OF RAILWAYTRACKSFROM SAND DRIFTS THROUGH FIXATIVES
Lang.: eng. 1972. Series title: *Problems of Desert Development*. No.3:p.84-87. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sand control * railway tracks
- 1158 *Fearnside, P.M*
ENVIRONMENTAL CHANGE AND DEFORESTATION IN THE BRAZILIAN AMAZON
Lang.: eng. Manchester, England, U.K.: Manchester University Press. 1985. p.70-89. Note: (In) *Change in the Amazon Basin*, Vol.1: *Man's Impact on Forests and Rivers* by J. Hemming (ed.)
Descriptor: deforestation * environmental variability * environmental impact
Geographical descriptor: Amazon Basin * Brazil * South America
- 1159 *Fearnside, P.M*
O PROCESSO DE DESERTIFICACAOE OS RISCOS DE SUA OCORRENCIA NO BRASIL(The Desertification Process and the Risks of Its Occurrence in Brazil)
Lang.: por. 1979. Series title: *Acta Amazonica*. Vol.9(2):p.393-400. Note: Summary language: English
Descriptor: deforestation * forests * climate * desertification
Geographical descriptor: Amazon Basin * Brazil * South America
- 1160 *Fedorovich, B.A*
INTENSIVENESS OF CONTEMPORARY EOLIAN PROCESSES IN USSR DESERTS
Lang.: rus. Moscow: Nauka. 1970. p.149-159. Note: (In) *Sovremennyye ekzogennyye protsessy rel'yefoobrazovaniya* (Contemporary Exogenous Topography Shaping Processes)
Descriptor: deserts * eolian processes
Geographical descriptor: USSR
- 1161 *Fedorowicz, W.; Ney, B*
SELECTED EXAMPLES OF PROFITABLE APPLICATIONS OF REMOTE SENSING FOR RESOURCES, INVENTORIES AND MONITORING
Lang.: eng. 1985. Series title: *Advances in Space Research*. Vol.4(11):p.61-68
Descriptor: natural resources * environmental surveys * remote sensing * satellites * planning
Geographical descriptor: Poland
- 1162 *Fedoseev, A.P.; Garova, V.N*
AGROMETEOROLOGICAL PREDICTION OF PRODUCTIVITYOF DESERT GRASSLANDS
Lang.: rus. 1978. Series title: *Problemy Osvoeniya Pustyn*. 1978(2):p.3-8
Descriptor: agricultural development * deserts * grasslands * productivity * meteorology
Geographical descriptor: USSR * Turkmen SSR
- 1163 *Fedoseev, A.P.; Nurberdiyev, M.; Artykov, K*
LONG-TERM FORECASTS OF TURKMENISTAN DESERT PASTURE YIELDS
Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.1:p.65-69. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: deserts * pastures * crop yield * forecasting
Geographical descriptor: Turkmen SSR * USSR
- 1164 *Fedoseev, A.P*
ON PROSPECTS FOR AGROMETEOROLOGICAL FORECASTING OF DESERT PASTURE CROPS
Lang.: eng. 1972. Series title: *Problems of Desert Development*. Vol.3:p.3-9. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: deserts * pastures * moisture * forecasting * meteorology
Geographical descriptor: USSR
- 1165 *Fedoseev, A.P*
ON THE PROSPECTS OF PREDICTING YIELDS OF DESERT PASTURES USING AGROMETEOROLOGICAL DATA
Lang.: rus. 1972. Series title: *Problemy Osvoeniya Pustyn*. No.3:p.3-9. Note: Summary in English
Descriptor: grasslands * forage production * meteorology * forecasting
Geographical descriptor: USSR
- 1166 *Fedyushina, L.A. (ed.); Tkachenko, N.S. (ed.)*
VOPROSYDEFLYATSIIPOCHV(Problems of Soil Deflation)
Lang.: rus. Moscow: Gidrometeoizdat. 1972. 167p
Descriptor: soil deflation * soil conditions * wind erosion * soil stabilization * dunes * sand
- 1167 *Feeney, A*
SACRIFICING THE EARTH
Lang.: eng. Nov.-Dec.1985. Series title: *Environmental Action*. Vol.17(3):p.12-19
Descriptor: desertification control * pollution
- 1168 *Felker, P*
USES OF TREE LEGUMES IN SEMI-ARID REGIONS
Meeting or Conf.: Presented at the Society for Economical Botany, Symposium on Legumes, Bloomington, IN, June 1980
Lang.: eng. Riverside, CA: California University. Department of Soil and Environmental Sciences. 1980. 29p
Descriptor: semiarid lands * Leguminosae * canopies * vegetation * crops * legumes * yields * agriculture
- 1169 *Felker, P*
USES OF TREE LEGUMES IN SEMIARID REGIONS
Lang.: eng. 1981. Series title: *Economic Botany*. Vol.35(2):p.174-186
Descriptor: tropics * semiarid lands * Leguminosae * review * legumes * deserts * economic plants

- 1170 *Fennessy, M.J.; Sud, Y.C.*
A STUDY OF THE INFLUENCE OF SOIL MOISTURE ON FUTURE PRECIPITATION
Lang.: eng. Greenbelt, MD: Goddard Space Flight Center, National Aeronautics and Space Administration. May 1983. 130p
Descriptor: hydrology * precipitation * meteorology * soil moisture * evapotranspiration * weather forecasting
- 1171 *Fergus, M (ed.); Gjoes, T. (ed.); Nyblin, S.G. (ed.)*
MILJOEVERN OG U-LAND. RAPPORT. OPPSUMMERING OG INNLEGG FRA KONFERANSEN MILJOEVERN OG U-LAND (Environment Conservation and Developing Countries. Report. Summary and Papers from the Conference Environment Protection and Developing Countries)
Lang.: nor. Oslo: Norsk Ingenioerforening. Departementet for Utviklingshjelp. Miljoeverndepartementet. 1985. 104p. Note: U-landsdagene, Kongsberg, Norway, Apr. 11-12, 1985
Descriptor: developing countries * nature conservation * resource conservation * aid * water management * desertification * tropical forests * development aid * economic development * economic geography * natural disasters
- 1172 *Fernea, R.A.*
LAND REFORM AND ECOLOGY IN POST-REVOLUTIONARY IRAQ
Lang.: eng. 1969. Series title: Economic Development and Cultural Change. Vol.17:p.356-381
Descriptor: ecology * land management * land use * land reform
Geographical descriptor: Middle East * Iraq
- 1173 *Feteris, P.J.*
THE ROLE OF DEEP CONVECTION AND STRONG WINDS ALOFT IN TRIGGERING GALES OVER THE PERSIAN GULF: COMPARATIVE CASE STUDIES
Lang.: eng. 1973. Series title: Monthly Weather Review. Vol.101(5):p.455-460
Descriptor: case studies * winds velocity * storms * wind action * meteorology * wind
Geographical descriptor: Persian Gulf * Middle East
- 1174 *Field, C.R.; et al*
CAMEL DISEASES AND PRODUCTIVITY IN THE ARID LANDS OF NORTHERN KENYA
Lang.: eng. Nairobi, Kenya: United Nations Education, Scientific and Cultural Organization. 1985. Series title: UNESCO MAB IPAL Technical Report. No.E-7. 236p
Descriptor: camels * animal diseases * animal production * deserts * marginal lands * pastoralism * nomads * pest control * ticks
Geographical descriptor: Kenya * Africa
- 1175 *Field, D.J.*
UNITED NATIONS CONFERENCE ON DESERTIFICATION, SUB-SAHARAN AFRICA REGIONAL MEETING, SITUATION REPORT FOR BOTSWANA
Meeting or Conf.: UN Conference on Desertification. Sub-Saharan Regional Meeting
Lang.: eng. Nairobi, Kenya: UN Conference on Desertification. 1977. 14p
Descriptor: water management * overgrazing * wind erosion * desertification control * erosion control * demography * climate
Geographical descriptor: Botswana * Africa
- 1176 *Field, M.*
AGRO-BUSINESS AND AGRICULTURAL PLANNING IN IRAN
Lang.: eng. 1972. Series title: World Crops. Vol.24:p.68-72
Descriptor: agricultural production * planting management * crop production
Geographical descriptor: Iran * Middle East
- 1177 *Fietz, T.R.*
ENGINEERING ASPECTS OF EVAPORATION REDUCTION FOR SMALL SURFACE WATER STORAGE
Lang.: eng. 1970. Series title: Water Research Foundation of Australia Limited Report. 33. 18p
Descriptor: surface water * evaporation control * water storage
- 1178 *Filp, J.; Fuentes, E.; Donoso, S.; et al*
ENVIRONMENTAL PERCEPTION OF MOUNTAIN ECOSYSTEMS IN CENTRAL CHILE: AN EXPLORATORY STUDY
Lang.: eng. Santiago, Chile: Centro de Investigacion y Desarrollo de la Educacion. Sep. 1983. Series title: Human Ecology. Vol.11(3):p.345-351. ISSN 0046-8169
Descriptor: mountains * ecosystems
Geographical descriptor: Chile * South America
- 1179 *Fireman, B.*
USE AND ABUSE OF SOUTHWESTERN RIVERS Historic man—the anglo
Meeting or Conf.: American Water Resources Association, Arizona Section/Arizona Academy of Science, Hydrology section, Proceedings of the 1971 meetings, Tempe, AZ
Lang.: eng. 1971. Vol.1:p.397-403. Note: (In) Hydrology and Water Resources in Arizona and the Southwest
Descriptor: river basins * resources development * dams * arid land * water conservation * history * water resources * water pollution
Geographical descriptor: Arizona * Southwestern U.S
- 1180 *Fisher, R.G.*
SOME GEOGRAPHIC FACTORS THAT INFLUENCED THE ANCIENT POPULATIONS OF THE CHACO CANYON, NEW MEXICO
Lang.: eng. 1934. Series title: University of New Mexico Bulletin. Archaeology Series. Vol.3(1):p.3-24
Descriptor: regional geography * humans * prehistory * archaeology * American Indians
Geographical descriptor: New Mexico * Chaco Canyon
- 1181 *Fishwick, R.W.*
SAHEL AND SUDAN ZONE OF NORTHERN NIGERIA, NORTH CAMEROON, AND THE SUDAN
Lang.: eng. The Hague, The Netherlands: W. Junk. 1970. p.59-85. Note: (In) Afforestation in Arid Zones by R.N. Kaul (ed.), 435p
Descriptor: climate * summer rainfall * rainfall * rivers * forests * irrigation * afforestation * soil types * vegetation * settlements * human activity * land use * economic development * planting management * Acacia * Eucalyptus
Geographical descriptor: Sahel * Africa * Sudan * Nigeria
- 1182 *Fitzgerald, K.*
RESTORING DEGRADED RANGELANDS
Lang.: eng. 1982. Series title: Western Australia Journal of Agriculture. Vol.23(2):p.46-50
Descriptor: reclamation * rangelands
- 1183 *Fitzgerald, K.*
SOIL CONSERVATION IN THE KIMBERLEY AREA OF WESTERN AUSTRALIA
Lang.: eng. 1960. Series title: Western Australia Journal of Agriculture. Vol.1:p.949-956
Descriptor: soil conservation
Geographical descriptor: Western Australia * Australia * Kimberley Area
- 1184 *Fitzgerald, K.*
THE ORD RIVER CATCHMENT REGENERATION PROJECT
Lang.: eng. 1967-1968. Series title: Western Australia Journal of Agriculture. Vol.8(11):p.446-452; Vol.9(3):p.90-95
Descriptor: catchments * overgrazing * erosion * sedimentation * environmental impact * erosion control * reclamation
Geographical descriptor: Western Australia * Ord River * Australia
- 1185 *Flannery, K.V.*
ORIGINS AND ECOLOGICAL EFFECTS OF EARLY DOMESTICATION IN IRAN AND THE NEAR EAST
Lang.: eng. London, U.K.: Duckworth. 1969. p.73-100. Note: (In) The Domestication and Exploitation of Plants and Animals by P.J. Ucko and G.W. Dimbleby (eds.)
Descriptor: dry farming * history * domestic animals * livestock * cultivation * irrigation practices * ecology * archaeology
Geographical descriptor: Iran * Middle East

- 1186 *Fleagle, R.G. (ed.)*
WEATHER MODIFICATION: SCIENCE AND PUBLIC POLICY
Lang.: eng. Seattle, WA: University of Washington Press. 1969. 147p
Descriptor: weather modification * law * social aspects * environmental engineering * political aspects
- 1187 *Fleming, J.H.*
THE ASSESSMENT OF SURFACE RUNOFF FROM RAINFALL DATA FOR AN ARID REGION OF WEST PAKISTAN
Lang.: eng. 1968. Series title: International Association of Scientific Hydrology. Publication. Vol.76:p.369-382
Descriptor: rainfall runoff relationships * monsoons * surface water runoff * streamflow * infiltration * floods
Geographical descriptor: Pakistan * Baluchistan * Indus Basin
- 1188 *Flint, R.F.*
PLEISTOCENE CLIMATES IN EASTERN AND SOUTHERN AFRICA
Lang.: eng. 1959. Series title: Geological Society of America. Bulletin. Vol.70(3):p.343-373
Descriptor: Pleistocene epoch * arid land * sand * paleoclimatology * climatic geomorphology * geologic time * relict landforms * climatic change * geology * research
Geographical descriptor: Africa * South Africa
- 1189 *Flint, R.F.; Bond, G.*
PLEISTOCENE SAND RIDGES AND PANS IN WESTERN RHODESIA
Lang.: eng. 1968. Series title: Geological Society of America. Bulletin. Vol.79:p.299-314
Descriptor: Pleistocene epoch * Quaternary period * Cenozoic era * climatic change * rainfall * sheet erosion * vegetation * dunes * pans * relict landforms * geology * research
Geographical descriptor: Southern Africa * Africa
- 1190 *Flohn, H.; Ketata, M.*
INVESTIGATIONS ON THE CLIMATIC CONDITIONS OF THE ADVANCEMENT OF THE TUNISIAN SAHARA
Lang.: eng. 1971. Series title: World Meteorological Organization. Technical Note. 116. 42p
Descriptor: water balance * climatic data * desertification * atmospheric precipitation * air circulation * evapotranspiration * rainfall * irrigation water * grazing * humidity
Geographical descriptor: Sahara * Tunisia * Africa
- 1191 *Flohn, H.*
SAHARIZATION: NATURAL CAUSES OR MANAGEMENT
Lang.: eng. 1971. Series title: World Meteorological Organization. Special Environment Report. Vol.2:p.101-106
Descriptor: human activity * desertification
Geographical descriptor: Sahara * Africa
- 1192 *Flohn, H.*
SOME ASPECTS OF MAN-MADE CLIMATE MODIFICATION AND DESERTIFICATION
Lang.: eng. 1977. Series title: Applied Sciences and Development. Vol.10:p.44-58
Descriptor: desertification * climatic fluctuations * hydrology * land use * heat budget * environmental variability * synoptic climatology
- 1193 *Floret, C.; Hadje, M.S.*
AN ATTEMPT TO COMBAT DESERTIFICATION IN TUNISIA
Lang.: eng. 1977. Series title: Ambio. Vol.6(6):p.366-368
Descriptor: desertification * range management * overgrazing * erosion
Geographical descriptor: Tunisia * Africa
- 1194 *Floret, C.; Le Floc'h, E.; Pontanier, R.*
CARTE DE LA SENSIBILITE A LA DESERTISATION: TUNISIE CENTRALE ET MERIDIONALE (Processus de degradation en cours des sols et de la vegetation)
Lang.: fre. 1976. Series title: Sols de Tunisie. Vol.8:p.1-69
Descriptor: soil degradation * desertification * maps * soil maps * vegetation maps * saline soils * soil fertility * populations * regional surveys * erosion
Geographical descriptor: Tunisia * Sahara * Africa
- 1195 *Floret, C.; et al.*
CASE STUDY ON DESERTIFICATION: OGLAT MERTEBA REGION, TUNISIA (Paper presented by the Tunisian Government for the United Nations Conference on Desertification, Nairobi)
Lang.: eng. Tunisian National Institute for Agronomic Research. 1977. 148p
Descriptor: case studies * desertification * synoptic analysis * surveys * forecasting * ecosystems * revegetation * land use
Geographical descriptor: Tunisia * Sahara * Africa * Oglat Merteba Region
- 1196 *Floret, C.; et al.*
E ECOLOGIQUE REGIONAL EN VUE DE LA PLANIFICATION ET DE L'AMENAGEMENT AGRO-PASTORAL DES REGIONS ARIDES (Application a la Region Zougrata)
Lang.: fre. 1978. Series title: Tunisie. Ministere de L'Agriculture. Document Technique. No.2. 74p
Descriptor: mapping * ecology * models * pastoralism * desertification
Geographical descriptor: Africa * Zougrata Region * Tunisia
- 1197 *Floret, C.; Pontanier, R.*
L'ARIDITE EN TUNISIE PRESAHARIENNE (Aridity in Presaharian Tunisia)
Lang.: fre. 1982. Series title: Travaux et Documents de l'ORSTOM. No.150:544p. ISBN 2-7099-060-0
Descriptor: soil types * climate * aridisols
Geographical descriptor: Tunisia * Africa
- 1198 *Floret, C.; Le Floc'h, E.; Pontanier, R.*
LA SENSIBILITE A LA DESERTISATION: UN THEME CARTOGRAPHIQUE APPLIQUE A LA TUNISIE CENTRALE ET MERIDIONALE, ECHELLE 1-1000.000 (Desertification Susceptibility: A Cartographic Theme Applied to Central and Southern Tunisia, scale 1:1,000,000)
Meeting or Conf.: Colloque International sur la Cartographie de la Vegetation a Petite Echelle (Int'l Symposium on Small Scale Vegetation Mapping), Grenoble, France, 24-27 Septembre 1980
Lang.: fre. Saint-Martin-d'Heres, France: Universite de Grenoble-1. 1981. Series title: Documents de Cartographie Ecologique. Vol.24(1). p.91-95. ISSN 0035-5330. Note: (In) Colloque International sur la Cartographie de la Vegetation a Petite Echelle by P. Ozenda (ed.)
Descriptor: plant protection * plant ecology * soil resources management * soil erosion reclamation * desertification * cartography
Geographical descriptor: Tunisia * North Africa * Africa * Francophone Africa
- 1199 *Floret, C.*
LUTTE CONTRE LE DESERTIFICATION EN TUNISIE (The Struggle Against Desertification in Tunisia)
Lang.: fre. 1987. Series title: Desertification Control Bulletin. No.15:p.34-39
Descriptor: desertification control * environmental policy
Geographical descriptor: Africa * Tunisia
- 1200 *Floret, C.; et al.*
MODELE ECOLOGIQUE REGIONAL EN VUE DE LA PLANIFICATION ET DE L'AMENAGEMENT AGRO-PASTORAL DES REGIONS ARIDES (Application a la Region de Zougrata)
Lang.: fre. 1978. Series title: Tunisie. Ministere de L'Agriculture. Document Technique. 2. 74p
Descriptor: ecology * mapping * models * pastoralism * desertification
Geographical descriptor: Tunisia * Africa * Zougrata Region

- 1201 *Floret, C.; et al*
PRODUCTION, SENSIBILITE ET EVOLUTION DE LA VEGETATION ET DU MILIEU EN TUNISIE PRESAHARIENNE: CONSEQUENCES POUR LA PLANIFICATION DE L'AMENAGEMENT REGIONAL DE LA ZONE-TEST D'OGLATMERTEBA
 Lang.: fre. 1973. Series title: Centre d'Etudes Phytosociologiques et Ecologiques. Document. 71. 45p
 Descriptor: deserts * maps * natural vegetation * conservation * regional surveys * desertification * surveys * forage production * soil management * pastures * aid
 Geographical descriptor: Tunisia * Sahara * Africa
- 1202 *Flower, D.J*
WATER USE IN NORTH-EAST IRAN
 Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1968. Vol.1:p.599-610. Note: (In) Cambridge History of Iran by W.B. Fisher (ed.)
 Descriptor: water utilization * water resources * water management
 Geographical descriptor: Middle East * Iran * Iranian Desert
- 1203 *Fogel, M.M.; Fjolliot, P.F*
EVALUATING EFFECTS OF MANAGEMENT ON RIPARIAN ECOSYSTEMS
 Meeting or Conf.: Conference on Riparian Ecosystems and Their Management: Reconciling Conflicting Uses, Apr. 16-18, 1985, Tucson, AZ
 Lang.: eng. Fort Collins, CO: U.S. Department of Agriculture. Forest Service. 1985. p.384-388
 Descriptor: desertification * riparian ecosystems * desert biome * hydrology * analytical methods * resource management
- 1204 *Fogel, M.M.; Fjolliot, P.F*
SIMULATION OF NATURAL RESOURCE SYSTEMS
 Meeting or Conf.: Proceedings of the Symposium held in conjunction with the ASCE Convention, Denver, CO, Apr. 30-May 1, 1985
 Lang.: eng. New York: ASCE. 1985. ISBN 0-87262-449-8. Note: (In) Watershed Management in the Eighties
 Descriptor: simulation models * natural resources * watershed management
- 1205 *Foley, G.; Barnard, G*
Earthscan FARM AND COMMUNITY FORESTRY
 Lang.: eng. London: International Institute for Environment and Development. 1984. Series title: Energy Information Programme Technical Report. No.3. 236p
 Descriptor: agroforestry * forest products * economic development * deforestation * planning * environmental conservation * land management
- 1206 *Foley, J.C*
A STUDY OF METEOROLOGICAL CONDITIONS ASSOCIATED WITH BUSH AND GRASS FIRES AND FIRE PROTECTION STRATEGY IN AUSTRALIA
 Lang.: eng. 1947. Series title: Australia Commonwealth Bureau of Meteorology Bulletin (Melbourne). 38. 234p
 Descriptor: fire effects * environmental impact * meteorology * rainfall
- 1207 *Foley, J.C*
DROUGHTS IN AUSTRALIA: REVIEW OF RECORDS FROM EARLIEST YEARS OF SETTLEMENT TO 1955
 Lang.: eng. 1957. Series title: Australia Bureau of Meteorology. Bulletin (Melbourne). 43. 281p
 Descriptor: drought * history * environmental impact * climatic data
 Geographical descriptor: Australia
- 1208 *Folster, H*
FOREST-SAVANNA DYNAMICS AND DESERTIFICATION PROCESSES IN THE GRAN SABANA
 Lang.: eng. 1986. Series title: Interciencia. Vol.11(6):p.311-316. ISSN 0378-1844
 Descriptor: tropical forests * savannas * river basins * desertification * fire effects * soil fertility * environmental degradation * distribution * deforestation * roots * physico-chemical properties of soils * soil water plant relations * plant ecology
 Geographical descriptor: South America * Venezuela
- 1209 *Fomina, A.S*
NEROSINE - A CHEMICAL FOR THE STRUGGLE WITH SOIL EROSION
 Lang.: rus. Moscow, USSR: Kolos Publishing House. 1971. p.252-254. Note: (In) Zashchita pochv ot erozii (Protection of Soils from Erosion)
 Descriptor: nerosine * erosion * erosion control
- 1210 *Fontes, J.C.; Gonfiantini, R*
COMPORTEMENT ISOTOPIQUE AU COURS DE L'EVAPORATION DEUX BASSINS SAHARIENS (Isotopic Composition During Evaporation from Two Sahara Basins)
 Lang.: fre. 1967. Series title: Earth and Planetary Science Letters. Vol.3(3):p.258-266
 Descriptor: evaporation * salts * leaching * basins * saline lakes
 Geographical descriptor: Sahara * Algeria * Beni Abbas * Saoura * Melah Sebkhia * Gara Diba Guelta * Africa
- 1211 *Fontes, J.C.; et al*
PALEOCLIMATOLOGIE ISOTOPIQUE ET PALEOECOLOGIE DU LITTORAL HOLOCENE DE MAURITANIE
 Meeting or Conf.: Congres Inqua, 8E, Paris
 Lang.: fre. 1969. p.152
 Descriptor: paleoclimatology * isotopes * paleogeography * coastal areas * Holocene epoch * ecology
 Geographical descriptor: Mauritania * Africa
- 1212 *Fontes, M.R*
CONTROLLED ENVIRONMENT HORTICULTURE IN THE ARABIAN DESERT AT ABU DHABI
 Lang.: eng. 1973. Series title: Hortscience. Vol.8(1):p.13-16
 Descriptor: agriculture * agronomy * greenhouses * environmental protection
 Geographical descriptor: Middle East * Arabian Desert * Abu Dhabi
- 1213 *Food and Agriculture Organization*
AFRICAN AGRICULTURE: THE NEXT 25 YEARS
 Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1986. 7 Vols. Note: Contents: Annex 1. Socio-economic and political dimensions -- Annex 2. The land resources base -- Annex 3. Raising productivity -- Annex 4. Irrigation and water control Annex 5. Inputs supply and incentive policies -- Annex 6 Executive summary -- Annex 7. Main report
 Descriptor: agricultural production * irrigation * water resources * natural resources * food production * fertilizers * technology * food supply * transport * climate * livestock * grazing * land management * drought * fisheries * soil degradation * economic development * food policy
 Geographical descriptor: Africa
- 1214 *Food and Agriculture Organization*
CONFERENCE MINISTERIELLE REGIONALE POUR UNE POLITIQUE CONCERTEE DE LUTTE CONTRE LA DESERTIFICATION ET DE PROTECTION DE LA NATURE DANS LES PAYS DE L'AFRIQUE DE L'OUEST, DU MAGHREB ET DU SOUDAN (Regional Ministerial Conference on a Policy for Control of Desertification and Protection of the Natural Environment in West Africa, Maghreb and Sudan)
 Lang.: fre. Rome: Food and Agriculture Organization. 1984. 23p. Note: Conference held Dakar, Senegal, July 18-27, 1984
 Descriptor: desertification control
 Geographical descriptor: Sudan * Maghreb * West Africa * Africa

- 1215 *Food and Agriculture Organization. Agriculture Division*
FAO'S ACTIVITIES IN COMBATING DESERTIFICATION
 Lang.: eng. Rome: Food and Agriculture Organization. 1986. 30p
Descriptor: desertification control * reclamation * resource conservation * arid climate * water management * drought * forestry * grassland management * irrigation * economic sectors * environmental factors * international organizations * land resources * natural disasters * natural resources * primary sector * site factors * soil resources
- 1216 *Food and Agriculture Organization*
HEATHLAND AND SAND DUNE AFFORESTATION
 Lang.: eng. Rome: Food and Agriculture Organization. 1974. 239p. Note: Report on the FAO/DANDIA Interregional Training Centre, Denmark and Libya, Aug. 26-Sept. 21, 1973
Descriptor: dunes * soil stabilization * afforestation * shelterbelts * sand control * synthetic elastomers * wind action * eolian soils * plant establishment
Geographical descriptor: Africa * Libya
- 1217 *Food and Agriculture Organization. Agriculture Division*
IMPROVING PRODUCTIVITY OF DRYLAND AREAS
 Lang.: ara. UN Doc. no.: FAO-AGD-COAG/87/7. Rome: Food and Agriculture Organization. Jan. 1987. 22p. Note: Also in Chinese, English, French, Spanish; FAO Committee on Agriculture, Session 9, Rome, Italy, 23 Mar.- 1 Apr. 1987
Descriptor: arid land * land productivity * dry farming * marginal land * desertification * climatic zones * cropping systems * environmental surveys * natural disasters * production factors * site factors
- 1218 *Food and Agriculture Organization*
LAND AND WATER RESOURCES SURVEY IN THE JEBEL MARRA AREA, SUDAN Final Report
 Lang.: eng. Rome: Food and Agriculture Organization. 1968. Series title: UNDP/SF Report. 26/SUD/17. 129p
Descriptor: environmental surveys * land use * water resources * resource development * planning * economic development * forestry * transportation
Geographical descriptor: Sudan * Africa
- 1219 *Food and Agriculture Organization*
METHODE PROVISOIRE D'EVALUATION ET DE CARTOGRAPHIE DE LA DESERTIFICATION (Provisional Method of Evaluating and Mapping Desertification)
 Lang.: fre. UN Doc. no.: DOC/FI/16 877. Rome: Food and Agriculture Organization. 1984. 70p
Descriptor: environmental surveys * desertification * mapping * developing countries
- 1220 *Food and Agriculture Organization*
NATURAL RESOURCES AND THE HUMAN ENVIRONMENT FOR FOOD AND AGRICULTURE
 Lang.: eng. 1980. Series title: FAO Environment Paper. No.1. 62p
Descriptor: natural resources * environmental management * population pressure * agriculture * world resources * environmental impact
- 1221 *Food and Agriculture Organization; Mauritania. Forestry Department* *Ministere du Developpement Rural. Direction de la Protection de la Nature*
PROGRAMME DE STABILISATION ET DE FIXATION DES DUNES EN REPUBLIQUE ISLAMIQUE DE MAURITANIE. EVALUATION SOCIO-ECONOMIQUE ET FINANCIERE DE LA 1ERE PHASE, 1983-1986. (Dune Stabilization and Fixation Programme in the Islamic Republic of Mauritania. Socio-economic and Financial Evaluation of the First Phase, 1983-1986)
 Lang.: fre. UN Doc. no.: FAO-FO-072. Rome: Food and Agriculture Organization. 1986. 3 Vols. Note: V.1: Rapport Principal; V.2: Annexes; V.3: Photo-Interpretation des Modes d'Occupation de l'Espace de Cinq Sites-Echantillon
Descriptor: soil stabilization * erosion control * soils * dunes * desertification * development * Palmae * photointerpretation * economic analysis * monocotyledons * natural disasters * soil types * profitability * site factors * soil management
Geographical descriptor: Mauritania * Francophone Africa * Africa
- 1222 *Food and Agriculture Organization. World Food Programme*
PROJECT SUMMARY: REFORESTATION AND SOIL CONSERVATION IN THE PROVINCE OF WOLLO Proj. no.: Ethiopia Project 2097
 Lang.: eng. Rome: Food and Agriculture Organization. World Food Programme. 1974
Descriptor: reforestation * soil conservation
Geographical descriptor: Ethiopia * Africa
- 1223 *Food and Agriculture Organization*
REPORT OF AN EXPERT CONSULTATION ON THE FORMULATION OF AN INTERNATIONAL PROGRAMME ON THE ECOLOGICAL MANAGEMENT OF ARID AND SEMI-ARID RANGELANDS IN AFRICA AND THE NEAR EAST
 Lang.: eng. Rome: Food and Agriculture Organization. 1974. 52p. Note: Held in Rome, 27-31 May 1974, with the support of the United Nations Environment Programme
Descriptor: desertification * rangelands * planning * ecology * developing countries
Geographical descriptor: Africa * Middle East
- 1224 *Food and Agriculture Organization*
REPORT ON SURVEY OF THE AWASH RIVER BASIN 2: Soils and Agronomy
 Lang.: eng. Rome: Food and Agriculture Organization. 1965. Series title: UNDP/SF Report. No.10
Descriptor: soil types * agronomy * river basins * cultivation * irrigation * plateaus * faults * maps * topography * alluvial land
Geographical descriptor: Ethiopia * Awash River Basin * Rift Valley * Africa
- 1225 *Food and Agriculture Organization; Swedish International Development Authority*
REPORT ON THE SAHELIAN ZONE: A SURVEY OF THE PROBLEM OF THE SAHELIAN ZONE WITH A VIEW TO DRAWING UP A LONG TERM STRATEGY AND A PROGRAMME FOR PROTECTION, RESTORATION AND DEVELOPMENT
 Lang.: eng. Rome: Food and Agriculture Organization. Swedish International Development Authority. 1974. 140p
Descriptor: drought * desertification * planning * economic development * regional surveys
Geographical descriptor: Sahel * Upper Volta * Mali * Senegal * Africa
- 1226 *Food and Agriculture Organization. Agricultural Division*
SAVANNA DEVELOPMENT, SUDAN. Preliminary operations mission report to merge the previous requests: Land and Water Resources of South Kordofan SUD/25; Planning the Integrated Water and Agricul. Develop. of the Savanna Belt in the Sudan SUD/38
 Lang.: eng. UN Doc. no.: UNDP/SF Project Sud/25. Rome: Food and Agriculture Organization. Agricultural Division. 1969. 112p
Descriptor: savannas * planning * water resources * resource development * land use
Geographical descriptor: Sudan * Kordofan * Africa
- 1227 *Forbes, R.H.*
THE EXPANDING SAHARA
 Lang.: eng. Tucson, AZ: University of Arizona. 1958. Series title: Physical Science Bulletin. No.3. 28p
Descriptor: desertification * fire effects * grazing effects * land use
Geographical descriptor: Sahara * Sahel * Africa
- 1228 *Forestier Walker, C.D.; Barbovitch, I.H.; Smith, M.R.C.*
ART OF LIVING WITH DESERTIFICATION - PILOT PROJECT IN WATER HARVESTING
 Meeting or Conf.: Appropriate Technology in Civil Engineering, Proceedings, Apr. 14-16, 1980
 Lang.: eng. London, U.K.: T. Telford. 1981. p.164-166. ISBN 0-7277-0100-2. Note: (In) Appropriate Technology in Civil Engineering
Descriptor: desertification * water harvesting

- 1229 **Forte, F**
TEN PARADOXES FACING AFRICAN COUNTRIES
Lang.: eng. 1986. Series title: *Atlantic Economic Journal*.
Vol.14:p.1-7
Descriptor: economic conditions * food supply * economic analysis * economic assistance
Geographical descriptor: Africa
- 1230 **Fosbrooke, H.A**
SOME SOCIOLOGICAL FACTORS IN THE DROUGHT SITUATION IN AFRICA
Lang.: eng. London, U.K.: University of London. Centre for African Studies. 1973. p.98-102. Note: (In) *Drought in Africa* by D. Dalby and R.J. Harrison Church (eds.), 124p
Descriptor: desertification * human activity * populations * carrying capacity * agriculture * land use * reclamation * planning * drought * social aspects * overgrazing
Geographical descriptor: Africa
- 1231 **Franji, K.K**
DROUGHT ALLEVIATION AND MANAGEMENT
Lang.: eng. Jul. 1986. Series title: *ICID Bulletin of International Comm. Irrigation and Drainage*. Vol.35(2):p.1-13
Descriptor: drought * drought control
- 1232 **Francis, G**
ENVIRONMENT AND DEVELOPMENT, PHASE III: PROSPECTIVE AND ECODEVELOPMENT: STRATEGIES FOR ACTION: REPORT OF A WORKSHOP
Lang.: eng. Ottawa: Canadian International Development Agency. 1978. iii, 21p
Descriptor: environmental conservation * economic development * natural resources * aid
- 1233 **Frandenberg, P**
ZUR LANDSCHAFTSDEGRADATION IN SUDOSTTUNESIEN (Landscape Degradation in Southeast Tunisia)
Lang.: ger. 1983. p.58-59. ISBN 3515039910. Note: (In) *Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. Akademie der Wissenschaften und der Literatur, Jahrg*
Descriptor: land degradation * desertification * landscape * landscape assessment
Geographical descriptor: Africa * Tunisia
- 1234 **Franquin, P**
METEOROLOGY AND CROP PLANNING IN THE SAHEL
Lang.: fre. June-Aug. 1985. Series title: *La Meteorologie*. p.1-7. ISSN 0026-1181
Descriptor: agroclimatology * irrigation * drought * humidity * rain
Geographical descriptor: Africa
- 1235 **Frasier, G.W. (ed.)**
WATER HARVESTING SYMPOSIUM, MARCH 26-28, 1974, PHOENIX, ARIZONA, PROCEEDINGS
Lang.: eng. U.S. Dept. of Agriculture. Research Service. 1975. 329p
Descriptor: water harvesting * runoff water * rain * water storage * water quality * water yield improvement * soil sealants * soil treatment * soil compaction * seepage * catchments * runoff farming * atmospheric precipitation * water repellent soils * reservoirs * hydrological models * evaporation * surface water * plant growth
Geographical descriptor: Arizona
- 1236 **Fredsoe, J**
FORMATION OF RIPPLES, DUNES, AND ANTIDUNES IN RIVER BEDS
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.327-343. ISBN 90-247-3292-1. Note: (In) *Physics of Desertification* by F. El Baz and M.H.A. Hassan (eds.), 473p
Descriptor: ripples * dunes * riverbeds * desertification
- 1237 **Fredsoe, J**
SHAPE AND DIMENSIONS OF DUNES IN OPEN CHANNEL FLOW
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.385-397. ISBN 90-247-3292-1. Note: (In) *Physics of desertification* by F. El Baz and M.H.A. Hassan (eds.), 473p
Descriptor: dunes * sand movement
- 1238 **Freer, P**
NON-AGRICULTURAL LAND USE AND DESERTIFICATION
Lang.: eng. 1978. Series title: *Search*. Vol.9(7):p.276-280
Descriptor: desertification * land use * recreation * mining * planning * environmental impact * productivity * site factors * plant establishment * settlements * dunes
Geographical descriptor: Australia * Ayers Rock
- 1239 **Freile, A**
METEOROLOGIA Y CLIMATOLOGIA TROPICAL Y DE VENEZUELA (Tropical and Venezuelan Meteorology and Climatology)
Lang.: spa. Caracas, Venezuela: Ministerio de Defensa, Seccion de Geografia. 1963. 429p
Descriptor: tropics * climate * climatology * meteorology
Geographical descriptor: Venezuela * South America
- 1240 **Freile, A**
REGIONES CLIMATICAS DE VENEZUELA (Climatic Regions of Venezuela)
Lang.: spa. Caracas: Editorial Sucre. 1969
Descriptor: aridity index * climatic zones * climatology * Koepens climatic classification
Geographical descriptor: Venezuela * South America
- 1241 **Freise, F.W**
THE DROUGHT REGION OF NORTHEASTERN BRAZIL
Lang.: eng. 1938. Series title: *Geographical Review*. Vol.28:p.363-378
Descriptor: drought
Geographical descriptor: Brazil * South America
- 1242 **French, N.H**
GRASS SEEDING IN THAR, WEST PAKISTAN
Lang.: eng. 1968. Series title: *Annals of Arid Zone*. Vol.7(2):p.221-229
Descriptor: arid land * desertification * grazing * plant establishment * revegetation * livestock * forage production * productivity * carrying capacity
Geographical descriptor: Pakistan * Thar Desert
- 1243 **French, N.H**
RANGE MANAGEMENT, WEST PAKISTAN, 1962-1968
Lang.: eng. U.S. Agency for International Development. Range Management Advisor to the government of West Pakistan. 1968. Note: Report (processed)
Descriptor: range management * rangelands
Geographical descriptor: Pakistan
- 1244 **Frere, M.; Popov, G.F**
AGROMETEOROLOGICAL CROP MONITORING AND FORECASTING
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1979. Series title: *FAO Plant Production and Protection Paper*. No.17. iii, 64p
Descriptor: plant production * climate * monitoring * environmental impact * plant ecology * rainfall * soil surveys * forecasting * meteorology
Geographical descriptor: Algeria * Bangladesh * Senegal * Ethiopia * Nepal * Argentina * Tanzania * Africa

- 1245 *Fresson, S*
LA LUTTE CONTRE LA DESERTIFICATION DANS LES PAYS DU SAHEL: L'EXPERIENCE FRANCAISE (The Struggle Against Desertification in Sahelian Countries: The French Experience)
Lang.: fre. Etudes et Documents. Service des Etudes et Questions Internationales, Ministere de la Cooperation. 1980. 43:p.1-73
Descriptor: desertification control * desertification * development aid
Geographical descriptor: Africa * Sahel
- 1246 *Freykin, Z.G*
MEANS FOR THE ECONOMIC DEVELOPMENT OF CENTRAL ASIA AND KAZAKHSTAN DESERTS
Lang.: eng. 1967. Series title: Problems of Desert Development. No.2:p.8-17. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: deserts * economic development
Geographical descriptor: Kazakh SSR * USSR
- 1247 *Frick, G*
DISTRIBUCION DE LAS LLUVIAS EN CHILE DURANTE LOS ULTIMOS 46 ANOS (Rainfall Distribution in Chile During the Last 46 Years)
Lang.: spa. 1970. Series title: Scientia (Valparaiso). Vol.36(139):p.50-54
Descriptor: rainfall * drought * weather patterns * solar radiation
Geographical descriptor: South America * Chile
- 1248 *Fries, J.; Ohlsson, B.; Thunberg, J.; et al*
FORESTRY FOR LOCAL DEVELOPMENT. WORKSHOP IN GARPENBERG, SWEDEN, DECEMBER 14-17, 1981
Lang.: eng. 1982. Series title: Swedish University of Agricultural Sciences. International Rural Development Centre. Working Papers. No.6:p.1-76
Descriptor: rural development * agricultural production * forestry * integration * developing countries
- 1249 *Fritts, H.C.; et al*
MULTIVARIATE TECHNIQUES FOR SPECIFYING TREE-GROWTH AND CLIMATE RELATIONSHIPS AND FOR RECONSTRUCTING ANOMALIES IN PALEOCLIMATE
Lang.: eng. 1971. Series title: Journal of Applied Meteorology. Vol.10(5):p.845-864
Descriptor: atmospheric precipitation * analytical methods * dendrochronology * climatic data * history * plant growth * environmental impact * time measurement * paleoclimatology
Geographical descriptor: North America
- 1250 *Fritts, H.C.; et al*
RECONSTRUCTION OF PAST CLIMATIC VARIABILITY Final Technical Report, June 30, 1972-Sept. 30, 1975
Lang.: eng. Tucson, AZ: University of Arizona. Laboratory of Tree-Ring Research. 1976. 148p
Descriptor: climatic change * paleoclimatology * dendrochronology * tree rings * sites * environmental variability
- 1251 *Fritts, H.C*
TREE-RING EVIDENCE FOR CLIMATIC CHANGES IN WESTERN NORTH AMERICA
Lang.: eng. 1965. Series title: Monthly Weather Review. Vol.93(7):p.421-443
Descriptor: dendrochronology * climatology * drought * analytical methods * climatic change
Geographical descriptor: Southwestern U.S. * Western U.S. * Western Canada
- 1252 *Fryberger, S.G*
DUNE FORMS AND WIND REGIME, MAURITANIA, WEST AFRICA: IMPLICATIONS FOR PAST CLIMATE
Lang.: eng. 1980. Series title: Palaeoecology of Africa. Vol.12:p.79-96. ISSN 0078-8538. Note: (In) Sahara and Surrounding Seas: Sediments and Climatic Changes by M. Sarnthein, E. Seibold, and P. Rognon (eds.)
Descriptor: climatic change * dune morphology * dunes * winds * climate
Geographical descriptor: Mauritania * Africa
- 1253 *Fuchs, F*
LOS CAMBIOS DE CLIMA EN EL MUNDO. POSIBLES CAUSAS DEL CAMBIO DE CLIMA EN LA COSTA DEL PERU (Climatic Changes in the World. Possible Causes of Climatic Change on the Peruvian Coast)
Lang.: spa. 1937. Series title: Sociedad Geografica de Lima. Boletin. Vol.54:p.159-169
Descriptor: deserts * coastal areas * climatic change * climatology
Geographical descriptor: Peru * South America
- 1254 *Fuenzalida, H.; Ulriksen, P.; Rullant, J*
EVALUACION CRITICA DEL PROGRAMA M.E.T.A. (Critical Evaluation of the META Program)
Lang.: spa. Santiago, Chile: Universidad de Chile. Departamento de Geofisica y Geodesia. 1968. 16p
Descriptor: atmospheric precipitation * weather modification * cloud seeding
Geographical descriptor: South America * Chile
- 1255 *Fuerhring, H.D*
UTILIZATION OF WATER IN A SEMI-ARID REGION
Lang.: eng. Las Cruces, NM: New Mexico Water Resources Research Institute. 1975. Series title: WRRR Report. No.59. 35p
Descriptor: water management * marginal lands * deserts * watersheds * rainfall * water use * dry farming
Geographical descriptor: New Mexico
- 1256 *Fuller, T.D*
RESETTLEMENT AS A DESERTIFICATION CONTROL MEASURE. A CASE STUDY IN DARFUR REGION, SUDAN. PART 1. REVIEW OF THE PROBLEM
Lang.: eng. 1987. Series title: Agricultural Administration and Extension. Vol.25(4):p.215-234
Descriptor: desertification * drought * migration * settlements
Geographical descriptor: Sudan * Africa * Sahel * Darfur
- 1257 *Fuller, T.D*
RURAL-TO-URBAN POPULATION REDISTRIBUTION
Lang.: eng. New York: UNFPA. 1979. Series title: Policy Development Studies. No.2:p.24-48. Note: (In) Population Redistribution: Patterns, Policies and Prospects
Descriptor: migration * economic development * demography * housing and shelter * transport
- 1258 *Furness, F.N. (ed.)*
SOLAR VARIATIONS, CLIMATIC CHANGE, AND RELATED GEOPHYSICAL PROBLEMS
New York: New York Academy of Sciences. 1961. Series title: Annals. Vol.95(1):p.1-740
Descriptor: solar radiation * climatic change * geophysics
- 1259 *Gabay, V.S.; Podgornov, A.S.; Shanshina, V.A*
REKOMENDATSII PO PRIMENENIYU NEROZINA DLYA ZAKREPLENIYA I ZARASHCHIVANIYA POSVIZHNYKH PESKOV V POLUPUSTYNNYKH I PUSTYNNYKH RAYONAKH SSSR (Recommendations on the Use of Nerosine for the Fixing and Planting on Shifting Sands in Semi-Desert and Desert Regions in the USSR)
Lang.: rus. Volgograd, USSR: Vnialmi. 1973. 13p
Descriptor: nerosine * sand control * semidesert * deserts
Geographical descriptor: USSR
- 1260 *Gabriel, B*
GEOGRAPHISCHER WANDEL IN DER OASE BEN GALOUF (SUEDTUNESIEN) (Geographical change in the Ben Galouf Oasis (Southern Tunisia))
Lang.: ger. 1977. Series title: Stuttgarter Geographische Studien. Vol.91:p.167-211
Descriptor: oases * social aspects * migration * economic impact * Palmae * cultural geography * pastures * artesian wells * livestock
Geographical descriptor: Tunisia * Sahara * Africa

- 1261 **Gabriel, B**
NEUERE ERGEBNISSE DER
VORGESCHICHTSFORSCHUNG IN DER OESTLICHEN
ZENTRALSAHARA
Lang.: eng. 1972. Series title: Berliner Geographische
Abhandlungen. Vol.16:p.153-156
Descriptor: prehistory * wildlife * climatic change
Geographical descriptor: Sahara * Tibesti * Africa
- 1262 **Gabriel, B**
PROBLEMS AND RESULTS OF PREHISTORY IN THE
PROGRAMME OF THE BARDAI RESEARCH CENTRE
(TIBESTI)
Lang.: eng. 1974. Series title: Fu Pressdienst Wissenschaft
(Berlin). Vol.5(74):p.92-106
Descriptor: prehistory * archaeology * nomads * aridity *
ethnology
Geographical descriptor: Tibesti * Chad * Africa
- 1263 **Gabriel, B**
STEINPLAETZE: FEUERSTELLEN NEOLITHISCHER
NOMADEN IN DER SAHARA
Lang.: ger. 1973. Series title: Libya: Anthropologie,
Prehistoire, Ethnographie (Algiers). Vol.21:p.151-168
Descriptor: pastoralism * archaeology * nomads * ecology *
prehistory
Geographical descriptor: Sahara * Africa
- 1264 **Gabriel, B**
TERRASSENENTWICKLUNGUND VORGESCHICHTLICHE
UMWELTBEDINGUNGEN IN ENNERI DIRENNAO
(TIBESTI, OESTLICHE ZENTRALSAHARA)
Lang.: ger. 1972. Series title: Zeitschrift fuer Geomorphologie,
N.S. Supplementband 15:p.113-128
Descriptor: marine geology * paleoclimatology * terraces *
geomorphology * ecology * prehistory
Geographical descriptor: Tibesti Mountains * Chad * Sahara *
Africa
- 1265 **Gabriel, B**
ZUM OEOKOLOGISCHEN WANDEL IM NEOLITHIKUM DER
OESTLICHEN ZENTRALSAHARA (Ecological change in the
neolithic period of the Eastern Central Sahara)
Lang.: ger. 1977. Series title: Berliner Geographische
Abhandlungen. Vol.27. 9p
Descriptor: stone age * terrain analysis * climatic vegetal
relationships * geomorphology * history * cultural geography *
stony deserts * relict vegetation * fossils * fauna *
bioclimatology * biogeography * sedimentation
Geographical descriptor: Sahara * Chad * Libya * Tibesti *
Africa
- 1266 **Gabriel, K.R**
ISRAELI ARTIFICIAL RAINFALL STIMULATION
EXPERIMENT: STATISTICAL EVALUATION FOR THE
PERIOD 1961-1965
Meeting or Conf.: Symposium on Mathematical Statistics and
Probability, 5th, Berkeley, CA, 1965-1966, Proceedings
Lang.: eng. 1967. Vol.5:p.91-113
Descriptor: weather modification * artificial precipitation * cloud
seeding * rainfall
Geographical descriptor: Israel * Middle East
- 1267 **Gad, A.; Daels, L**
ASSESSMENT OF DESERTIFICATION IN THE LOWER
NILE VALLEY (EGYPT) BY AN INTERPRETATION OF
LANDSAT MSS COLOUR COMPOSITES AND AERIAL
PHOTOGRAPHS
Meeting or Conf.: Proceedings of the International Symposium
on Remote Sensing for Resources Development and
Environmental Management 7th, Vol. 2, Enschede, The
Netherlands, Aug. 25-29, 1986
Lang.: eng. 1986. p.599-605. ISBN 90-6191-676-3. Note: (In)
Remote Sensing for Resources Development and Environment
Management by M.C.J. Damen, G. Smit, G. Sicco, et al, (eds.)
Descriptor: desertification * Landsat * satellites * aerial
photography
Geographical descriptor: Nile Valley * Egypt * Africa
- 1268 **Gad, A.; Daels, L**
ASSESSMENT OF SOIL DEGRADATION IN AN ARID
REGION USING REMOTE SENSING
Lang.: eng. Aug. 1986. Note: (In) ESA Proceedings of the 1986
International Geoscience and Remote Sensing Symposium
(IGARSS '86) on Remote Sensing: Today's Solutions for
Tomorrow's Information Needs
Descriptor: soil degradation * arid land * remote sensing *
satellite imagery * soil erosion * soil mapping * technology
assessment * desertification * Landsat * satellites * multispectral
imagery * photointerpretation * soil science
Geographical descriptor: Egypt * Africa
- 1269 **Gaddas, N.; Jalet, T**
CARTE DES ZONES TRAITÉES CONTRE LA
DESERTISATION: TUNISIE CENTRALE ET MERIDIONALE
Lang.: fre. 1976. Series title: Sols de Tunisie. Vol.8:p.72-90
Descriptor: desertification * sand control * maps * soil maps *
plant establishment * planning * conservation * natural
resources
Geographical descriptor: Tunisia * Sahara * Africa
- 1270 **Gael, A.G**
SANDY SOILS OF DIFFERENT AGE IN THE ARID
REGIONS OF THE USSR (FIRST REPORT)
Lang.: eng. New York: Allerton Press. 1988. Series title:
Problems of Desert Development. No.1:p.1-8. ISSN 0278-4750.
Note: Translated from: Problemy Osvoeniya Pustyn (1988,
No.1:p.3-10)
Descriptor: sandy soils * arid regions * semiarid lands * soil
formation * physico-chemical properties of soils * soil types *
soil surveys
Geographical descriptor: USSR
- 1271 **Gaete, A**
ANALISIS ESTADISTICO DEL COMPORTAMIENTO DE LAS
PRECIPITACIONES EN EL ALTIPLANO DE
ARICA (Statistical Analysis of Rainfall in the Altiplano of Arica,
Chile)
Lang.: spa. 1974. Series title: Norte Grande. Vol.1(2):p.169-181
Descriptor: plateaus * rainfall * weather patterns * analytical
methods * rainfall intensity
Geographical descriptor: Altiplano of Africa * Chile * South
America
- 1272 **Galindo Almanza, S.; Garcia Moya, E**
THE USES OF MESQUITE (PROSOPIS SPP.) IN THE
HIGHLANDS OF SAN LUIS POTOSI, MEXICO
Lang.: eng. 1986. Series title: Forest Ecology and Management.
Vol.16(1-4):p.49-56
Descriptor: trees * agroforestry * semiarid lands * Prosopis
laevigata * Prosopis glandulosa * forest products
Geographical descriptor: Mexico * San Luis Potosi
- 1273 **Galindo, V.E**
NECESIDAD DE ESTUDIAR LA DESERTIFICACION EN ICA
INCLUYE SUELO DE DESIERTO, PERU (Need to Study
Desertification in ICA, Includes Desert Soil, Peru)
Lang.: spa. Sept. 1983. Series title: Cuadernos de Ciencias
Sociales. No.3:p.31-37
Descriptor: desertification * aridisols
Geographical descriptor: Peru * South America
- 1274 **Gallais, J. (ed.)**
COMPTE RENDU DU SEMINAIRE SUR LA GESTION DES
TERRES ARIDES EN AFRIQUE DE L'OUEST (Proceedings of
the seminar on the management of arid lands in West Africa)
Meeting or Conf.: Seminar on the Management of Arid Lands
in West Africa, organized by the United Nations University, UN
Office for the Sudano-Sahelian Region, and the Univ. of
Ouagadougou, 26-29 Jan. 1981, Proceedings
Lang.: fre. Tokyo: United Nations University. 1982. 80p.
ISBN 92-808-0421-9. Note: Also available in English
Descriptor: land management * land use * arid land
Geographical descriptor: West Africa * Africa

- 1275 *Galmarini, A.G.; Raffo Del Campo, J.M.*
CONDICIONES DE ARIDEZ Y HUMEDAD DE LA REPUBLICA ARGENTINA (Conditions of Aridity and Humidity in Argentina)
Meeting or Conf.: International Conference on Water for Peace, Washington, D.C., May 23-31, 1967
Lang.: spa. 1968. Series title: Water for Peace. Vol.4:p.481-493
Descriptor: climate * aridity * aridity index * humidity * water balance * maps
Geographical descriptor: Argentina * South America
- 1276 *Galmarini, A.G.*
INVESTIGACIONES SOBRE LA EXISTENCIA DE POSIBLES CAMBIOS DE CLIMA EN LA PATAGONIA (Study of Possible Climatic Changes in Patagonia)
Lang.: spa. 1965. Series title: Argentina. Consejo Nacional de Desarrollo (Buenos Aires) Proyectos Especiales. 14. 25p
Descriptor: climatic change
Geographical descriptor: Patagonian Desert * Argentina * South America
- 1277 *Galmarini, A.G.; Raffo Del Campo, J.M.; Amigo, A.*
INVESTIGATION OF POSSIBLE CHANGES IN THE CLIMATE OF PATAGONIA; OVER-GRAZING IN THE PATAGONIA REGION: ITS CAUSES AND PROPOSED SOLUTIONS
Meeting or Conf.: International Conference on Water for Peace, Washington, D.C., May 23-31, 1967
Lang.: eng. 1968. Series title: Water for Peace. Vol.2:p.721-728
Descriptor: climatic change * grazing * climatic data * erosion * livestock * regional surveys * climatic vegetal relationships
Geographical descriptor: Patagonian Desert * South America * Argentina
- 1278 *Gangbaine, S.L.*
LA LUTTE CONTRE L'ENSABLEMENT ET LA DESERTIFICATION DANS LA VALLEE DU DRAA, SUD-EST MAROCAIN, PROVINCE DE OUARZAZATE. BILAN GENERAL DE LUTTE (Struggle Against the Sanding and Desertification of the Valley of Draa, Moroccan South-east, Province of Ouarzazate. Evaluation of the Efforts)
Lang.: fre. Rabat, Morocco: Memoire. Oct 1984. 222p. Note: Summary language: Arabic, English, French
Descriptor: desertification * natural disasters
Geographical descriptor: Morocco * Draa Valley * Ouarzazate Province * North Africa * Francophone Africa * Africa
- 1279 *Ganguly, J.K.; Kaul, R.N.*
WIND EROSION CONTROL
Lang.: eng. 1969. Series title: Indian Council of Agricultural Research. Technical Bulletin. Vol.20. 57p
Descriptor: wind erosion * soil erosion * soil conservation * windbreaks * trees * shrubs * grasses * dunes * afforestation * plant cover * erosion control * sand
- 1280 *Ganssen, R.*
BOEDEN UND LANDSCHAFT IN SUEDEWESTAFRIKA (Soil and Landscape in Southwest Africa)
Meeting or Conf.: International Congress of Soil Science, 7th, Madison, WI, Transactions
Lang.: ger. 1960. Vol.4:p.49-55
Descriptor: soil types * wind erosion * soil erosion * clay * saline soils * grazing * takyrs soils
Geographical descriptor: Namibia * Africa
- 1281 *Ganssen, R.*
DIE BOEDEN (The Soils)
Lang.: ger. Munich: Weltforum Verlag. 1971. vol.1, p.389-404. Note: (In) Die Sahara und ihre Randgebiete by H. Schiffers (ed.)
Descriptor: soil formation * vegetation * groundwater * soil erosion * salinity * irrigation water * grazing * weathering * sedimentation * water shortage * coastal areas * artesian wells * flood plains
Geographical descriptor: Sahara * Africa
- 1282 *Gao, Z.*
THE MAIN CHARACTER AND THE GENESIS OF THE CHIFENG DESERT, CHIFENG DISTRICT
Lang.: chi. 1985. Series title: Journal Changchun College of Geology. Vol.41(3):p.57-62
Descriptor: deserts * desertification
Geographical descriptor: Hebei * Chifeng District * China
- 1283 *Gapsurov, M.*
TRANSFORMATION OF TURKMENISTAN DESERTS
Lang.: eng. 1973. Series title: Problems of Desert Development. No.1:p.3-7. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: deserts * revegetation
Geographical descriptor: Turkmen SSR * USSR
- 1284 *Garbell, M.A.*
THE JORDAN VALLEY PLAN
Lang.: eng. 1965. Series title: Scientific American. Vol.212(3):p.23-31
Descriptor: water resources * resource development
Geographical descriptor: Jordan Valley * Israel * Middle East * Jordan * Lake Tiberias
- 1285 *Garcia Casteneda, F.*
A SYNOPTIC VIEW OF DESERTIFICATION IN MEXICO
Lang.: eng. Kinsington, Australia: University of New South Wales. School of Geography. 1980. p.89-91. Note: (In) The Threatened Drylands: Regional and Systematic Studies of Desertification by J.A. Mabbutt and S.M. Berkowicz (eds.), 153p
Descriptor: desertification control * projects * environmental surveys * review
Geographical descriptor: Mexico
- 1286 *Garcia, C.*
LA METEOROLOGIA BAJO LOS INCAS (Meteorology Under the Incas)
Lang.: spa. 1963. Series title: Sociedad Geografica de Lima. Boletin. Vol.81:p.86-89
Descriptor: meteorology * history * Incan civilization
- 1287 *Gardner, J.L.*
EFFECTS OF THIRTY YEARS OF PROTECTION FROM GRAZING IN DESERT GRASSLAND
Lang.: eng. 1950. Series title: Ecology. Vol.31(1):p.44-50
Descriptor: grazing * desert grassland * grasslands * grassland biome * erosion control * arroyos * plant cover * drought * environmental impact * vegetation change * *Hilaria mutica*
Geographical descriptor: New Mexico
- 1288 *Gardner, J.L. (ed.); Myers, L.E. (ed.)*
WATER SUPPLIES FOR ARID REGIONS
Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. Committee on Desert and Arid Zones Research. 1967. 62p
Descriptor: arid land * water supply * water transfer * desalination * cloud seeding * runoff * water conservation * water reuse * water yield * saline water * environmental engineering
- 1289 *Garofalo, M.A.*
DESERTIFICATION ENDANGERS AGRICULTURE
Lang.: por. Rio de Janeiro, Brazil: Bloch Editores. 1981. Series title: Agricultura de Hoje. Vol.7(74):p.18-21
Descriptor: desertification * agriculture
Geographical descriptor: Brazil * South America
- 1290 *Gasse, F.; Rognon, P.*
LE QUATERNAIRE DES BASSINS LACUSTRES DE L'AFRIQUE
Lang.: fre. 1973. Series title: Revue de Geographie Physique et Geologique Dynamique. Vol.15(2-4):p.405-414
Descriptor: Quaternary period * lakes * geomorphology * paleontology * sediments * diatoms
Geographical descriptor: Algeria * Africa

- 1291 *Gasse, F*
NOUVELLES OBSERVATIONS SUR LES FORMATIONS LACUSTRES QUATERNAIRES DANS LA BASSE VALLEE DE L'AWASH ET QUELQUES GRABENS ADJACENTS (New Observations on the Quaternary Lacustrine Formations in the Lower Awash Valley and Some Adjacent Grabens)
Lang.: fre. 1974. Series title: Revue de Geographie Physique et de Geologie Dynamique. Vol.16(1):p.101-118
Descriptor: aid * Holocene epoch * graben geology * flood plains * environmental impact * erosion * hydrology * terrain analysis * glacial geology * groundwater * lakes * phytogeography * relict landforms
Geographical descriptor: Awash Valley * Ethiopia * Africa
- 1292 *Gasse, F.; Fontes, J.C.; Rognon, P*
VARIATIONS HYDROLOGIQUES ET EXTENSION DES LACS HOLOCENES DU DESERT DANAKIL (Hydrologic Variations and the Extent of the Holocene Lakes in the Danakil Desert)
Lang.: fre. 1974. Series title: Paleogeography, Palaeoclimatology, Palaeoecology. Vol.15(2):p.109-148
Descriptor: aid * hydrology * Holocene epoch * lake basins * groundwater * basalt * coastal areas * techniques * sedimentation * water analysis * climatic data * climatic change * regional surveys * meteorological data * turbidity * alluvium * flood plains * sediment yield * geochronology * stratigraphy
Geographical descriptor: Danakil * Ethiopia * Africa
- 1293 *Gastro, J*
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Lang.: spa. Santiago, Chile: Universidad de Chile. Facultad de Agronomia. 1966. 17p
Descriptor: atmospheric precipitation * climatic zones * rainfall * weather patterns
Geographical descriptor: Chile * South America
- 1294 *Gat, J.R*
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Lang.: eng. 1980. Series title: Hydrology Sciences Bulletin. Vol.25(3):p.257-267
Descriptor: water quality * precipitation
- 1295 *Gates, D.H*
PEOPLE ASPECTS OF RANGE MANAGEMENT IN LESS DEVELOPED COUNTRIES
Meeting or Conf.: Society for Range Management, 33rd Annual Meeting, San Diego, CA, Feb. 11-14, 1980, Abstracts and Position Statements
Lang.: eng. Denver, CO: Society for Range Management. 1980. p.4. Note: Abstracts only. Complete paper available from the author (U.S. Agency for International Development, Washington, D.C., 20523)
Descriptor: rangelands * environmental degradation * human activity * developing countries * desertification * range management
- 1296 *Gathara, G.N*
NATIONAL RURAL AFFORESTATION POLICY
Lang.: eng. Nairobi, Kenya: Kenya Energy Non-Governmental Organization Association. 1982? p.21-24. Note: (In) Tree Planting and Agroforestry in Semi-Arid Zones of Kenya
Descriptor: afforestation * environmental law
Geographical descriptor: Kenya * Africa
- 1297 *Gausson, H.; Bagnouls, M.F*
CARTE DES PRECIPITATIONS: MOYENNE ANNUELLE RAMENEE A LA PERIODE 1913-47, ECHELLE 1:500,000, ALGERIE OCCIDENTALE ET ORIENTALE (Map of the Mean Annual Precipitation of Western and Eastern Algeria for the 1913-47 Period at a Scale of 1:500,000)
Lang.: fre. Paris: Institut Geographique National. 1948. Scale 1:500,000
Descriptor: maps * atmospheric precipitation * climatic data
Geographical descriptor: Morocco * Africa
- 1298 *Gausson, H.; Debrach, J.; Joly, F*
PRECIPITATIONS ANNUELLES
Lang.: fre. Comite de Geographie du Maroc. 1958. 36p. Note: (In) Notices Explicatives 2: Physique du Globe et Meteorologie, Pluviometrie
Descriptor: atmospheric precipitation * climatic data
Geographical descriptor: Morocco * Africa
- 1299 *Gavand, M*
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Lang.: fre. Paris: ORSTOM. 1986. Series title: Catena (Giessen). Vol.13(4):p.391-406. ISSN 0341-8162
Descriptor: soils * ORSTOM
Geographical descriptor: Africa
- 1300 *Gavrilovic, D*
DIE UEBERSCHWEMMUNGEN IM WADI BARDAGUE IM JAHR 1968, TIBESTI, REPUBLIQUE DU TCHAD (The Floods in the Wadi Bardague in 1968)
Lang.: ger. 1970. Series title: Zeitschrift fuer Geomorphologie. Vol.14(2):p.202-218
Descriptor: wadi * geomorphology * runoff * climatic change * erosion * sedimentation * gravel
Geographical descriptor: Chad * Tibesti Mountains * Sahara * Africa * Bardague Im Jahr Wadi
- 1301 *Gay Jr., P*
ORIGEN, DISTRIBUCION Y MOVIMIENTO DE LAS ARENAS EOLICAS EN EL AREA DE YAUCAA PALPA
Lang.: spa. 1962. Series title: Sociedad Geologica del Peru. Boletin. Vol.37:p.37-58
Descriptor: barchans * dunes * wind action * littoral drift * coastal areas * topographic features
Geographical descriptor: Peru * Peruvian Desert * South America
- 1302 *Gaye, M.; Khouma, M*
SECHERESSE, CLIMAT ET REBOISEMENT DANS LES PAYS MEMBRES DE L'ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE GAMBIE (Drought, Climate and Reforestation in the "O.M.V.G. Countries. Organization for the Development Project of the River Gambie)
Lang.: fre. 1985. Series title: Bulletin des Recherches Agronomiques de Gembloux. Vol.20(3-4, pt.1):p.405-418. ISSN 0435-2033. Note: Colloque International: Developpement Agricole et Conservation du Patrimoine Naturel dans les Pays du Tiers-Monde, Gembloux, Belgium, 9-11 Oct., 1985
Descriptor: reforestation * desertification * drought * environmental impact * afforestation * forestry practices * natural disasters
Geographical descriptor: Gambie River * Sahel * Africa
- 1303 *Gaye, S*
GLACIERS OF THE DESERT. DESERTIFICATION CONTROL, DUNE STABILIZATION, DANIDA
Lang.: eng. 1987. Series title: Ambio. Vol.16(6):p.351-356. ISSN 0044-7447
Descriptor: desertification control * dune stabilization * soil stabilization * developing countries * dunes * women * development plans * economic geography * natural disasters * social organization * soil management
Geographical descriptor: Mauritania * Africa
- 1304 *Gayel, A.G*
AFFORESTATION OF ARID ARAL-CASPIAN AREAS
Lang.: rus. 1975. Series title: Lesnoye Khozyaystvo. No.3:p.27-30
Descriptor: afforestation * arid land
Geographical descriptor: Aral Caspian Area * USSR

- 1305 *Gayel, A.G*
RESULTS OF PINE AFFORESTATION OF ARAL-CASPIAN SANDS AND PROSPECTS FOR THE DEVELOPMENT OF RECLAMATION SAXAUL PLANTINGS ON WORMWOOD PASTURES
Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.1:p.73-78. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: Pinus * Haloxylon ammodendron * afforestation * sand * pastures * wormwood
Geographical descriptor: Aral Caspian Area * USSR
- 1306 *Gayevskaya, L.S*
KARAKULEVODCHESKIYE PASTBISHCHA SREDNEY AZII(Astrakhan Pastures in Central Asia)
Lang.: rus. Tashkent, Uzbek SSR: Fan. 1971. 332p
Descriptor: pastures * deserts * livestock * animal breeding * ecology * fodder * grazing effects * vegetative cover * land use
Geographical descriptor: Astrakhan * Central Asia * USSR
- 1307 *Gayevskaya, L.S.; Sal'manov, N.S*
PASTBISHCHA PUSTYN' I POLUPUSTYN' UZBEKISTANA(Pastures of Uzbekistan Deserts and Semi-Deserts)
Lang.: rus. Tashkent, Uzbek SSR: Fan. 1975. 139p
Descriptor: deserts * semideserts * pastures
Geographical descriptor: Uzbek SSR * USSR
- 1308 *Gazdar, M.N*
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Lang.: eng. Malaysia: Open Press. 1987. 62p. ISBN 967-9901-02-5
Descriptor: environmental factors * environmental surveys
Geographical descriptor: Pakistan
- 1309 *Gedeon, J*
THE MIRACLE OF TOGO: FOOD SELF-SUFFICIENCY
Lang.: fre. 1982. Series title: *Bingo*. No.358:p.14-18
Descriptor: development * food * self sufficiency
Geographical descriptor: Togo * Africa
- 1310 *Gellert, J.F*
HOW LONG HAVE THE CENTRAL ASIATIC DESERTS EXISTED
Lang.: eng. 1980. Series title: *Zeitschrift fuer Angewandte Geologie*. Vol.26(4):p.217-219
Descriptor: history * deserts
Geographical descriptor: Central Asia
- 1311 *Genelle, P*
L'OASIS DE KHULM(The Khulm Oasis)
Lang.: fre. 1969. Series title: *Association de Geographes Francais, Bulletin*. Vol.370:p.383-393
Descriptor: oases * water sources * water rights * water management * social aspects * water supply * settlements
Geographical descriptor: Afghanistan
- 1312 *Gentile, A.M.; Emiliani, M; Mizzau, G.; et al*
Italy. Department for Development Cooperation
DOSSIER SUB-SAHARAN AFRICA: A RECONSTRUCTION TARGET
Lang.: eng. 1985. Series title: *Cooperazione*. Vol.9(46-48):p.33-78
Descriptor: agricultural development * desertification * famine
Geographical descriptor: Sub-Saharan Africa * Africa
- 1313 *Gentilli, J*
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Lang.: eng. Amsterdam: Elsevier. 1971. World Survey of Climatology Vol.13:p.189-211. Note: (In) *Climates of Australia and New Zealand* by J. Gentilli (ed.)
Descriptor: climatic change * climatic data * history * maps * weather patterns
Geographical descriptor: Australia
- 1314 *Gentilli, J*
PRESENT CLIMATIC FLUCTUATIONS IN WESTERN AUSTRALIA
Lang.: eng. 1952. Series title: *Western Australia Naturalist*. Vol.3:p.155-165
Descriptor: climatic change
Geographical descriptor: Western Australia * Australia
- 1315 *George, U*
THE OCEANS OF THE DESERT
Lang.: eng. 1980. Series title: *Geo*. Vol.2(10):p.100-120. ISSN 0196-1888
Descriptor: geology * ocean * deserts
- 1316 *Geping, Q*
DESERTS IN CHINA AND THEIR PREVENTION AND CONTROL
Lang.: eng. 1980. Series title: *Mazingira*. Vol.4(2):p.74-79
Descriptor: deserts * desertification control * conservation
Geographical descriptor: China
- 1317 *Gerakis, P.A*
ENVIRONMENTAL CONSEQUENCES OF LAND USE IN ARID AND SEMI-ARID AREAS
Lang.: eng. 1974. Series title: *Journal of Soil and Water Conservation*. Vol.29(4):p.160-164
Descriptor: pastoralism * land use * environmental impact * human activity * dry farming * irrigation practices * woodland * grazing * animal damage * settlements * nomads * distribution patterns
Geographical descriptor: Africa
- 1318 *Gerasimov, I.P*
MAJOR RESULTS OF THE UNITED NATIONS CONFERENCE ON PROBLEMS OF DESERTIFICATION
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. Series title: *Problemy Osvoeniya Pustyn*. No.3:p.24-33. ISSN 0032-9428
Descriptor: desertification * United Nations
- 1319 *Gerasimov, I.P.; Zonn, I.S.; Sdasyuk, G.V.; et al*
MEZHDUNARODNYNAUCHNYYPROYEKTYUNEP/SSSR "BOR'BAS OPUSTYNIVANIEMPUTEM KOMPLEKSNOGO RAZVITIYA"(The UNEP/SSSR International Scientific Project "The Struggle Against Desertification With an Integrated Plan")
Lang.: rus. 1981. Series title: *Izvestiya Akademii Nauk SSSR, Seriya Geograficheskaya* 2. ISSN 0373-2444
Descriptor: UNEP * desertification control
Geographical descriptor: USSR
- 1320 *Gerasimov, I.P*
SCIENTIFIC PROBLEMS OF THE TRANSFORMATION OF NATURE IN CENTRAL ASIA FOR PURPOSES OF DEVELOPING IRRIGATED FARMING AND PASTURE ANIMAL HUSBANDRY
Lang.: rus. Moscow: Nauka. 1967. p.3-17. Note: (In) *Problemy preobrazovaniya prirody sredney Azii* (Problems of Major Reorganization in Central Asia)
Descriptor: irrigated farming * pastures * animal husbandry * agricultural development
Geographical descriptor: Central Asia
- 1321 *Gerasimova, M.I.; Kostyuchenko, V.P.; Mamontova, N.A*
MICROMORPHOLOGY OF DESERT SOILS OF THE SOUTHWESTERN TURKMEN SSR USSR THAT WERE IRRIGATED IN ANCIENT TIMES
Lang.: rus. 1986. Series title: *Pochvovedenie*. No.7:p.14-25
Descriptor: soil micromorphology * deserts * soils * irrigation
Geographical descriptor: Turkmen SSR * USSR
- 1322 *Gerson, R*
KARST PROCESSES OF THE EASTERN UPPER GALILEE, NORTHERN ISRAEL
Lang.: eng. 1974. Series title: *Journal of Hydrology*. Vol.21(2):p.131-152
Descriptor: sediments * limestone * dolomite * geomorphology * erosion * groundwater * runoff * denudation * springs * calcite * calcium carbonate * rainfall * water chemistry * karst
Geographical descriptor: Israel * Middle East

- 1323 *Getahun, A.; Teel, W*
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Lang.: eng. Nairobi, Kenya: Kenya Energy Non-Government Organization Association. 1982? p.14-17. Note: (In) Tree Planting and Agroforestry in Semi-Arid Zones of Kenya
Descriptor: agroforestry
Geographical descriptor: Kenya
- 1324 *Geyh, M.A.; Jakel, D*
SPAETPLEISTOZAENE UND HOLOZANE KLIMAGESCHICHTE DER SAHARA AUF GRUND ZUGAENGLICHER 14-C-DATEN
Lang.: ger. 1974. Series title: Zeitschrift fuer Geomorphologie. Vol.18(1):p.82-98
Descriptor: radiocarbon dating * archaeology * settlements * Holocene epoch * climatic change * Pleistocene epoch * history * prehistory
Geographical descriptor: Sahara * Africa
- 1325 *Ghabbour, S.I*
SOME ASPECTS OF CONSERVATION IN THE SUDAN
Lang.: eng. 1972. Series title: Biological Conservation. Vol.4(2):p.228-229
Descriptor: desertification * national parks * wildlife habitats * conservation
Geographical descriptor: Sudan * Africa
- 1326 *Ghai, D.; Godfrey, M.; Lisk, F*
PLANNING FOR BASIC NEEDS IN KENYA: PERFORMANCE, POLICIES AND PROSPECTS
Lang.: eng. Geneva: International Labour Organization. 1979. 166p
Descriptor: economic development * social services * housing and shelter * nutrition * health services * water supply * food supply * information * rural development
Geographical descriptor: Kenya * Africa
- 1327 *Ghonaim, O.; Gabriel, B*
DESERTIFICATION IN SIWA OASIS (EGYPT) - SYMPTOMS AND CAUSES
Lang.: eng. 1980. Series title: Stuttgarter Geographische Studien. Vol.95:p.157-172. ISBN 3-88028-095-9. Note: (In) Desertification in Extremely Arid Environments by H. Meckelein (ed.), 203p.; Summary language: French, German
Descriptor: rural development * irrigation * desertification * planning * economics * technical aid
Geographical descriptor: Egypt * Africa * Siwa Oasis
- 1328 *Ghose, B.; Singh, S.; Kar, A*
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Lang.: eng. 1977. Series title: Annals of Arid Zone. Vol.16(3):p.290-301
Descriptor: desertification * climatic geomorphology * wind action * salinity * hazards * environmental impact * climatic change
Geographical descriptor: Thar Desert * India * Rajasthan
- 1329 *Ghose, B.; et al*
SOME GEOMORPHOLOGICAL EVIDENCES OF PALAEOCLIMATE IN THE GREAT INDIAN DESERT
Lang.: eng. 1976. Series title: Science and Culture. Vol.42(12):p.590-594
Descriptor: relict landforms * eolian soils * climatic geomorphology * paleoclimatology * climatic change * land forms
Geographical descriptor: Thar Desert * India
- 1330 *Ghose, B*
THE GENESIS OF THE DESERT PLAINS IN THE CENTRAL LUNI BASIN OF WESTERN RAJASTHAN
Lang.: eng. 1965. Series title: Indian Society of Soil Science. Journal. Vol.13:p.123-126
Descriptor: basins * drainage * plains * aerial photography * alluvium * climatic change * environmental impact * desertification
Geographical descriptor: Rajasthan * India * Luni Basin
- 1331 *Ghose, S.K.; Poultney, R.G*
CRITERIO PRATICO PARA ESTIMATIVAS DAS CONDIÇÕES DE SECA NO NORDESTE BRASILEIRO (An Applied Criterion for Estimating Drought Conditions in Northeastern Brazil)
Lang.: por. Recife, Brazil: Grupo Executivo Misto de Meteorologia. Superintendencia do Desenvolvimento do Nordeste. 1971. 41p
Descriptor: drought * crop response * rainfall * evaporation * climatic zones
Geographical descriptor: South America * Brazil
- 1332 *Ghosh, P.K.; Bohra, H.C.; Goyal, S.P*
LIVESTOCK POPULATION AND ECOLOGICAL IMPLICATIONS OF OVERGRAZING
Meeting or Conf.: National Symposium on Desert Ecology, Oct 24-27, 1986, Rajasthan, India
Lang.: eng. Jodhpur, India: Scientific Publishers. 1988. Series title: Sci. Review of Arid Zone Research. Vol.5:p.179-187. ISSN 0254-0568
Descriptor: rangelands * livestock * grazing effects * arid zones * erosion * environmental degradation
Geographical descriptor: Rajasthan * India
- 1333 *Giacobbe, A*
RICERCA ECOLOGICA SULL'ARIDITANEI PAESI DEL MEDITERRANEO OCCIDENTALE
Lang.: ita. 1958. Series title: Italy. Universita di Firenze Pubblicazione. No.4. 19p. Note: Reprinted from: Webbia, 14(1), 1958
Descriptor: arid land * ecology * botanical surveys * desert plants * flora
Geographical descriptor: Italy * Mediterranean Region
- 1334 *Gibbon, D*
A SYSTEMS APPROACH TO RESOURCE MANAGEMENT AND DEVELOPMENT IN THE ECWA REGION: THE ICARDA EXPERIENCE, 1977-1980
Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
Lang.: eng. New York: United Nations Economic and Social Council. 1981. 29p
Descriptor: resource management * agricultural development * desertification control
Geographical descriptor: Middle East * ECWA Region
- 1335 *Gibbs, W.J.; Landsberg, H.E.; Rodier, J.A*
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Lang.: eng. Geneva: World Meteorological Organization. 1975. Series title: World Meteorological Organization. Special Environment Report. Report 5. 113p
Descriptor: drought * hydrology * meteorological data * desertification * river basins * atmospheric circulation * planting management
Geographical descriptor: Senegal * Niger * Chad * Australia * Sahel * Africa
- 1336 *Gibbs, W.J.; Maher, J.V*
RAINFALL DECILES AS DROUGHT INDICATORS
Lang.: eng. 1967. Series title: Australia Bureau of Meteorology Bulletin. 48. 33p
Descriptor: drought * climatic data * rainfall * weather patterns
Geographical descriptor: Australia * New South Wales * Queensland
- 1337 *Gichohi, C.M*
SUMMARY REPORT OF THE MID-POINT REVIEW (SEMINAR) HELD AT KENYATTA CONFERENCE CENTER FROM 29TH NOVEMBER TO 2ND DECEMBER, 1977
Lang.: eng. Nairobi, Kenya: Ministry of Agriculture. Marginal/Semi Arid Lands Study Project. 1977. 45p
Descriptor: environmental impact * soil surveys * soil classification * physico-chemical properties of soils * water resources * water conservation * water management * soil conservation * forests * livestock * agricultural technology * economic development * aid
Geographical descriptor: Africa * Kenya

- 1338 *Giessner, K.; Wagner, H.G.*
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Lang.: ger. 1981. Series title: Wuerzburger Geographische Arbeiten. Vol.53:349p. ISSN 0510-9833
Descriptor: arid land * geography
- 1339 *Gifford, G.F.; Hancock, V.B.; Coltharp, G.B.*
EFFECTS OF GULLY PLUGS AND CONTOUR FURROWS ON THE SOIL MOISTURE REGIME IN THE CISCO BASIN, UTAH
Lang.: eng. 1978. Series title: Journal of Range Management. Vol.31(4):p.293-295
Descriptor: range management * forage production * soil management * soil moisture * gully erosion * erosion
Geographical descriptor: Utah * Cisco Basin
- 1340 *Gigout, M.; Joly, F.*
ESSAI DE CORRELATION DU QUATERNAIRE FLUVIATILE DE LA REGION DE KSAR-ES-SOUK (SUD-EST MAROCAIN) ET DU NORD DU MAROC
Lang.: fre. 1957. Series title: Academie des Sciences. Comptes Rendus. Vol.245(3):p.328-331
Descriptor: Quaternary period * fluvial processes
Geographical descriptor: Morocco * Africa
- 1341 *Gilles, J.*
A REACTION TO 'DESERTIFICATION AND PASTORAL DEVELOPMENT IN NORTHERN KENYA
Lang.: eng. 1983. Series title: Nomadic Peoples. Vol.13:p.15-16
Descriptor: desertification * pastoralism * nomads
Geographical descriptor: Kenya * Africa
- 1342 *Gilles, J.L.*
OVERGRAZING AND DESERTIFICATION: A REINTERPRETATION
Lang.: eng. 1981. Series title: Rural Sociological Society (RSS). p.1246
Descriptor: agriculture * pastoralism * desertification * overgrazing
- 1343 *Gilles, J.L.; Jantgaard, K.*
OVERGRAZING IN PASTORAL AREAS. THE COMMONS RECONSIDERED
Lang.: eng. 1981. Series title: Sociologia Ruralis. Vol.21(2):p.129-141
Descriptor: overgrazing * environmental impact * land use * pastoralism
- 1344 *Gillet, H.*
DESERT AND SAHEL
Lang.: eng. 1986. p.151-181. ISBN 0471903647. Note: (In) Plant Ecology in West Africa: Systems and Processes
Descriptor: deserts * desert plants * trees * desertification * arid climate * tropics * ecological balance * zones * vegetation types
Geographical descriptor: Africa * Sahel
- 1345 *Gillet, H.*
TCHAD ET SAHEL TCHADIEN
Lang.: fre. 1968. Series title: Acta Phytogeographica Suecica (Uppsala). Vol.54:p.54-58. Note: (In) Conservation of Vegetation in Africa South of the Sahara by I. Hedberg and O. Hedberg (eds.)
Descriptor: environmental conservation * vegetation
Geographical descriptor: Chad * Sahel * Africa
- 1346 *Gillette, D.A.*
DUST PRODUCTION BY WIND EROSION: NECESSARY CONDITIONS AND ESTIMATES OF VERTICAL FLUXES OF DUST AND VISIBILITY REDUCTION BY DUST
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El Baz and M.H.A. Hassan, (eds.), 473p
Descriptor: dust * wind erosion * vertical flux * visibility reduction
- 1347 *Gillette, D.A.*
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Lang.: eng. 1979. Series title: Scope. No.14:p.71-91. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: dust * wind erosion * wind energy
Geographical descriptor: Sahel * Africa
- 1348 *Gillette, D.A.*
PRODUCTION OF DUST
Lang.: eng. Dordrecht, The Netherlands: 1987. p.251-260. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El Baz and M.H.A. Hassan, (eds.), 473p
Descriptor: dust * desertification * wind erosion
- 1349 *Gillette, D.A.*
RECOMMENDATIONS FOR MEASUREMENTS AND EXPANDED INSTRUMENTATION AT THE USGS GEOMET SITES
Lang.: eng. 1987. Series title: U.S. Geological Survey. Circular. p.10-12. ISSN 0364-6017. Note: (In) A Workshop on Desert Processes by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: satellites * measurement * instrumentation * Geomet * USGS
- 1350 *Gillette, D.A.*
THRESHOLD VELOCITIES FOR DUST PRODUCTION
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.322-326. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El Baz and M.H.A. Hassan, (eds.), 473p
Descriptor: dust * desertification * wind erosion
- 1351 *Gilliland, H.B.*
SOME CURRENT PROBLEMS CONCERNING THE UNDERSTANDING OF AFRICAN VEGETATION
Lang.: eng. 1950. Series title: Geographical Review. Vol.40:p.466-468
Descriptor: climatic change * Quaternary period * Cenozoic era * vegetation * rainfall * desiccation * desertification
Geographical descriptor: Southern Africa * Africa
- 1352 *Girardon, J.*
DESERTS: LA GRANDE MENACE (Deserts: The Great Menace)
Lang.: fre. 1984. Series title: Sciences et Avenir. Vol.445:p.44-51. ISSN 0036-8636
Descriptor: deserts
- 1353 *Girgis, W.A.; Zahran, M.A.*
ON THE ECOLOGY OF WADI EL-NATRUN
Lang.: eng. Cairo, Egypt: Desert Institute. 1970. Series title: Desert Institute Bulletin. Vol.20(1):p.229-267
Descriptor: wadi * saline lakes * salt marshes * ecosystems * water supply * plant communities * soil types * halophytes * grasses
Geographical descriptor: Egypt * Africa * El-Natron Wadi * Libyan Desert
- 1354 *Girgis, W.A.*
PLANT INDICATORS IN THE EGYPTIAN DESERTS
Lang.: eng. Cairo, Egypt: Desert Institute. 1971. Series title: Desert Institute Bulletin. Vol.21(2):p.511-525
Descriptor: indicator plants * salinity * groundwater * halophytes * phreatophytes * desert plants * dew
Geographical descriptor: Egypt * Africa
- 1355 *Giri, J.*
DESERTIFICATION DU SAHEL (Desertification of the Sahel)
Lang.: fre. Doc. no.: DOC/FI/18 364. 1986. Series title: Etudes. No.11:p.453-464
Descriptor: nature conservation * development policy * desertification
Geographical descriptor: Sahel * Africa

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LE SAHEL DEMAIN: CATASTROPHE OU RENAISSANCE?(The Future of the Sahelian Region: Disaster or Rebirth?)
Lang.: fre. Paris: Karthala. 1983. 325p. ISBN 2-86537-084-4
Descriptor: development policy * agricultural policy * farming systems * land use * ecology
Geographical descriptor: Sahel * Africa
- 1357 *Giri, J*
THE ON-FARM ECONOMICS OF SUSTAINABILITY AND PUBLIC INTERVENTION
Lang.: eng. 1986. Series title: Canadian Farm Economics. Vol.20(2):p.3-8
Descriptor: soil degradation * environmental policy * farm management * desertification * land use * economics
Geographical descriptor: Canada
- 1358 *Glachler, C.E*
HYDROLOGY OF THE SAHARA
Lang.: eng. Stockholm, Sweden: Swedish Natural Science Research Council. 1976. Series title: Ecological Bulletins/NFR. Vol.24:p.83-102. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: hydrology * evaporation * groundwater * aquifers * maps * water management * water conservation
Geographical descriptor: Sahara * Africa
- 1359 *Gladwin, H.S*
TREE-RING ANALYSIS:TREE RINGS AND DROUGHTS
Lang.: eng. 1947. Series title: Gila Pueblo Medallion Papers (Globe, AZ). No.37. 36p
Descriptor: drought * tree rings * dendrochronology
Geographical descriptor: Southwestern U.S
- 1360 *Glantz, M.H.;Katz, R*
AFRICAN DROUGHT AND ITS IMPACTS: REVIVED INTEREST IN A RECURRENT PHENOMENON
Lang.: eng. 1987. Series title: Desertification Control Bulletin. No.14:p.22-30
Descriptor: drought * climate
Geographical descriptor: Africa
- 1361 *Glantz, M.H.;Krenz, M.E*
ARE SOLUTIONS TO DESERTIFICATION IN THE WEST AFRICAN SAHEL KNOWN BUT NOT APPLIED?
Lang.: eng. 1981. Series title: Desertification Control. No.5:p.9-12
Descriptor: desertification control * evaluation * political aspects * social aspects
Geographical descriptor: Africa * Sahel
- 1362 *Glantz, M.H*
DROUGHT AND HUNGER IN AFRICA:DENYING FAMINE A FUTURE
Lang.: eng. London, U.K.: Cambridge University Press. 1987. 457p
Descriptor: drought * famine
Geographical descriptor: Africa
- 1363 *Glantz, M.H*
MAN, STATE AND THE ENVIRONMENT: AN INQUIRY INTO WHETHER SOLUTIONS TO DESERTIFICATION IN THE WEST AFRICAN SAHEL ARE KNOWN BUT NOT APPLIED
Lang.: eng. 1980. Series title: Revue Canadienne d'Etudes du Developpement. Vol.1(1):p.75-97
Descriptor: desertification control * theoretical aspects
Geographical descriptor: Africa * Sahel
- 1364 *Glantz, M.H*
NINE FALLACIES OF NATURAL DISASTER: THE CASE OF THE SAHEL
Lang.: eng. 1977. Series title: Climatic Change. Vol.1(1):p.69-84
Descriptor: desertification * drought * hazards * nomads * weather patterns * political aspects * appropriate technology * environmental degradation
Geographical descriptor: Sahel * Africa
- 1365 *Glantz, M.H.;Parton, W*
WEATHER AND CLIMATE MODIFICATION AND THE FUTURE OF THE SAHARA
Lang.: eng. New York: Praeger. 1976. p.303-324. Note: (In) Politics of Natural Disaster: The Case of the Sahel Drought by M.H. Glantz (ed.), 340p
Descriptor: weather modification * reclamation * land management * drought * arable land * pastures
Geographical descriptor: Sahara * Africa * Sahel
- 1366 *Glantz, M.H. (ed.)*
ARID LAND DEVELOPMENT AND THE COMBAT AGAINST DESERTIFICATION: AN INTEGRATED APPROACH
Meeting or Conf.: National Center for Atmospheric Research., P.O. Box 3000, Boulder, CO. Moscow, USSR: Centre for International Projects GKNT
Lang.: eng. 1986. 146p
Descriptor: arid land * desert development * desertification control * reclamation * land types
- 1367 *Glantz, M.H. (ed.)*
CLIMATE AND WEATHER MODIFICATION IN AND AROUND ARID LANDS IN AFRICA
Lang.: eng. Boulder, CO: Westview Press. 1977. 307-337. Note: (In) Desertification: Environmental Degradation in and around Arid Lands by M.H. Glantz (ed.)
Descriptor: climate * deserts * dust * precipitation * rainfall * plant ecology
Geographical descriptor: Africa * Sahara
- 1368 *Glantz, M.H. (ed.)*
DESERTIFICATION ENVIRONMENTAL DEGRADATION IN AND AROUND ARID LANDS
Lang.: eng. Boulder, CO: Westview Press. 1977. 346p. ISBN 0-89158-115-4. Note: With a foreword by Viktor A. Kovda
Descriptor: desertification * environmental degradation * arable land * social aspects * economic impact * political aspects * pastoralism * weather modification * wood * reclamation * drought
Geographical descriptor: Somalia * Sahel * Niger * South Africa * Africa
- 1369 *Glantz, M.H. (ed.)*
THE POLITICS OF NATURAL DISASTER: THE CASE OF THE SAHEL DROUGHT
Lang.: eng. New York: Praeger. 1976. 340p
Descriptor: pastoralism * drought * planning * economic impact * nomads * climatic change * wind action * overgrazing * weather modification
Geographical descriptor: Sahel * Africa
- 1370 *Glazer, G; Damlamian, J*
IMPROVING THE SCIENTIFIC BASIS FOR LAND MANAGEMENT IN DEVELOPING COUNTRIES: A CASE STUDY IN ARID NORTHERN KENYA
Lang.: eng. Paris, France: UNESCO. Man and Biosphere Programme. 1985. Series title: Environmental Professional. Vol.7(2):p.143-153
Descriptor: case studies * land management * developing countries
Geographical descriptor: Africa * Kenya
- 1371 *Gleave, M.B.; White, H.P*
POPULATION DENSITY AND AGRICULTURAL SYSTEMS IN WEST AFRICA
Lang.: eng. London, U.K.: Methuen. 1969. p.273-299. Note: (In) Environment and Land Use in Africa by M.F. Thomas and G.W. Whittington (eds.), 55p
Descriptor: social aspects * tenure systems * semiarid climate * land use * fallow * cultivation * grazing * tropics * land management * population pressure * economic development * human population
Geographical descriptor: West Africa * Africa

- 1372 **Gleeson, T.A.**
A COMPARISON OF CYCLONE FREQUENCIES IN THE NORTH ATLANTIC AND MEDITERRANEAN REGIONS
Lang.: eng. 1956. Series title: Archiv fuer Meteorologie, Geophysik, und Bioklimatologie. Series A. Vol.9:p.185-190
Descriptor: weather patterns * cyclones * storms
Geographical descriptor: Mediterranean Basin * North Atlantic
- 1373 **Glushko, E.V.; Ermakov, I.G.**
THE EVALUATION OF MAN'S ACTIVITY INFLUENCE ON ENVIRONMENT ON SPACE PHOTOS
Meeting or Conf.: IAF, International Astronautical Congress, 36th, Stockholm, Sweden, Oct. 7-12, 1985
Lang.: eng. Oct. 1985. 10p
Descriptor: photography * environmental monitoring * land use * human ecology * satellite imagery * agriculture * classification * desertification * reclamation
Geographical descriptor: Netherlands
- 1374 **Glyanz, M.K.; Zonn, I.S.; Orlovskii, N.S.**
DEFINING THE PROCESS OF DESERTIFICATION
Lang.: eng. 1984. Series title: Problems of Desert Development. No.2:p.1-10. Note: Translated from: Problemy Osvoeniya Pustyn (1984, No.2:p.3-12)
Descriptor: desertification * history
- 1375 **Goblot, H.**
LE PROBLEME DE L'EAU EN IRAN
Lang.: fre. 1962. Series title: Orient. Vol.23:p.43-60
Descriptor: water resources
Geographical descriptor: Iran * Middle East
- 1376 **Goetting, H.R.; Winter, R.P.**
MULTISTAGE REMOTE SENSING AND FIELD RESEARCH IN NORTHERN KENYA
Lang.: eng. New York: Institute of Electrical and Electronics Engineers. 1983. Vol.2:2p
Descriptor: arid land * geometric rectification imagery * human ecology * rangelands * remote sensing * aerial photography * desertification * satellite borne photography
Geographical descriptor: Kenya * Africa
- 1377 **Goetting, H.R.; Maackel, R.**
SPATIAL ANALYSIS OF THE DYNAMICS OF AN ECOSYSTEM BY MULTISTAGE REMOTE SENSING IN KENYA
Lang.: eng. Aug. 1986. Vol.1:p.53-56. Note: (In) ESA Proceedings of the 1986 International Geoscience and Remote Sensing Symposium (IGARSS '86) on Remote Sensing: Today's Solutions for Tomorrow's Information Needs
Descriptor: arid land * desertification * grazing * human ecology * human population * satellite imagery * agriculture * ecosystems * environmental impact * rural land use * river basins
Geographical descriptor: Kenya * Africa
- 1378 **Gonzalez, N.L. (ed.)**
SOCIAL AND TECHNOLOGICAL MANAGEMENT IN DRY LANDS: PAST AND PRESENT, INDIGENOUS AND IMPOSED
Lang.: eng. Boulder, CO: Westview Press. 1978. Series title: AAAS Selected Symposium. 10. 199p. Note: Published for the American Association for the Advancement of Science
Descriptor: desertification * drought * adaptation * nomads * ecosystems
Geographical descriptor: Peru * Israel * Tunisia * Arabian Peninsula * Sonoran Desert * Sahel * Africa * Middle East
- 1379 **Gooch, T.; Macdonald, J.**
EVALUATION OF 1979/80 DROUGHT RELIEF PROGRAMME SYNOPSIS
Lang.: eng. Gaborone, Botswana: Republic of Botswana. Ministry of Finance and Development Planning. 1981. 28p
Descriptor: drought * water management * human health * social services * aid * food * supply
Geographical descriptor: Botswana * Africa
- 1380 **Goodall, D.W. (ed.); Perry, R.A. (ed.)**
ARID-LAND ECOSYSTEMS: STRUCTURE, FUNCTIONING AND MANAGEMENT
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1979. 881p
Descriptor: desert biome * environmental impact * arid land * desertification * ecosystems * land management
- 1381 **Goodman, G.T.; et al.**
THE USE OF MOSS-BAGS IN AEROSOL MONITORING
Lang.: eng. 1979. Series title: Scope. No.14:p.211-232. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy
- 1382 **Goodyear III, A.C.**
HECLA II AND III- AN INTERPRETIVE STUDY OF ARCHEOLOGICAL REMAINS FROM THE LAKESHORE PROJECT, PAPAGO RESERVATION, SOUTH CENTRAL ARIZONA
Lang.: eng. Tempe, AZ: Arizona State University. 1975. Series title: Anthropological Research Paper. No.9. 401p
Descriptor: archaeology * plant cover * vegetation maps * Carnegiea gigantea * Opuntia * Olneya tesota * Lemniscocereus thurberi * bibliographies
Geographical descriptor: Santa Rosa Wash * Pinal County * Arizona * Papago Indian Reservation * Southwestern U.S.
- 1383 **Gordon, A.H.; Lockwood, J.G.**
MAXIMUM ONE DAY FALLS OF PRECIPITATION IN TEHRAN
Lang.: eng. 1970. Series title: Weather. Vol.25:p.2-8
Descriptor: atmospheric precipitation * rainfall intensity * weather data
Geographical descriptor: Iran * Middle East
- 1384 **Gorelov, Y.K.**
PSAMMOPHILOUS ELEMENTS IN THE FAUNA OF BADKHYZ, TURKMEN SSR, USSR AND THEIR DISTRIBUTION
Lang.: rus. 1985. Series title: Problemy Osvoeniya Pustyn. No.6:p.49-54
Descriptor: psammophytes * fauna * distribution
Geographical descriptor: Badkhyz * Turkmen SSR * USSR
- 1385 **Gornitz, V.**
National Aeronautics and Space Administration
A SURVEY OF ANTHROPOGENIC VEGETATION CHANGES IN WEST AFRICA DURING THE LAST CENTURY: CLIMATIC IMPLICATIONS
Lang.: eng. Sept. 1985. Series title: Climatic Change. Vol.7(3-4):p.285-325. ISSN 0165-0009
Descriptor: deforestation * desertification * environmental degradation * history * plant cover
Geographical descriptor: West Africa * Africa
- 1386 **Gorodetskaya, M.E.; Kes, A.S.**
PREDICTING CHANGES IN THE TOPOGRAPHY OF THE ARAL SEA AREA, KAZAKH SSR, USSR IN CONNECTION WITH PROSPECTS FOR ITS DEVELOPMENT
Lang.: rus. 1986. Series title: Problemy Osvoeniya Pustyn. No.3:p.35-44
Descriptor: topography * land development
Geographical descriptor: Aral Sea * Kazakh SSR * USSR
- 1387 **Gorodetskaya, M.E.; Kes, A.S.**
TOPOGRAPHY OF THE ARAL SEA BORDERING AREAS IN THE LIGHT OF PERSPECTIVES OF ECONOMIC DEVELOPMENT
Lang.: rus. 1986. Series title: Problemy Osvoeniya Pustyn. No.3:p.35-43
Descriptor: topography * economic development
Geographical descriptor: Aral Sea * Kazakh SSR * USSR
- 1388 **Govrie, R.M.**
COUNTERING DESICCATION IN THE PUNJAB
Lang.: eng. 1948. Series title: Geographical Review. Vol.38:p.30-40
Descriptor: desiccation * land reclamation
Geographical descriptor: Punjab * India * Pakistan

- 1389 *Gorse, J*
DESERTIFICATION IN THE SAHELIAN AND SUDANIAN ZONES OF WEST AFRICA
Lang.: eng. 1985. Series title: *Unasylva*. Vol.37(150):p.2-18
Descriptor: desertification * landscape conservation
Geographical descriptor: West Africa * Africa * Sudan * Sahel
- 1390 *Gorse, J*
LADESERTIFICATIONDANSLESZONES SAHELIENNEET SOUDANIENNE DE L'AFRIQUE DE L'OUEST
Lang.: fre. 1985. Series title: *Bulletin des Recherches Agronomiques de Gembloux*. Vol.20(3-4):p.943-1004
Descriptor: desertification
Geographical descriptor: West Africa * Africa * Sahel
- 1391 *Gorse, J.E.; Steeds, D.R*
DESERTIFICATION IN THE SAHELIAN AND SUDANIAN ZONES OF WEST AFRICA
Lang.: eng. Washington, D.C.: World Bank. 1987. 77p. ISBN 0-8213-0897-1
Descriptor: arid land * deserts * semiarid lands * rural areas * agriculture * forestry * soils * climatology * productivity * developing countries * population growth
Geographical descriptor: West Africa * Africa
- 1392 *Gorse, J.E*
WORLD BANK GLOSSARY: FORESTRY TERMS, ENGLISH-FRENCH
Lang.: fre. Washington, D.C.: World Bank. 1984. 48p. ISBN 0-8213-0175-6
Descriptor: forestry * glossaries * dictionaries * arid land * semiarid lands * forests * planting * harvesting * erosion control * fuels * deforestation * biomass * equipment
- 1393 *Gosling, P.L.A.; Abdullah, A.H*
RURAL POPULATION REDISTRIBUTION
Lang.: eng. New York: UNFPA. 1979. Series title: *Policy Development Studies*. No.2:p.49-86. Note: (In) *Population Redistribution: Patterns, Policies and Prospects*
Descriptor: migration * economic development * demography * housing and shelter * land management * demography
Geographical descriptor: Algeria * Angola * Mozambique * Zimbabwe * Africa
- 1394 *Goudet, J.P*
EQUILIBRE DU MILIEU NATUREL EN AFRIQUE TROPICALE SECHE: VEGETATION LIGNEUSE ET DESERTIFICATION(Balance of the Natural Environment in Dry Tropical Africa: Woody Vegetation and Desertification)
Lang.: fre. 1985. Series title: *Bois et Forêts des Tropiques*. No.207:p.3-15. Note: Summary language: English, Spanish
Descriptor: deforestation * land use * planning * desertification * development policy * reforestation
Geographical descriptor: Africa
- 1395 *Goudie, A*
CLIMATE, WEATHERING, CRUST FORMATION, DUNES AND FLUVIAL FEATURES OF THE CENTRAL NAMIB DESERT, NEAR GOBABEB, SOUTH WEST AFRICA
Lang.: eng. 1972. Series title: *Madoqua*. Ser.2, Vol.1(54-62):p.15-31
Descriptor: climate * geology * weathering * temperature * atmospheric precipitation * crusts * fog * desert pavement * wind action * landforms * dunes * fluvial process * erosion * Quaternary period * aid
Geographical descriptor: Kalahari Desert * Namibia * Africa
- 1396 *Goudie, A.; Wilkinson, J*
THE WARM DESERT ENVIRONMENT
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1977. 95p
Descriptor: deserts * arid climate * aridisols * erosion * water resources
- 1397 *Goudie, A.S*
PALEOHYDROLOGY OF LOW LATITUDE DESERTS
Lang.: eng. 1984. Series title: *United Kingdom Contribution to the International Geological Correlations Programme*
Descriptor: hydrology * paleohydrology * low latitude deserts * deserts
- 1398 *Goudie, A.S*
THE CONCEPT OF POST-GLACIAL PROGRESSIVE DESICCATION
Oxford University. 1972. Series title: *Oxford University School of Geography. Research Paper*. 4. 48p
Descriptor: desiccation * climatic change * fossil dunes * environmental impact * dunes * lakes * paleogeography
- 1399 *Goudie, A.S.; Allchin, A.; Hedge, K.T.M*
THE FORMER EXTENSIONS OF THE GREAT INDIAN SAND DESERT
Lang.: eng. 1973. Series title: *Geographical Journal* Vol.139(2):p.243-257
Descriptor: geomorphology * archaeology * paleoclimatology * dunes * desertification * Pleistocene epoch * weathering
Geographical descriptor: Thar Desert * India * Pakistan
- 1400 *Gracie, D.; Khalil, F*
THE TOTAL AND AVAILABLE PHOSPHORIC ACID IN EGYPTIAN SOILS AND THE EFFECT OF SUPERPHOSPHATE ON THE MAIN AGRICULTURAL CROPS
Lang.: eng. Cairo, Egypt: Govt. Press. 1948. Series title: *Egypt. Ministry of Agriculture. Chemical Section Bulletin*. No.251. 75p
Descriptor: phosphoric acid * physico-chemical properties of soils * superphosphates * soil fertility * aridisols * fertilizers * plant response functions * crop yield
Geographical descriptor: Egypt * Africa
- 1401 *Gradus, Y*
DESERT DEVELOPMENT: MAN AND TECHNOLOGY IN SPARSE LANDS
Lang.: eng. Dordrecht, Netherlands: D. Reidel Pub. Co. 1985. 324p. ISBN 9027720436
Descriptor: human activity * desert development * agriculture * desertification * arid land * agriculture
- 1402 *Grainger, A*
DESERTIFICATION: HOW PEOPLE MAKE DESERTS, HOW PEOPLE CAN STOP AND WHY THEY DON'T
Lang.: eng. London, U.K.: Earthscan. 1982. 94p. ISBN 0-905347-37-4
Descriptor: desertification control * arid land * agroforestry * afforestation * land use * planning * grazing * management * social forestry * desertification * soil fertility
Geographical descriptor: Africa * Sahel
- 1403 *Grant, A.P*
DRAFT ENVIRONMENTAL PROFILE ON TUNISIA
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Feb. 1980. 82p. Note: Compiled for U.S. National committee for Man and the Biosphere
Descriptor: natural resources * environmental surveys * arid land * soils * population growth * agriculture * wildlife * mineral deposits * soil erosion * water resources * pollution * law
Geographical descriptor: Tunisia * Africa
- 1404 *Grant, A.P*
ENVIRONMENTAL REPORT ON TUNISIA (REVISED DRAFT)
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Dec. 1981. 81p. Note: Compiled for U.S. National Committee for Man and the Biosphere
Descriptor: environmental surveys
Geographical descriptor: Tunisia
- 1405 *Grant, L.O*
UTILIZATION AND ASSESSMENT OF OPERATIONAL WEATHER MODIFICATION PROGRAMS FOR AUGMENTING PRECIPITATION
Lang.: eng. Sept. 1983. Series title: *Agricultural Water Management*. Vol.7(1-3):p.23-35
Descriptor: weather modification * water management * precipitation

- 1406 *Grave, L.M.; Kostyuchenko, V.P*
CHANGING THE DESERT LANDSCAPE IN THE ZONE OF INFLUENCE OF THE KARAKUM CANAL
Lang.: rus. 1975. Series title: Akademii Nauk SSSR. Izvestiya. Ser. Geograficheskaya. Vol.5:p.35-42
Descriptor: deserts * environmental impact * landscape * plant succession * evolution
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1407 *Grave, L.M*
INTERACTION BETWEEN THE KARAKUM CANAL AND THE ENVIRONMENT
Lang.: rus. 1974. Series title: Izvestiya Seriya Geograficheskaya. Vol.5:p.51-71
Descriptor: deserts * environmental impact * landscape * plant succession * evolution
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1408 *Grave, M.K.; Grave, L.M*
LARGE CANALS OF THE CENTRAL ASIA AND CONTROL OF DESERTIFICATION IRRIGATION STRUCTURES
Lang.: rus. Moscow: Ylym. 1981. p.136-146. Note: (In) Aktual'nye voprosy osvoeniia i preobrazovaniia pustyn by A.G. Babaeva
Descriptor: canals * desertification control * irrigation
Geographical descriptor: Central Asia
- 1409 *Grave, M.K.; Grave, L.M*
TYPICAL ARID REGIONS OF THE USSR AND THEIR INTEGRATED ECONOMIC DEVELOPMENT
Lang.: eng. Moscow: Centre for International Projects GKNT. 1986. p.129-132. Note: (In) Arid Land Development and the Combat Against Desertification: An Integrated Approach by M.H. Glantz (ed.)
Descriptor: arid land * desertification * land development * land types * irrigation * projects
Geographical descriptor: USSR * Turkmen SSR * Karakum Canal
- 1410 *Graves, M.E*
ANOMALIAS EN EL TIEMPO DE SUPERFICIE SOBRE LAS COSTAS DEL PACIFICO EN 1955 (Surface Weather Anomalies on the Pacific Coast in 1955)
Lang.: spa. 1957. Series title: Compania Administradores del Guano (Lima), Boletin. Vol.33(7):p.5-9
Descriptor: coastal areas * meteorology * weather patterns
Geographical descriptor: South America * Pacific Ocean
- 1411 *Gray, J.H*
MEN AGAINST THE DESERT
Lang.: eng. Saskatoon, Canada: Western Producer Book Service. 1967. 250p
Descriptor: agriculture * soil stabilization * soil moisture * insects * revegetation * reclamation
Geographical descriptor: Canada * Alberta * Saskatchewan
- 1412 *Greco, J*
L'EROSION, LA DEFENSE ET LA RESTAURATION DES SOLS EN ALGERIE
Lang.: fre. Algeria: Ministere de l'Agriculture et de la Reforme Agricole. 1966. 393p
Descriptor: erosion * erosion control * reclamation
Geographical descriptor: Algeria * Africa
- 1413 *Gregor, D.H., Jr*
VEGETATION MONITORING AND CLASSIFICATION USING NOAA/AVHRR SATELLITE DATA
Lang.: eng. 1983. p.324-333. Note: (In) American Society of Photogrammetry, Annual Meeting, 49th, Washington, D.C. Mar. 13-18, 1983
Descriptor: NOAA * satellites * remote sensing * satellite imagery * vegetation * classification * desertification * hydrology * infrared radiometers * stratification
Geographical descriptor: Texas
- 1414 *Greeley, R*
AEOLIAN ACTIVITIES AS A PLANETARY PROCESS
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.159-196. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds), 473p
Descriptor: eolian processes * planetary processes
- 1415 *Greeley, R.; Iversen, J.D*
AEOLIAN PROCESSES AND FEATURES AT AMBOY LAVA FIELD, CALIFORNIA
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. p.290-317. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.), 473p
Descriptor: eolian processes * lava fields
Geographical descriptor: Amboy Lava Field * California
- 1416 *Green, D.E*
LAND OF THE UNDERGROUND RAIN: IRRIGATION ON THE TEXAS HIGH PLAINS, 1910-1970
Lang.: eng. Austin, TX: University of Texas Press. 1973. 295p
Descriptor: water resources * groundwater * irrigation * water extraction * water shortage * water utilization
Geographical descriptor: Southwestern U.S
- 1417 *Greenwood, J.E.G.W*
THE DEVELOPMENT OF VEGETATION PATTERNS IN SOMALILAND PROTECTORATE
Lang.: eng. 1955. Series title: Geographical Journal. Vol.123:p.465-473
Descriptor: vegetation * atmospheric precipitation * sheet erosion * litter * soil types * slopes * soil moisture * phytogeography * aerial photography
Geographical descriptor: Somalia * Africa
- 1418 *Gregg, F*
OBSERVATIONS ON POLICY AND PROFESSIONALISM IN ARID LAND MANAGEMENT: AN OUTSIDER'S PERSPECTIVE
Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 10-25, 1985
Lang.: eng. Boulder, CO: Westview Press. 1988. p.583-590. Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference, by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R.G. Varady (eds.), 1435p
Descriptor: environmental policy * arid land * land management
- 1419 *Grenier, P*
ESPACE ET ENERGIE AU SENEGAL: DES GEOGRAPHES DEVANT LA PROBLEMATIQUE ENERGETIQUE DANS LE TIERS MONDE (Space and Energy in Senegal: Geographers Faced with the Energy Problem in the Third World)
Lang.: fre. Paris: CNRS. July 1984. p.40-44. ISSN 0153-985X. Note: (In) La Geographie 1984. Images des Sciences de l'Homme. (Geography 1984. Images of Human Sciences)
Descriptor: developing countries * energy sources * rural development * desertification * research * natural disasters * natural resources
Geographical descriptor: Senegal * West Africa * Francophone Africa * Africa
- 1420 *Gribanov, L.N.; Uspenskiy, S.N*
LES A I LESNOYE KHOZYAYSTVO KAZAKHSTANA (Kazakhstan Forests and Forest Resources)
Lang.: rus. Alma-Ata, Kazakh SSR: Kaynar. 1965. 108p. Note: Bibliographic index, 1735-1960
Descriptor: forests * forest resources
Geographical descriptor: Kazakh SSR * USSR

- 1421 *Griffin, T.; Shaw, A.P.M.; Topik, J.H.; et al*
REPORT ON DEVELOPMENT ALTERNATIVES IN THE DILLY PASTORAL ZONE
Lang.: eng. Doc. no.: AID/SOD/PDC-C-0220. Chemonics International, Consulting Division. 1982. Series title: AID Research and Development Abstracts. Vol.10(1-2):p.10. 143p. Note: ABSTRACT ONLY. Document number for ordering from AID is PN-AAJ-719
Descriptor: livestock * farming * ecology * development policy
Geographical descriptor: Africa * Mali
- 1422 *Griffiths, E*
CHINA DEVELOPS THE WEST
Lang.: eng. 1978. Series title: Geographical Magazine. Vol.50(7):p.457-462
Descriptor: desertification * sand control * social aspects * political aspects
Geographical descriptor: China * Sinkiang
- 1423 *Griffiths, G.H.; Collins, W.G*
LANDSAT IMAGERY FOR MAPPING AND MONITORING VEGETATION IN NORTHERN KENYA
Meeting or Conf.: Remote Sensing Society, 9th Conference. Proceedings. London, England, 1981
Lang.: eng. 1981. Note: (In) Matching Remote Sensing Technologies and Their Applications
Descriptor: satellites * monitoring * Landsat * mapping * vegetation
Geographical descriptor: Kenya * Africa
- 1424 *Griffiths, G.H.; Collins, W.G*
THE DEVELOPMENT OF A METHOD USING LANDSAT SATELLITE IMAGERY FOR DETECTING AND MONITORING DESERT ENCROACHMENT INTO AREAS OF SEMIARID VEGETATION IN NORTHERN KENYA
Meeting or Conf.: International Symposium on Remote Sensing of Environment, First Thematic Conference, Proceedings, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. Ann Arbor, Michigan: Environmental Research Institute. 1982. p.1217-1218. Note: (In) Remote Sensing of Arid and Semi-Arid Lands, 1305p
Descriptor: desertification * satellites * Landsat * satellite imagery * remote sensing * semiarid lands
Geographical descriptor: Kenya * Africa
- 1425 *Griggs, G.B.; Walsh, B.L*
THE IMPACT, CONTROL, AND MITIGATION OF OFFROAD VEHICLE ACTIVITY IN HUNGRY VALLEY, CALIFORNIA
Lang.: eng. 1980. Series title: Environmental Geology. Vol.3(4):p.229-243
Descriptor: off road vehicles * environmental impact
Geographical descriptor: Hungry Valley * California
- 1426 *Grigorev, A.A*
ANTROPOGENNYE VOZDEISTVIA NA PRIRODNYI SREDU PO NABLIJENIAMI Z KOSMOSA (anthropogenic effects on the environments according to observations from space)
Lang.: rus. Leningrad, USSR: Izdatel'stvo Nauka. 1985. 240p
Descriptor: environmental monitoring * human ecology * satellite borne photography * air pollution * deforestation * desertification * earth resources * ecology * remote sensing * environment * pollution * land use * photointerpretation * satellite imagery * urban planning * water pollution * environmental impact
- 1427 *Grigorev, A.A*
KOSMICHESKAYA INDIKATSIYA LANDSHAFTOV ZEMLI (Outerspace Indication of Earth Landscapes)
Lang.: rus. Leningrad, USSR: Leningrad University Press. 1975. 165p
Descriptor: remote sensing * geomorphology * satellites
Geographical descriptor: USSR
- 1428 *Grigorev, A.A*
LARGE-SCALE CHANGES IN ARAL COAST ENVIRONMENT FROM SATELLITE OBSERVATIONS
Lang.: eng. 1987. Series title: Problems of Desert Development. No.1:p.14-20. ISSN 0278-4750. Note: Translated from: Problemy Osvoeniya Pustyn (1987, No.1:p.16-22)
Descriptor: lakes * coastal areas * remote sensing * environmental impact * desertification * dust * vegetation * irrigation
Geographical descriptor: Uzbek SSR * Kazakh SSR * USSR
- 1429 *Gritzner, J.A*
THE WEST AFRICAN SAHEL: HUMAN AGENCY AND ENVIRONMENTAL CHANGE
Lang.: eng. Chicago, IL: University of Chicago. Committee on Geographical Studies. 1988. ISBN 0890651302
Descriptor: environmental variability * human ecology * environmental policy * desertification
Geographical descriptor: Sahel * West Africa * Africa
- 1430 *Grolier, M.; Collins, P.S*
GEOLOGY OF THE GILF KEBIR PLATEAU, WESTERN DESERT, EGYPT
Lang.: eng. 1981. Series title: Annual Geological Survey of Egypt. Vol.11:p.189-206
Descriptor: geology * research * deserts
Geographical descriptor: Gilf Kebir Plateau * Africa * Western Desert * Egypt
- 1431 *Grolier, M.J.; Schultejan, P.A*
THE ENVIRONMENT OF SOUTH-CENTRAL TUNISIA AS OBSERVED ON LANDSAT SCENE 206/036
Lang.: eng. 1982. Series title: U.S. Geological Survey, Open File Report. 82-0130. ISSN 0196-1497
Descriptor: Landsat * remote sensing * satellites
Geographical descriptor: Africa * Tunisia
- 1432 *Grove, A.T*
A NOTE ON THE REMARKABLY LOW RAINFALL OF THE SUDAN ZONE IN 1913
Meeting or Conf.: Symposium on Drought in Africa, held July 19-20, 1973
Lang.: eng. 1973. Series title: Savanna. Vol.2(2):p.133-138
Descriptor: aid * maps * isohyets * rainfall * social aspects * government policy * human population * deserts * desertification * drought * precipitation deficit * floods * economic impact * history * water shortage * rivers * lakes * water * storage
Geographical descriptor: Sudan * Sahel * Senegal * Mali * Ghana * Nigeria * Lake Chad * Nile River * Africa
- 1433 *Grove, A.T*
CLIMATE FOR DESERTS
Lang.: eng. 1977. Series title: Geographical Review. Vol.49(10):p.634-638
Descriptor: desertification * climatic change * geologic time * dendrochronology * archaeology * geology * environmental variability
- 1434 *Grove, A.T*
DESERTIFICATION
Lang.: eng. 1977. Series title: Progress in Physical Geography. Vol.1(2):p.296-310
Descriptor: desertification * environmental variability * forecasting * human activity * weather patterns
- 1435 *Grove, A.T*
DESERTIFICATION IN SOUTHERN EUROPE
Lang.: eng. Aug-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.49-57. ISSN 0165-0009
Descriptor: desertification * environmental degradation * vegetation * land use * history * monitoring * habitats * water supply
Geographical descriptor: Europe * Mediterranean Region

- 1436 *Grove, A.T.*
DESERTIFICATION IN THE AFRICAN ENVIRONMENT
Lang.: eng. London, U.K.: University of London. Centre for African Studies. 1973. Series title: African Affairs. Vol.73(291):p.137-151. Note: (Also in) Drought in Africa by D. Dalby and R.J. Harrison (eds.) p.35-45
Descriptor: semiarid climate * lake basins * dessication * desertification * deserts * grazing * vegetation change * climatic change * drought * nomads * paleoclimatology * reforestation
Geographical descriptor: Namibia * Kalahari Desert * East Africa * West Africa * Africa * Sudan * Chad * Nile River * Sahel
- 1437 *Grove, A.T.*
DESERTIFICATION: NATURAL OR MAN-INDUCED?
Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
Lang.: eng. Worcester, MA: Botswana Society. Clark University Press. 1979. p.71-74
Descriptor: desertification * drought * environmental impact * conservation * natural resources * semiarid climate * hazards
Geographical descriptor: Botswana * Africa
- 1438 *Grove, A.T.*
LANDFORMS AND CLIMATIC CHANGE IN THE KALAHARI AND NGAMILAND
Lang.: eng. 1969. Series title: Geographical Journal. Vol.135(2):p.191-212
Descriptor: landforms * climatic change * geomorphology * aerial photography * terrain analysis * dunes
Geographical descriptor: Namibia * Kalahari Desert * Botswana * Africa
- 1439 *Grove, A.T.*
MORPHOLOGY OF ARID ZONE BASINS
Meeting or Conf.: International Geographical Congress, 21st, Delhi, 1968
Lang.: eng. Delhi: International Geographical Congress. 1968. p.328-329
Descriptor: landforms * geomorphology * basins * climatic change * dunes * Quaternary period * geographical origin
Geographical descriptor: Sahara * Kalahari Desert * Lake Eyre * Africa
- 1440 *Grove, A.T.*
RISE AND FALL OF LAKE CHAD
Lang.: eng. 1970. Series title: Geographical Magazine. Vol.42(6):p.433-439
Descriptor: aerial photography * climatic change * reclamation * irrigation * saline soils * lakes
Geographical descriptor: Lake Chad * Chad * Africa
- 1441 *Grove, A.T.*
THE GEOGRAPHY OF ARID LANDS
Lang.: eng. 1977. Series title: Royal Society of London, Philosophical Transactions. Series B. Vol.278:p.457-475
Descriptor: semiarid climate * geography * Quaternary period * paleoclimatology * Holocene epoch * Pleistocene epoch * climatic change * human activity * desertification * coastal areas * economic impact
- 1442 *Gruell, J.*
SYRIEN: TABKA STAUDAMM AM EUPHRAT (Syria: The Tabka Dam on the Euphrates)
Lang.: ger. 1973. Series title: Osterreichische Geographische Gesellschaft. Mitteilungen. Vol.115(1-3):p.272-273
Descriptor: dams * water management * powerplants * irrigation water
Geographical descriptor: Syria * Euphrates River * Middle East * Turkey * Iraq * Tabka Dam
- 1443 *Grunow, J.O.*
RESEARCH RELATING TO THE MANAGEMENT OF SOUTH AFRICAN GRASSLAND ECOSYSTEM
Lang.: eng. 1973. Series title: South African Journal of Science. Vol.69:p.54-56
Descriptor: veld * pastures * grazing * grasses * ecosystems
Geographical descriptor: South Africa * Africa
- 1444 *Geell, S.*
LE CLIMAT DE L'AFRIQUE DU NORD DANS L'ANTIQUITE
Lang.: fre. 1911. Series title: Revue Africaine. Vol.55:p.343-410
Descriptor: paleoclimatology
Geographical descriptor: North Africa * Africa
- 1445 *Guilloteau, J.*
THE PROBLEM OF BUSH FIRES AND BURNS IN LAND DEVELOPMENT AND SOIL CONSERVATION IN AFRICA SOUTH OF THE SAHARA
Lang.: eng. 1956. Series title: Sols Africains. Vol.4(2):p.64-102
Descriptor: veld * fire effects * vegetation * grazing * hydrology * soil types * conservation * grasses * pastures * brush control * soil conservation
Geographical descriptor: South Africa * Africa
- 1446 *Guinea, E.*
ASPECTO FORESTAL DEL DESIERTO; LA VEGETACION LENOSA Y LOS PASTOS DEL SAHARA ESPANOL
Lang.: spa. Madrid, Spain: Instituto Forestal de Investigaciones y Experiencias. 1945. 152p
Descriptor: deserts * afforestation * desert plants
Geographical descriptor: Spanish Sahara * Sahara * Africa
- 1447 *Gurin, P.D.; Neronov, V.M.*
ECOLOGICAL PRINCIPLES FOR CREATING NATURE RESERVES IN THE ARID ZONE OF THE USSR
Lang.: eng. New York: Allerton Press. 1985. Series title: Problems of Desert Development. No.4:p.12-18. ISSN 0278-4750. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: nature reserves * ecology * environmental policy * desertification * arid land
Geographical descriptor: USSR
- 1448 *Guo, S.L.; Qi, W.H.; Li, L.X.*
USE OF THE CATASTROPHE THEORY MODEL TO STUDY THE PROCESS OF DESERTIFICATION
Lang.: chi. 1982. Series title: Acta Geographica Sinica. Vol.37(2):p.183-193
Descriptor: catastrophe theory * desertification
Geographical descriptor: China
- 1449 *Gupta, R.K.*
ANTHROPOGENIC INFLUENCES ON THE VEGETATION OF WESTERN RAJASTHAN
Lang.: eng. 1968. Series title: Vegetatio. Vol.16(1-4):p.79-94
Descriptor: desertification * grazing * introduced species * Prosopis juliflora * plant communities * plant succession * vegetation
Geographical descriptor: Rajasthan * India
- 1450 *Gupta, R.K.*
ECOLOGICAL VIEW OF POPULATION, CLIMATE AND PRODUCTION AS A CONSEQUENCE OF DESERTIFICATION IN THE INDIAN ARID ZONE
Lang.: eng. 1980. Series title: International Journal of Ecological Environmental Science. Vol.6:p.125-137. ISSN 0377-015X
Descriptor: human population * climate * production * desertification * arid land * environmental impact
Geographical descriptor: India
- 1451 *Gupta, S.K.*
SALT MOVEMENT AND DISPERSION: CONVECTION EQUATION, MATERIAL BALANCE CONCEPT
Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1985. Series title: Technical Bulletin/CSSRI Karnal. No.9. 48p
Descriptor: saline soils * soil surveys
- 1452 *Gupta, T.*
THE ECONOMICS OF TREE CROPS OF MARGINAL AGRICULTURAL LANDS WITH SPECIAL REFERENCE TO THE HOT ARID REGION IN RAJASTHAN INDIA
Lang.: eng. 1983. Series title: International Tree Crops Journal. Vol.2(2):p.155-194
Descriptor: agroforestry * tree crops * economics * arid land * marginal land
Geographical descriptor: Rajasthan * India

- 1453 *Gustafsson, Y*
VARIATIONS IN RAINFALL AS A NATURAL CONSTRAINT ON AGRICULTURE
 Lang.: eng. 1977. Series title: *Ambio*. Vol.6(1):p.34-35
Descriptor: food supply * developing countries * environmental variability * rainfall reliability * water storage
- 1454 *Gutierrez, J.R.; Armesto, J.J*
LA DISTRIBUCION DE ACACIACAVEN, MOL., H. ET S. EN CHILE COMO UN INDICADOR DE DESERTIFICACION (The Contribution of Acacia Caven (Mol.) H. and A. in Chile as an Index of a Desertification Process)
 Meeting or Conf.: Congreso Internacional de Estudios de Zonas Aridas y Semiáridas (Congress International on Studies of Arid and Semi-arid Zones), La Serena, Chile, 15-19 Jan. 1980
 Lang.: spa. Santiago, Chile: Universidad de Chile. Programa de Investigacion de Zonas Aridas y Semiáridas. 1980. p.52
Descriptor: plant protection * taxonomy * phytogeography * Acacia caven * desertification
Geographical descriptor: Chile * South America
- 1455 *Gutierrez, R*
LA SEQUIA: REVANCHA DEL AGUA (Drought: Water's Revenge)
 Lang.: spa. Series title: *Panorama Economico (Santiago)*. Vol.242:p.7-9
Descriptor: drought * environmental impact * agriculture * livestock * urban areas
- 1456 *Gutman, G*
NUMERICAL EXPERIMENTS ON LAND SURFACE ALTERATIONS WITH A ZONAL ALLOWING FOR INTERACTION BETWEEN THE GEOBOTANIC STATE AND CLIMATE
 Lang.: eng. Sept. 15, 1984. Series title: *Journal of the Atmospheric Sciences*. Vol.41:p.2679-2685. ISSN 0022-4928
Descriptor: climate * climatology * phytogeography * albedo * deforestation * desertification * evapotranspiration * irrigation
- 1457 *Guy, M.; Mainguet, M*
LES COURANTS DE TRANSPORT EOLIEN AU SAHARA ET LEURS MANIFESTATIONS AU SOL
 Lang.: fre. Paris: Academie des Sciences. 1975. Series title: *Academie des Sciences. Comptes Rendus*. Series D. Vol.281:p.103-106
Descriptor: wind action * atmospheric circulation * eolian soils
Geographical descriptor: Sahara * North Africa * Africa
- 1458 *Guyot, L*
MONITORING OF LARGE PHENOMENA IN DEVELOPING COUNTRIES THROUGH SATELLITE IMAGERY
 Lang.: eng. 1986. Vol.1:p.49-50. Note: (In) *ESA Proceedings of the 1986 International Geoscience and Remote Sensing Symposium (IGARSS '86) on Remote Sensing: Today's Solutions for Tomorrow's Information Needs*
Descriptor: annual variations * deforestation * desertification * environmental monitoring * satellite imagery * rivers * developing countries
- 1459 *Gvozdkov, A.V*
CHARACTERISTICS OF PSAMMOPHYTE TIMBER-SHRUB SPECIES WITH A VIEW TO VARIETY SELECTION IN THE DEVELOPMENT OF CENTRAL ASIAN DESERTS
 Lang.: rus. 1972. Series title: *Tashkent Agricultural Institute. Nauchnyye Trudy*. Vol.25:p.3-22. Note: (In) *Lesovodstvo i lesomelioratsiya (Forestry and Forest Reclamation)*
Descriptor: plant morphology * ecology * afforestation * cultivation * timber stock * deserts * psammophytes
Geographical descriptor: Central Asia
- 1460 *Gwynne, M.D*
THE SOUTH TURKANA EXPEDITION Scientific Papers 1: Preliminary Report on the 1968 Season
 Lang.: eng. 1969. Series title: *Geographical Journal*. Vol.135(3):p.331-342
Descriptor: geology * surveys * expeditions
Geographical descriptor: Kenya * Turkana * Africa
- 1461 *Haacke, W.D*
HERPETOLOGICAL INVESTIGATIONS IN THE SAND SEA OF THE SOUTHERN NAMIB
 Lang.: eng. 1975. Series title: *Transvaal Museum Bulletin*. Vol.15:p.8-10
Descriptor: herpetology * dunes * sand * reptiles * zoogeography
Geographical descriptor: Namibia * Africa
- 1462 *Habib, A*
LUTTE CONTRE L'ENSABLEMENT DES PALMERAIES DANS LE SUD MAROCAIN, MAROC. DEVELOPPEMENT RURAL INTEGRE DANS LES PALMERAIES DU SUD MAROCAIN. PROVINCES D'OUARZAZATE ET D'ERRACHIDIE. RAPPORT DE CONSULTATION (Control of Sand Accumulation in Palm Plantations in South Morocco, Morocco, Integrated Rural Development in Palm Plantations of South Morocco, Ouarzazate and Errachidie Provinces)
 Lang.: fre. UN Doc. no.: *FAO-FO-MOR/78/017*. Rome: Food and Agriculture Organization. Forestry Department. Apr. 1982. 55p
Descriptor: Palmae * desertification * plant protection * soil erosion * soil reclamation * rural development
Geographical descriptor: Morocco * Ouarzazate Province * Errachidie Province * North Africa * Francophone Africa * Africa
- 1463 *Hachicho, M.A*
ENGLISH TRAVELBOOKS ABOUT THE ARAB NEAR EAST IN THE EIGHTEENTH CENTURY
 Lang.: eng. 1964. Series title: *Welt des Islams*. No.9. 206p
Descriptor: tourism * history
Geographical descriptor: Middle East
- 1464 *Hack, J.T*
THE CHANGING PHYSICAL ENVIRONMENT OF THE HOPI INDIANS OF ARIZONA
 Lang.: eng. 1942. Series title: *Harvard University. Peabody Museum of American Archaeology and Ethnology. Papers*. Vol.35(1). 85p
Descriptor: regional geography * physical geography * Hopi Indians * ethnology * American Indians
Geographical descriptor: Southwestern U.S. * Arizona
- 1465 *Hadley, R.F*
EVALUATION OF LAND-USE AND LAND-TREATMENT PRACTICES IN SEMI-ARID WESTERN UNITED STATES
 Lang.: eng. 1977. Series title: *Royal Society of London, Philosophical Transactions*. Series B. Vol.278:p.543-554
Descriptor: land use * reclamation * semiarid climate * arid land * range management * overgrazing * management * flood control * water yield * water spreading
Geographical descriptor: Western U.S.
- 1466 *Hady, M.A.; Shazly, E.M.; Myern, V*
THE USE OF REMOTE SENSING FOR MONITORING DESERTIFICATION PROCESSES AND NATURAL RESOURCES IN DESERT AND ARID AREAS
 Lang.: eng. New York: Harwood Academic Pubs. 1979. Vol.1:p.399-410. Note: (In) *Advances in Desert and Arid Land Technology and Development* by A. Bishay and W.G. McGinnies (eds.), 618p
Descriptor: remote sensing * monitoring * desertification * natural resources
Geographical descriptor: Africa * Egypt * Western Desert
- 1467 *Hafer, G*
FOSSIL FALLS
 Lang.: eng. 1970. Series title: *Desert*. Vol.33(6):p.26-27
Descriptor: glaciers * water flow * topography * paleoclimatology * runoff
Geographical descriptor: Mojave Desert * Death Valley * California * Southwestern U.S.

- 1468 **Hagedorn, H**
DUNE STABILIZATION. A SURVEY OF LITERATURE ON DUNE FORMATION AND DUNE STABILIZATION
Lang.: ger. Eschborn, Germany: Deutsche Gesellschaft fuer Technische Zusammenarbeit. 1977
Descriptor: dunes * dune morphology * sand * eolian soils * wind action * sand control * soil stabilization * bibliographies
Geographical descriptor: Egypt * Africa
- 1469 **Hagedorn, H**
FORMEN UND BILDER DER WUESTE AM BEISPIEL DER SAHARA (Pictures of Deserts With the Sahara as an Example)
Lang.: ger. 1985. Series title: Natur und Museum. Vol.115(7):p.210-230. ISSN 0028-1301
Descriptor: deserts
Geographical descriptor: Sahara * Africa
- 1470 **Haines Young, R.H.; Mather, P.M**
ASSESSMENT OF DESERTIFICATION IN NORTH WEST-PERU
Meeting or Conf.: International Symposium on Remote Sensing of Environment, 18th, Paris, France, Oct. 1-5, 1984, Proceedings
Lang.: eng. 1985. 3 Vols
Descriptor: change * desertification * remote sensing * satellite imagery * classification * digital data
Geographical descriptor: Peru * South America
- 1471 **Hajej, M.S.; Jensen, A.M**
PROJET DE DEVELOPPEMENT DES OASIS IN MAURITANIE; TRAVAUX DE PROTECTION ET DEVIS ESTIMATIFS (Project for oasis development in Mauritania (FADES): protection works and cost estimates)
Lang.: fre. Aug. 1984. 82p. Note: FAO Project: Projet de Stabilisation et Fixation des Dunes
Descriptor: soil stabilization * dunes * oases * projects
Geographical descriptor: Africa * Mauritania
- 1472 **Hajek, E.R.; Pacheco, M.; Passakacqua, A**
ANALISIS BIOCLIMATICO DE LA SEQUIA EN LA ZONA DE TENDENCIA MEDITERRANEA DE CHILE (Bioclimatic Analysis of the Drought in the Region of Mediterranean Climate in Chile)
Lang.: spa. Universidad Catolica de Chile. Laboratorio de Ecologia, Estudios. 1972. 80p
Descriptor: drought * Mediterranean climate * bioclimatology * weather patterns * rainfall * temperature * desertification * revegetation
Geographical descriptor: Chile * South America
- 1473 **Hall, A.I**
DROUGHT AND IRRIGATION IN NORTH-EAST BRAZIL
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1978. 152p
Descriptor: drought * irrigation * desertification * government * political aspects * social aspects * land management
Geographical descriptor: Northeastern Brazil * Brazil * South America
- 1474 **Hall, D.O.; de Groot, P.J**
BIOMASS FOR FUEL AND FOOD: A PARALLEL NECESSITY
Lang.: eng. New York: Plenum Press. 1986. Series title: Advances in Solar Energy: An Annual Review of Research and Development. Vol.3:p.439-476. ISBN 0-306-42364-2
Descriptor: energy resources * biomass * fuels * food
- 1475 **Hall, E**
MANPOWER AND TRAINING
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. Series title: ILCA Bulletin. No.9:p.26-28. Note: (In) Pastoral Development Projects
Descriptor: information * economic development * pastoralism * nomads * livestock * rangelands * water resources
Geographical descriptor: Kenya * Yemen * Africa * Middle East
- 1476 **Hall, E.A.A.; Specht, R.L.; Eardley, C.M**
REGENERATION OF THE VEGETATION OF KOONAMORE VEGETATION RESERVE (SOUTH AUSTRALIA), 1926-1962
Lang.: eng. 1964. Series title: Australian Journal of Botany. Vol.12(2):p.205-264
Descriptor: revegetation * Atriplex * Acacia * Cassia * Lagomorpha * pastures * shrubs * soil erosion
Geographical descriptor: South Australia * Australia * Koonamore Reserve
- 1477 **Hall, N.; et al**
THE USE OF TREES AND SHRUBS IN THE DRY COUNTRY OF AUSTRALIA
Lang.: eng. Canberra, Australia: Australia Department of National Development, Forestry and Timber Bureau. 1972. 558p
Descriptor: erosion * soil types * conservation * topography * vegetation * climate * fire effects * controlled burning * erosion * forests * shrubs * trees
Geographical descriptor: Australia
- 1478 **Hall, T.D**
SOUTH AFRICAN PASTURES, RETROSPECTIVE AND PROSPECTIVE
Lang.: eng. 1934. Series title: South African Journal of Science. Vol.31:p.59-97
Descriptor: drought * overgrazing * carrying capacity * veld * fire effects * grazing systems * pastures * conservation * rainfall
Geographical descriptor: South Africa * Africa
- 1479 **Habwagy, R**
THE IMPACT OF MAN ON SEMI-DESERT VEGETATION IN THE SUDAN
Lang.: eng. 1962. Series title: Journal of Ecology. Vol.50:p.263-273
Descriptor: vegetation change * grazing effects * livestock * environmental impact * exclosures * desertification * desiccation * grasses * shrubs * soil erosion * land management
Geographical descriptor: Sudan * Africa * Sahara
- 1480 **Hamblin, D.J**
EXPERIMENT IN TUNISIA EFFECTS PAUSE IN SPREAD OF SAHARA'S EXPANDING SANDS
Lang.: eng. 1979. Series title: Smithsonian. Vol.10(5):p.32-41
Descriptor: land resources * planning * desertification control * desertification
Geographical descriptor: Tunisia * Sahara * Africa
- 1481 **Hamilton, G.J.; Lang, R.D**
RECLAMATION AND CONTROL OF DRYLAND SALT-AFFECTED SOILS
Lang.: eng. 1978. Series title: New South Wales Soil Conservation Service. Journal. Vol.34(1):p.28-36
Descriptor: salinity * saline soils * vegetation effects * reclamation * grazing * drainage * halophytes * mulching * fertilizers * salts * forage * grasses * fodder plants * dry farming * exclosures * salt tolerance
Geographical descriptor: Australia * New South Wales
- 1482 **Hamilton, L.S**
OVERCOMING MYTHS ABOUT SOIL AND WATER IMPACTS OF TROPICAL FOREST LAND USES (SOIL EROSION AND CONSERVATION)
Lang.: eng. 1985. Series title: Soil Conservation Society of America. Report. No.11:p.680
Descriptor: soils * water * tropical forests * soil erosion * land use * soil conservation
- 1483 **Hammer, T**
REFORESTATION AND COMMUNITY DEVELOPMENT IN THE SUDAN
Lang.: eng. Norway: Christian Michelsen Institute. 1982. Series title: DERAP Publication No.150. 72p. Note: Summary language: Norwegian
Descriptor: Acacia * afforestation * agroforestry * arid land
Geographical descriptor: Sudan * Bara * Africa

- 1484 **Hammer, T**
WOOD FOR FUEL-ENERGY CRISIS IMPLYING DESERTIFICATION: THE CASE OF BARA, THE SUDAN
Lang.: eng. Boulder, CO: Westview Press. 1988. p.176-181.
Note: (In) Whose Trees?: Proprietary Dimensions of Forestry by L. Fortmann and J.W. Bruce, eds
Descriptor: energy crisis * wood * fuelwood * desertification
Geographical descriptor: Sudan * Africa
- 1485 **Hance, W.G**
QUANTIFYING AGRICULTURAL INDICATORS OF DESERT ENCROACHMENT
Meeting or Conf.: International Symposium on Remote Sensing of Environment, Proceedings. First Thematic Conference, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1982. Vol.1:p.181-185. Note: (In) Remote Sensing of Arid and Semi-Arid Lands, 1305p
Descriptor: agriculture * desertline * remote sensing * aerial photography * desertification indicators * Landsat * satellites
Geographical descriptor: Morocco * Sahara * Africa
- 1486 **Hansen, H.P**
POST GLACIAL VEGETATION OF THE NORTHERN GREAT BASIN
Lang.: eng. 1947. Series title: American Journal of Botany. Vol.34(3):p.164-171
Descriptor: paleoclimatology * palynology * arid land * forests * vegetation * shrubs * grasses * Pinus contorta * Pinus monticola * Pinus ponderosa * climatic vegetal relationships * desert plants * climatic change * desertification * Artemisia * Sarcobatus * Atriplex * botany
Geographical descriptor: Great Basin * Oregon
- 1487 **Hansis, R.A**
LAND TENURE, HAZARDS, AND THE ECONOMY: VITICULTURE IN THE MENDOZA OASIS, ARGENTINA
Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.368-371
Descriptor: tenure systems * hazards * economics * social aspects * drought * saline soils * salinity * costs * soil fertility * water shortage * horticultural crops * desertification
Geographical descriptor: Argentina * Mendoza Oasis * South America
- 1488 **Hardan, A**
ARCHAEOLOGICAL METHODS FOR DATING OF SOIL SALINITY IN THE MESOPOTAMIAN PLAIN
Lang.: eng. Jerusalem: International Society of Soil Science. Israel Universities Press. 1971. p.181-187. Note: (In) Paleopedology: Origin, Nature and Dating of Paleosols by D.H. Yaalon (ed.)
Descriptor: archaeology * salinity * soil analysis * saline soils * irrigation water * saline water * irrigation effects
Geographical descriptor: Iraq * Mesopotamian Plain * Euphrates River * Tigris River * Middle East
- 1489 **Hardan, A.; Abbas, A.K**
MECHANISMS OF ACCUMULATION AND DISTRIBUTION OF CALCIUM CARBONATE IN MARSH SOILS OF THE LOWER MESOPOTAMIAN PLAIN
Lang.: eng. Weinheim, West Germany: Verlag Chemie. 1973. p.123-130. Note: (In) Pseudogley and Gley: Genesis and use of Hydromorphic Soils, International Society of Soil Science, Commissions 5 and 6, Transactions by E. Schlichting and U. Schwertmann (eds.), 771p
Descriptor: physico-chemical properties of soils * calcium carbonate * lime * saline water * geomorphology * groundwater * soil formation * vegetation effects * biological controls
Geographical descriptor: Mesopotamian Plain * Tigris River * Euphrates River * Middle East
- 1490 **Hare, F.K**
CLIMATE AND DESERTIFICATION
Lang.: eng. UN Doc. no.: No.:WCP-44. Geneva, Switzerland: World Meteorological Organization. 1983. xviii, 149p
Descriptor: climate * deserts * drought * precipitation * dust * environmental impact * rainfall
- 1491 **Hare, F.; Kates, R.W.; Warren, A**
THE MAKING OF DESERTS: CLIMATE, ECOLOGY, AND SOCIETY
Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.332-346
Descriptor: desertification * desert formation * deserts * climate * ecology * social aspects * climatic change * microenvironment * demography * human population * economics * political aspects * human activity * environmental variability
- 1492 **Hare, F.K**
CLIMATE AND DESERTIFICATION: A REVISED ANALYSIS
Lang.: eng. Doc. no.: WCP-44. Geneva, Switzerland: World Meteorological Organization. 1983. xviii, 149p
Descriptor: climate * deserts * drought * precipitation * dust * environmental impact * rainfall
- 1493 **Hare, F.K**
CHANGING CLIMATE AND HUMAN RESPONSE: THE IMPACT OF RECENT EVENTS OF CLIMATOLOGY
Lang.: eng. 1984. Series title: Geoforum. Vol.15(3):p.383-394
Descriptor: climatic change * human activity * environmental impact * climatology
- 1494 **Hare, F.K**
CLIMATE AND DESERTIFICATION
Lang.: eng. UN Doc. no.: A/Conf. 74/5. 1984. Series title: WMO Bulletin. Vol.33(4):p.288-295
Descriptor: climate * desertification
- 1495 **Hare, F.K**
CLIMATE AND DESERTIFICATION Background document
Meeting or Conf.: United Nations Conference on Desertification, Nairobi
Lang.: eng. UN Doc. no.: A/Conf.74/5. 1977. 140p. Note: A Component Review for United Nations Conference on Desertification, Nairobi
Descriptor: desertification * drought * land use * climate models * shelterbelts * remote sensing * rainfall * climatology * climatic data * climatic change * environmental variability * microenvironment * bibliographies
- 1496 **Hare, F.K**
CLIMATE ON THE DESERT FRINGE
Meeting or Conf.: British Geomorphological Research Group, Conference, London, UK, Mar. 26-30, 1981
Lang.: eng. 1983. p.134-151. ISBN 0-19-823244-6. Note: (In) Mega-Geomorphology by R. Gardner and H. Scoging (eds.)
Descriptor: climate * deserts
- 1497 **Hare, F.K**
CLIMATE VARIATIONS, DROUGHT AND DESERTIFICATION
Lang.: eng. 1985. Series title: WMO Bulletin. No.653. 35p
Descriptor: climate fluctuations * drought * desertification
- 1498 **Hare, F.K**
CLIMATE, DROUGHT AND DESERTIFICATION
Lang.: eng. Jan.-Mar. 1984. Series title: Natural Resources. Vol.20(1):p.2-8. ISSN 0028-0084
Descriptor: climate * drought * desertification
- 1499 **Hare, F.K**
CONNECTIONS BETWEEN CLIMATE AND DESERTIFICATION
Lang.: eng. 1977. Series title: Environmental Conservation. Vol.4(2):p.81-90
Descriptor: desertification * climate * drought * climate models * climatic data * forecasting * land use
- 1500 **Hare, F.K**
IS THE CLIMATE CHANGING? THE STORY SO FAR
Lang.: eng. 1977. Series title: Mazingira. Vol.1:p.18-29
Descriptor: desertification * climatology * forecasting * natural disasters * climatic change * monitoring * planning * environmental variability * economic development

- 1501 **Hare, F.K**
MAN GETS HIS DESERTS
 Lang.: eng. 1977. Series title: *Geographical Magazine*.
 Vol.49(11):p.705-708
Descriptor: desertification * weather modification * rainfall *
 land management * semiarid climate
- 1502 **Hare, F.K**
THE CAUSATION OF THE ARID ZONE
 Lang.: eng. Paris: UNESCO. 1961. Series title: *Arid Zone
 Research*. Vol.17:p.25-30
Descriptor: arid climate * climatic zones * meteorology * air
 masses * distribution * general circulation * winds *
 meteorology * synoptic climatology * aridity
- 1503 **Hare, V.C**
**THE JORDAN VALLEY OF THE FUTURE: DESERT OR
 GARDEN**
 Lang.: eng. 1954. Series title: *Near East*. Vol.7:p.8-15
Descriptor: desertification * land use
Geographical descriptor: Jordan Valley * Middle East
- 1504 **Harishchandra Mathur State Institute of Public Administration**
**REPORT OF THE SEMINAR ON DEVELOPMENT OF
 DESERT AND DROUGHT PRONE AREAS, 6-8 MARCH 1981**
 Meeting or Conf.: Seminar on Development of Desert and
 Drought Prone Areas, Jaipur, India, Mar. 6-8, 1981
 Lang.: eng. Jaipur, India: The Institute. 1981. iv, 118p
Descriptor: deserts * drought * reclamation * desertification
 control
Geographical descriptor: India
- 1505 **Harrington, G.N.; Wilson, A.D.; Young, M.D**
MANAGEMENT OF AUSTRALIA'S RANGELANDS
 Lang.: eng. East Melbourne, Australia: CSIRO. Division of
 Wildlife and Rangelands Research. 1984. xi, 354p
Descriptor: rangelands * land management * grazing * animal
 production * economic development * pastoralism * nomads *
 soil degradation * rainfall * water management * soil surveys *
 environmental conservation
Geographical descriptor: Australia
- 1506 **Harris, D.R**
**RECENT PLANT INVASIONS IN THE ARID AND SEMI-ARID
 SOUTHWEST OF THE UNITED STATES**
 Lang.: eng. 1966. Series title: *Association of American
 Geographers. Annals*. Vol.56(3):p.408-422
Descriptor: semiarid climate * Prosopis * shrubs * plant
 invaders * land use * desert grassland * Tamarix * grazing *
 plains * plateaus * trees
Geographical descriptor: Southwestern U.S
- 1507 **Haryana Agricultural University. Directorate of Project-cum-Plan
 Formulation**
BULLETIN ON DESERT MANAGEMENT OF HARYANA
 Lang.: eng. Hissar, India: Haryana Agricultural University
 1979. 145p
Descriptor: deserts * desert development * desert ecology * arid
 land * agricultural development * rural development *
 desertification
Geographical descriptor: India * Haryana
- 1508 **Hash, C.T.; Mbatha, B**
**KENYA MARGINAL/SEMI-ARID LANDS PRE-INVESTMENT
 INVENTORY**
 The Economics of Small-Holder Agriculture in
 Two Areas of the Semi-Arid Lands of Kenya: Final Report
 Lang.: eng. Nairobi, Kenya: S. Agency for International
 Development. Consortium for International Development. 1978.
 Series title: *Economic Report*. No.3. xi, 177p. Note: Prepared
 for the Government of Kenya
Descriptor: marginal lands * land management * agricultural
 production * economic development * drought * livestock
Geographical descriptor: Kenya * Africa
- 1509 **Hashizume, W**
**SOIL EROSION CONTROL MEASURES IN GLENELG
 CATCHMENT, VICTORIA, AUSTRALIA**
 Lang.: jap. 1983. Series title: *Chigaku Zasshi Journal of
 Geography*. Vol.92(4):p.250-260. ISSN 0022-135X
Descriptor: erosion control * catchments * soil erosion
Geographical descriptor: Glenelg Catchment * Victoria *
 Australia
- 1510 **Hashmi, M.I.A.; Akram, M**
**MAIN CHARACTERISTICS OF FORT ABBAS TEST SITE,
 PAKISTAN, SELECTED TO MONITOR DESERTIFICATION
 PROCESS**
 Lang.: eng. June 1984. Series title: *Bulletin of Irrigation
 Drainage and Flood Control Research Council of Pakistan*.
 Vol.14(1):p.13-15
Descriptor: desertification * natural disasters
Geographical descriptor: Pakistan * South Asia * Fort Abbas *
 Asia
- 1511 **Hassan, A.E.M.M**
**TRANSNATIONAL PROJECT ON THE MAJOR REGIONAL
 AQUIFER IN NORTHEAST AFRICA (SUDAN)**
 Lang.: eng. Brookings, SD: South Dakota State University.
 Remote Sensing Institute. 1985. 22p
Descriptor: aquifers * water projects * water resources *
 resource management
Geographical descriptor: Africa * Sudan
- 1512 **Hassanyar, A.S**
**RESTORATION OF ARID AND SEMI-ARID ECOSYSTEMS
 IN AFGHANISTAN**
 Lang.: eng. 1977. Series title: *Environmental Conservation*.
 Vol.4(4):p.297-301
Descriptor: ecosystems * mapping * overgrazing * land use *
 productivity * plant establishment * revegetation
Geographical descriptor: Afghanistan * Asia
- 1513 **Hastings, J.R**
**HISTORICAL CHANGES IN THE VEGETATION OF A
 DESERT REGION**
 Lang.: eng. Tucson, AZ: University of Arizona Press. 1963.
 499p. Note: Ph.D. Dissertation
Descriptor: desert grassland * time lapse photography *
 vegetation change * climatic vegetal relationships * climatic
 change * fire effects * grazing * elevation * plant invaders *
 phytogeography * weeds * Prosopis * Cercidium * Quercus *
 grasslands * biome
Geographical descriptor: Arizona
- 1514 **Hastings, J.R.; Turner, R.M**
**THE CHANGING MILE: AN ECOLOGICAL STUDY OF
 VEGETATION CHANGE WITH TIME IN THE LOWER MILE
 OF AN ARID AND SEMI-ARID REGION**
 Lang.: eng. Tucson, AZ: University of Arizona Press. 1965.
 317p
Descriptor: time lapse photography * arid land * arid climate *
 semiarid climate * erosion * vegetation change * history *
 grazing * fire effects * animal damage * shrubs * gully erosion
 * desiccation * biogeography * desert grassland * climatic
 vegetal relationships * forests * deserts * environmental
 impact * Prosopis * desertification * climatic change
Geographical descriptor: Southwestern U.S. * Arizona * New
 Mexico * Mexico
- 1515 **Hastings, J.R**
**VEGETATION CHANGE AND ARROYO CUTTING IN
 SOUTHEASTERN ARIZONA**
 Lang.: eng. 1959. Series title: *Arizona Academy of Science
 Journal*. Vol.1:p.60-67
Descriptor: climatic change * grazing * desert grassland *
 grasslands * grassland biome * history * climatic vegetal
 relationships * gully erosion * soil erosion * climatic data *
 vegetation change * range management * carrying capacity
Geographical descriptor: Arizona * Southwestern U.S

- 1516 **Haude, W**
UEBER VI JAEHRIGE SCHWANKUNGEN DER TEMPERATUR UND IHRE BEZIEHUNGEN ZUR GESTALTUNG DES WASSERHAUSHALTS IM NORDOESTLICHEN AFRIKA
Lang.: ger. 1963. Series title: Meteorologische Rundschau. Vol.16(5):p.134-141
Descriptor: atmospheric precipitation * weather patterns * temperature * history
Geographical descriptor: Egypt * Sudan * Africa
- 1517 **Haude, W**
UEBER VIELJAEHRIGE SCHWANKUNGEN DER NIEDERSCHLAEGE IM VORDEREN ORIENT UND NORDOESTLICHEN AFRIKA UND IHRE AUSWIRKUNG AUF DIE AUSBREITUNG VON MENSCH UND TIER
Lang.: ger. 1963. Series title: Erde. Vol.94:p.281-312
Descriptor: history * atmospheric precipitation * wet seasons * humans * zoogeography * distribution patterns * environmental variability
Geographical descriptor: North Africa * Africa
- 1518 **Hauptert, J.S**
RECENT PROGRESS ON JORDAN'S EAST GHOR CANAL
Lang.: eng. 1966. Series title: Professional Geographer. Vol.18:p.9-13
Descriptor: canals * water management
Geographical descriptor: Jordan * Middle East * East Ghor Canal
- 1519 **Haury, E.W**
POST-PLEISTOCENE HUMAN OCCUPATION OF THE SOUTHWEST
Meeting or Conf.: Symposium held before the Thirty-Third Annual Meeting of the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science, Apr. 30, 1957, Tucson, AZ
Lang.: eng. Tucson, AZ: University of Arizona Press. 1958. p.69-75. Note: (In) Climate and Man in the Southwest by T.L. Smiley (ed.)
Descriptor: settlements * animal populations * paleoclimatology * distribution patterns * food supply * climatic change * dessication * desertification * surface water * water loss * soil water plant relationships * plant succession * arid climate
Geographical descriptor: Sonoran Desert * Southwestern U.S. * Arizona * New Mexico * Nevada
- 1520 **Hawkins, T.D**
RESPONSE TO DROUGHT IN SUKUMALAND, TANZANIA
Lang.: eng. New York: Oxford University Press. 1974. p.98-104. Note: (In) Natural Hazards: Local, National, and Global by G.F. White (ed.)
Descriptor: drought
Geographical descriptor: Tanzania * Africa
- 1521 **Haynes Jr., C.V**
GREAT SAND SEA AND SELIMA SAND SHEET, EASTERN SAHARA: GEOCHRONOLOGY OF DESERTIFICATION
Lang.: eng. 1982. Series title: Science. Vol.217(4560):p.629-633
Descriptor: sand * geochronology * desertification
Geographical descriptor: Great Sand Sea * Africa * Selima Sand Sheet * Eastern Sahara
- 1522 **Haynes Jr., C.V**
THE DARB EL ARBA IN DESERT: A PRODUCT OF QUATERNARY CLIMATIC CHANGE
Lang.: eng. 1981. Series title: Annual Geological Survey of Egypt. Vol.11:p.91-117
Descriptor: climatic change * geology * research * surveys * deserts
Geographical descriptor: Darb el Arba * Egypt * Africa
- 1523 **Heady, H.F**
ECOLOGICAL CONSEQUENCES OF BEDOUIN SETTLEMENT IN SAUDI ARABIA
Lang.: eng. New York: Natural History Press. 1972. p.683-693. Note: (In) The Careless Technology: Ecology and International Development by M.T. Farvar and J.P. Milton (eds.), 1030p
Descriptor: nomads * environmental impact * social aspects * economic development * oil fields * water resources * resource development * water supply * salinity * drought * livestock * grazing * regional geography
Geographical descriptor: Saudi Arabia * Arabian Desert * Middle East
- 1524 **Heady, H.F.; Bartolome, J**
THE VALE RANGELAND PROGRAM. THE DESERT REPAIRED IN SOUTHERN OREGON
Lang.: eng. Oxford U.K.: Pergamon Press. 1980. p.311-423. Note: (In) Desertification. Associated Case Studies Prepared for the United Nations Conference on Desertification by M.R. Biswas and A.K. Biswas (eds.), 523p
Descriptor: case studies * arid land * reclamation * deserts * range management * range improvement
Geographical descriptor: Oregon
- 1525 **Heathcote, R.L**
BACK OF BOURKE: A STUDY OF LAND APPRAISAL AND SETTLEMENT IN SEMI-ARID AUSTRALIA
Lang.: eng. Melbourne: Melbourne University Press. 1965. 244p
Descriptor: settlements * pastures * land use * carrying capacity * grazing * erosion * drought * conservation
Geographical descriptor: Queensland * New South Wales * Australia
- 1526 **Heathcote, R.L**
CONSERVATION OF OPPORTUNE USE: THE PASTORALISTS' PROBLEM IN SEMI-ARID AUSTRALIA
Lang.: eng. 1964. Series title: Advancement of Science. Vol.21:p.47-60
Descriptor: environmental protection * pastoralism * land use * grazing * pastures
Geographical descriptor: Australia
- 1527 **Heathcote, R.L**
DROUGHT IN AUSTRALIA: A PROBLEM IN PERCEPTION
Lang.: eng. 1969. Series title: Geographical Review. Vol.59(2):p.175-194
Descriptor: meteorology * climatology * drought * drought tolerance * dessication * environmental impact
Geographical descriptor: Australia
- 1528 **Heathcote, R.L**
DROUGHT MITIGATION IN AUSTRALIA: REDUCING THE LOSSES BUT NOT REMOVING THE HAZARD
Lang.: eng. 1986. Series title: Great Plains Quarterly. Vol.6(3):p.225-237
Descriptor: drought * natural disasters * desertification * famine
Geographical descriptor: Australia
- 1529 **Heathcote, R.L**
PERCEPTION OF DESERTIFICATION IN THE MURRAY MALLEE OF SOUTHERN AUSTRALIA
Lang.: eng. Tokyo: United Nations University. 1980. p.60-96. ISBN 92-808-0190-2. Note: (In) Perception of Desertification by R.L. Heathcote (ed.)
Descriptor: desertification
Geographical descriptor: Murray Mallee * Southern Australia * Australia
- 1530 **Heathcote, R.L**
PERCEPTION OF DESERTIFICATION ON THE SOUTHERN GREAT PLAINS: A PRELIMINARY ENQUIRY
Lang.: eng. Tokyo: United Nations University. 1980. p.34-59. ISBN 92-808-0190-2. Note: (In) Perception of Desertification by R.L. Heathcote (ed.), 134p
Descriptor: desertification
Geographical descriptor: Southern Great Plains * Australia

- 1531 *Heathcote, R.L.*
SUMMARY AND CONCLUSIONS: THE ROLE OF PERCEPTION IN THE DESERTIFICATION PROCESS
Lang.: eng. Tokyo: United Nations University. 1980. p.120-134. ISBN 92-80-0190-2. Note: (In) Perception of Desertification by R.L. Heathcote (ed.), 134p
Descriptor: desertification
- 1532 *Heathcote, R.L.; Williams, M.*
TECHNOLOGICAL SUCCESS, URBAN GROWTH, AND RURAL DEPOPULATION: THE MALLEE OF SOUTH AUSTRALIA
Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.385-387
Descriptor: desertification * urbanization * economic impact * social aspects * mallee
Geographical descriptor: South Australia * Australia * Murray Mallee
- 1533 *Heathcote, R.L. (ed.)*
PERCEPTION OF DESERTIFICATION
Lang.: eng. Tokyo: United Nations University. No.10. 1980. 134p. ISBN 92-808-0190-2
Descriptor: desertification * plant protection * soil erosion * soil reclamation * geography
- 1534 *Hecht, M.E.*
THE DECLINE OF THE GRASS LAWN TRADITION IN TUCSON
Lang.: eng. 1975. Series title: Landscape. Vol.19(3):p.3-10
Descriptor: landscaping * environmental engineering * social aspects * vegetation effects
Geographical descriptor: Arizona * Southwestern U.S
- 1535 *Heckendorf, W.F.*
ZUM KLIMADES TIBESTI-GEIRGES(On the Climate of the Tibesti Mountains)
Lang.: ger. 1972. Series title: Berliner Geographische Abhandlungen. Vol.16:p.123-142. Note: (In) Arbeitsberichte aus der Forschungsstation Bardai/Tibesti III, Berlin
Descriptor: arid climate * solar radiation * climate
Geographical descriptor: Tibesti Mountains * Chad * Africa
- 1536 *Hecq, J.*
DESERTIFICATION ET DEVELOPPEMENT: EVOLUTION, PERSPECTIVES, REMEDES(Desertification and Development: Evolution, Perspectives, Remedies)
Meeting or Conf.: Colloque International: Developpement Agricole et Conservation du Patrimoine Naturel dans les Pays du Tiers-Monde, Gembloux, Belgium, 9-11 Oct. 1985
Lang.: fre. 1985. Series title: Bulletin des Recherches Agronomiques de Gembloux. Vol.20(3-4, pt.1):p.323-337. ISSN 0435-2033
Descriptor: desertification * environmental impact * climatic change * environmental protection * environmental factors * natural disasters * site factors * natural resources
- 1537 *Hedberg, I.; Hedberg, O.*
CONSERVATION OF VEGETATION IN AFRICA SOUTH OF THE SAHARA
Lang.: eng. 1968. Series title: Acta Phytogeographica Suecica. Vol.54. 320p. Note: Proceedings of a symposium held at Uppsala 1966
Descriptor: environmental conservation * veld
Geographical descriptor: South Africa * Southern Africa * Namibia * Africa
- 1538 *Heemstra, H.H.*
PILOT PROJECT FOR THE DEVELOPMENT OF THE NATURAL RESOURCES AND FOR COMBATING DESERTIFICATION ON DJIBOUTI COASTAL PLAIN. CONSULTANCY MISSION REPORT FROM 10 TO 21 FEB 1985
Lang.: eng. UN Doc. no.: FAO-AGO-UNSO/DES/DJI/001. 1985. 39p
Descriptor: natural resources * plant protection * soil erosion * soil reclamation
Geographical descriptor: Djibouti * Africa
- 1539 *Heijnen, J.; Kates, R.W.*
NORTHEAST TANZANIA: COMPARATIVE OBSERVATIONS ALONG A MOISTURE GRADIENT
Lang.: eng. New York: Oxford University Press. 1974. p.105-114. Note: (In) Natural Hazards: Local, National and Global by G.F. White (ed.)
Descriptor: drought * gradients * moisture * natural disasters
Geographical descriptor: Tanzania * Africa
- 1540 *Heilmair, E.*
LA ACTIVIDAD SOLAR Y AL PERIODICIDAD DE LAS SEQUIAS EN CHILE(Solar Activity and Drought Periodicity in Chile)
Lang.: spa. Series title: Orbita (Santiago). Vol.2(4):p.22-33
Descriptor: drought * solar radiation * weather patterns
Geographical descriptor: Chile * South America
- 1541 *Heinzelin, J.*
OBSERVATIONS SUR LES TERRACES DU MOYEN-EUPHRATE(Observations on the Terraces of the Middle Euphrates)
Lang.: fre. 1965. Series title: Societe Geologique de France, Bulletin. Vol.7(7):p.37-44
Descriptor: reservoirs * geomorphology * alluvium * archaeology * fluvial process * Tertiary period * terraces flood plains
Geographical descriptor: Euphrates River * Middle East
- 1542 *Hekstra, G.P.; Liverman, D.M.*
GLOBAL FOOD FUTURES AND DESERTIFICATION
Lang.: eng. Aug.-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.59-66. ISSN 0165-0009
Descriptor: desertification * food supply * agricultural production * FAO * global survey * environmental degradation
- 1543 *Helland, J.; Norderhaug, M.*
DESERTIFICATION AND DEVELOPMENT IN THE SAHEL-SUDAN-ETHIOPIA REGION. RESEARCH PROBLEMS AND PRIORITIES
Lang.: eng. Oslo: Norwegian Ministry of Development Cooperation. 1985. 133p. Note: Summary language: Norwegian
Descriptor: desertification * rural development * research
Geographical descriptor: Sudan * Sahel * Ethiopia * Africa
- 1544 *Hellden, U.*
A TEST OF LANDSAT-2 IMAGERY AND DIGITAL DATA FOR THEMATIC MAPPING, ILLUSTRATED BY AN ENVIRONMENTAL STUDY IN NORTHERN KENYA
Lang.: eng. 1980. Series title: RSL Research Report. Vol.47. 63p
Descriptor: Landsat * mapping * environmental studies * thematic mapping
Geographical descriptor: Kenya * Africa
- 1545 *Hellden, U.*
AN ASSESSMENT OF WOODY BIOMASS, COMMUNITY FORESTS, LAND USE, AND SOIL EROSION IN ETHIOPIA: A FEASIBILITY STUDY ON THE USE OF REMOTE SENSING AND GIS-ANALYSIS FOR PLANNING PURPOSES IN DEVELOPING COUNTRIES
Lang.: eng. Lund: Lund University Press. 1987. Series title: Lund Studies in Geography. Series C. No.14. 75p
Descriptor: forests * land management * soil degradation * remote sensing * soil maps * natural resources * Landsat
Geographical descriptor: Ethiopia * Africa
- 1546 *Hellden, U.; Olsson, L.; Stern, M.*
APPROACHES TO DESERTIFICATION MONITORING IN THE SUDAN
Lang.: eng. Paris: European Space Agency. 1982. p.131-144. Note: (In) Satellite Remote Sensing for Developing Countries by N. Longden and G. Levy (eds.)
Descriptor: desertification * monitoring * satellite imagery * remote sensing * developing countries * multispectral imagery * soil fertility * deserts * satellite surveys
Geographical descriptor: Sudan * Africa

- 1547 **Hellden, U**
APPROACHES TO DESERTIFICATION MONITORING IN THE SUDAN USING LANDSAT DATA: A TEST OF A GEOGRAPHICAL DATABASE APPROACH- PRELIMINARY RESULTS
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, Proceedings, First Thematic Conference, Cairo, Egypt, Jan. 19-25, 1982
 Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1982. Vol.1:p.427-436. Note: (In) Remote Sensing of Arid and Semi-Arid Lands
Descriptor: desertline * environmental monitoring * Landsat * satellites * remote sensing * arid land * data bases * feasibility studies * geographic information systems * land use * thematic mapping
Geographical descriptor: Sahara * Africa * Sudan
- 1548 **Hellden, U**
DESERTIFICATION MONITORING: IS THE DESERT ENCROACHING?
 Lang.: eng. Nairobi, Kenya: UNEP. 1988. Series title: Desertification Control Bulletin. No.17:p.8-12. ISSN 0379-2455
Descriptor: deserts * surveys * environmental degradation * satellite imagery * human activity * land use * dunes * remote sensing * environmental impact
Geographical descriptor: Sudan * Sahara Desert * Africa
- 1549 **Hellden, U**
DESERTIFICATION MONITORING: REMOTELY SENSED DATA FOR DROUGHT IMPACT STUDIES IN THE SUDAN
 Lang.: eng. May 1986. p.417-428. Note: (In) ESA Proceedings of an International Satellite Land-Surface Climatology Project (ISLSCP) Conference
Descriptor: agriculture * desertification * drought * human ecology * crops * environmental effects * Landsat * satellites * NOAA * remote sensing * vegetation
Geographical descriptor: Sudan * Africa
- 1550 **Hellden, U**
DROUGHT IMPACT MONITORING. A REMOTE SENSING STUDY OF DESERTIFICATION IN KORDOFAN, SUDAN
 Lang.: eng. Lund: Lund Universitets Naturgeografiska Institution. Nov. 1984. Series title: Rapportert och Notiser. No.61. 57p
Descriptor: desertification * remote sensing * semiarid lands * aerial surveys * climatic zones * environmental impact * natural disasters * site factors * drought
Geographical descriptor: Kordofan * Sudan * Anglophone Africa * East Africa * Africa South of Sahara * Africa
- 1551 **Hellden, U.; Stern, M**
EVALUATION OF LANDSAT IMAGERY AND DIGITAL DATA FOR MONITORING DESERTIFICATION INDICATORS IN TUNISIA
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, 14th, Proceedings, San Jose, Costa Rica, Apr. 23-30, 1980
 Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1980. Vol.3:p.1601-1610
Descriptor: arid land * deserts * environmental monitoring * satellite borne photography * classification * digital data * ground truth * photomapping
Geographical descriptor: Tunisia * Africa
- 1552 **Hellden, U**
FJAERRANALYS OER MILJOE OEVERVAKNINGSTUDIER AV MARKFOERSTOERING OCH OEKENSPRIDNING I AFRIKA (Remote Sensing for Environmental Monitoring. Studies of Land Degradation and Desertification in Africa)
 Lang.: swe. 1982. Series title: Svensk Geografisk Aarsbok. Vol.58:p.87-108. ISSN 0081-9808. Note: Summary language: English
Descriptor: land degradation * desertification * soil deterioration * land use * remote sensing * injurious factors * natural disasters * resource allocation * resource development
Geographical descriptor: Sudan * Kenya * Tunisia * Africa South of Sahara * Anglophone Africa * East Africa * Francophone Africa * North Africa * Africa
- 1553 **Hellden, U**
LAND DEGRADATION AND LAND PRODUCTIVITY MONITORING: NEEDS FOR AN INTEGRATED APPROACH. GIS GEOGRAPHICAL INFORMATION SYSTEM. GIS
 Meeting or Conf.: Land Management and Survival, Uppsala, Sweden, Mar. 20-22, 1985
 Lang.: eng. Uppsala, Sweden: Nordiska Afrikainst. 1985. Series title: Seminar Proceedings from the Scandinavian Institute of African Studies. No.16. p.77-87. ISBN 91-7106-244-0. Note: (In) Land Management and Survival by A. Hjort (ed.)
Descriptor: remote sensing * desertification * soil deterioration * monitoring * forecasting * land degradation * semiarid lands * land productivity * developing countries * climatic zones * economic geography * environmental factors * injurious factors * natural disasters * site factors
Geographical descriptor: Africa
- 1554 **Hellden, U.; Stern, M**
MONITORING LAND DEGRADATION IN SOUTHERN TUNISIA: A TEST OF LANDSAT IMAGERY AND DIGITAL DATA
 Lang.: eng. Lund, Sweden: Lunds Universitets Naturgeografiska Institution. 1980. Series title: Rapportert och Notiser. No.48. 42p
Descriptor: desertification * satellites * Landsat * land degradation * remote sensing
Geographical descriptor: Tunisia * Africa
- 1555 **Hellden, U**
OEKENSPRIDNING I SUDAN. SATELLITDATA FOER OEVERVAKNING AV LANDSKAPETS PRODUKTIVITET (Desertification in the Sudan. Satellite Data for Landscape Productivity Monitoring)
 Lang.: swe. 1985. Series title: Svensk Geografisk Aarsbok. Vol.61:p.166-169. ISSN 0081-9808. Note: Summary language: English
Descriptor: desertification * remote sensing * semiarid lands * aerial surveys * climatic zones * environmental factors * natural disasters * precipitation * site factors
Geographical descriptor: Sudan * Anglophone Africa * East Africa * Africa
- 1556 **Hellden, U**
REMOTE SENSING FOR DROUGHT IMPACT ASSESSMENT: A STUDY OF LAND TRANSFORMATION IN KORDOFAN, SUDAN
 Lang.: eng. 1985. Series title: Advances in Space Research. Vol.4(11):p.165-168
Descriptor: desertification * remote sensing * satellites * biomass * drought * environmental impact
Geographical descriptor: Sudan * Africa * Kordofan
- 1557 **Hellden, U**
SATELLITE DATA FOR REGIONAL STUDIES OF DESERTIFICATION AND ITS CONTROL. APPROACHES TO REHABILITATION OF DEGRADED ECOSYSTEMS IN AFRICA
 Lang.: eng. Lund, Sweden: Lunds Universitets Naturgeografiska Institution. May 1981. Series title: Rapportert och Notiser. No.50. 17p. ISSN 0348-3339
Descriptor: plant protection * soil erosion * soil reclamation * desertification
Geographical descriptor: Africa
- 1558 **Hemming, C.F**
THE ECOLOGY OF THE COASTAL AREA OF NORTHERN ERITREA
 Lang.: eng. 1961. Series title: Journal of Ecology. Vol.49:p.55-78
Descriptor: dunes * wind erosion * climatic change * geomorphology * coastal areas * deserts * plant ecology * sand
Geographical descriptor: Eritrea * Red Sea * Ethiopia * Africa

- 1559 *Hemming, C.F.*
THE VEGETATION OF THE NORTHERN REGION OF THE SOMALI REPUBLIC
Lang.: eng. 1966. Series title: *Linnean Society of London. Proceedings.* Vol.177(2):p.173-250
Descriptor: vegetation * climate * soil types * phytogeography * overgrazing * *Andropogon* * *Panicum* * *Cenchrus* * *Eragrostis*
Geographical descriptor: Somalia * Africa
- 1560 *Hemming, C.F.*
VEGETATION ARCS IN SOMALILAND
Lang.: eng. 1965. Series title: *Journal of Ecology.* Vol.53:p.57-67
Descriptor: vegetation * overgrazing * sheet erosion * phytogeography
Geographical descriptor: Somalia * Africa
- 1561 *Henderson Sellers, A.; Ormiz, V.*
POSSIBLE CLIMATIC IMPACTS OF LAND COVER TRANSFORMATIONS, WITH PARTICULAR EMPHASIS ON TROPICAL DEFORESTATION
Lang.: eng. 1984. Series title: *Climatic Change.* Vol.6(3):p.231-257
Descriptor: climatic change * deforestation * tropics
- 1562 *Hendricks, D.M.; Neufeld, W.D.; Grossman, R.B.*
PROBLEMS ASSOCIATED WITH THE U.S. SYSTEM OF SOIL TAXONOMY MINERALOGY CLASSES IN ARID REGIONS
Meeting or Conf.: Proceedings of a Symposium Sponsored by Divisions S-5 and S-9 of the Soil Science Society of America
Lang.: eng. 1985. p.41-52. ISBN 0-89118-777-4. ISSN 0081-1904. Note: (In) *Mineral Classification of Soils*
Descriptor: soil classification * physico-chemical properties of soils * arid land
- 1563 *Hendry, P.*
THE DESERT'S CHALLENGE...AND THE HUMAN RESPONSE. DIMENSIONS AND PERCEPTIONS
Lang.: ara. Mar.-Apr. 1986. Series title: *Ceres. FAO Review on Agriculture and Development.* Vol.19(2):p.17-21. Note: Also in English, French, Spanish
Descriptor: desertification * land use * natural disasters * resource allocation * resource development
- 1564 *Hendry, P.*
WHERE THE DESERT STOPS
Lang.: eng. 1984. Series title: *Ceres. FAO Review on Agriculture and Development.* Vol.17(2):p.20-24. Note: Also in English, French, Spanish
Descriptor: land improvement * desertification
Geographical descriptor: China * Asia
- 1565 *Henley, P.*
MILITARY ASPECTS OF DESERT PROCESSES
Lang.: eng. U.S. Geological Survey. 1987. Series title: *U.S. Geological Survey. Circular.* No.989:p.14. ISSN 0364-6017. Note: (In) *A Workshop on Desert Processes* by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: military * deserts
- 1566 *Henning, I.; Henning, D.*
ZUM WARMEHAUSHALT UND HYDROKLIMA DER NORDAMERIKANISCHEN WESTEN (A Contribution to the Heat Balance and Hydroclimate of the North American Deserts)
Lang.: ger. Bundesrepublik Deutschland: Universitat Muenster. Institut fur Geographic. 1984. Series title: *Archives for Meteorology, Geophysics, and Bioclimatology.* Series B. Vol.34(4):p.341-352
Descriptor: hydroclimate * deserts * heat balance * climatology
Geographical descriptor: North America
- 1567 *Henricksen, B.L.; Durkin, J.W.*
GROWING PERIOD AND DROUGHT EARLY WARNING IN AFRICA USING SATELLITE DATA
Lang.: eng. Nov. 1986. Series title: *International Journal of Remote Sensing.* Vol.7:p.1583-1608. ISSN 0143-1161
Descriptor: drought * satellite observation * soil moisture * vegetation growth * vegetative index * remote sensing * environmental models * evapotranspiration * NOAA * satellites * precipitation * meteorology * water balance
Geographical descriptor: Africa
- 1568 *Hessary, I.K.; Gifford, G.F.*
IMPACT OF VARIOUS RANGE IMPROVEMENT PRACTICES ON WATERSHED PROTECTIVE COVER AND ANNUAL PRODUCTION WITHIN THE COLORADO RIVER BASIN
Lang.: eng. 1979. Series title: *Journal of Range Management.* Vol.32(2):p.134-140
Descriptor: range management * watershed management * surveys * pitting * sagebrush * loam soils * clay loam * *Pinus edulis* * *Juniperus* * desert plants * shrubs * brush control
Geographical descriptor: Colorado River Basin
- 1569 *Hewitt, K.*
DESERTIFICATION, DEVELOPMENT, AND THE 'ADMIRALS' OF MANCHAR LAKE IN SIND, PAKISTAN
Lang.: eng. 1977. Series title: *Economic Geography.* Vol.53(4):p.358-363
Descriptor: desertification * social aspects * fishing * human activity * lakes * drought * economic impact
Geographical descriptor: Pakistan * Sind * Manchar Lake * Middle East
- 1570 *Heymans, J.C.; Petit, J.M.*
ETUDE ET AMENAGEMENT DE LA FORET CLASSEE DES MONTS KOUFFE (Study and Development of Mounts Kouffe Classified Forest. Benin. Preliminary Note)
Lang.: fre. 1985. Series title: *Tropicultura.* Vol.3(3):p.88-92. ISSN 0071-3312. Note: Summary language: English, French
Descriptor: nature reserves * afforestation * desertification * economics * nature conservation * higher education * forestry practices * land use * natural disasters * resource allocation * resource development
Geographical descriptor: Benin * Francophone Africa * Africa
- 1571 *Hidore, J.J.; Albokhair, Y.*
SAND ENCROACHMENT IN AL-HASA OASIS, SAUDI ARABIA
Lang.: eng. 1982. Series title: *Geography Review.* Vol.72(3):p.350-356
Descriptor: sand * desertification
Geographical descriptor: Al Hassa Oasis * Saudi Arabia * Middle East
- 1572 *Hilty, S.L.*
ENVIRONMENTAL REPORT ON THE KINGDOM OF LESOTHO
Lang.: eng. Tucson, AZ: University of Arizona. College of Agriculture. Office of Arid Lands Studies. May 1982. 121p
Descriptor: environmental surveys
Geographical descriptor: Lesotho * Africa
- 1573 *Hinchey, M.T. (ed.)*
PROCEEDINGS OF THE SYMPOSIUM ON DROUGHT IN BOTSWANA, NATIONAL MUSEUM, GABORONE, BOTSWANA, JUNE 5TH TO 8TH 1978
Meeting or Conf.: Symposium on Drought in Botswana, Gaborone
Lang.: eng. [Gaborone?]: Botswana Society in collaboration with Clark University Press. 1978. 305p. Note: Cover title: *Symposium on Drought in Botswana*
Descriptor: drought * climate * rainfall * water resources * food supply * food production * environmental law * economic development * livestock
Geographical descriptor: Botswana * Africa

- 1574 *Hingston, F.J.; Gailitis, V*
THE GEOGRAPHIC VARIATION OF SALT PRECIPITATED OVER WESTERN AUSTRALIA
Lang.: eng. 1976. Series title: Australian Journal of Soil Research. Vol.14(3):p.319-335
Descriptor: geography * salts * rainfall * atmospheric precipitation * surveys * airborne salts
Geographical descriptor: Australia * Western Australia
- 1575 *Hiraoka, M.; Yamamoto, S*
CHANGING AGRICULTURAL LAND USE IN THE AGRESTE OF NORTHEAST BRAZIL
Lang.: eng. 1981. Series title: Latin American Studies. No.2:p.82-124. Note: (In) Natural Environments, Agriculture, and Disease in Northeast Brazil
Descriptor: land use * agricultural development * social aspects * political aspects
Geographical descriptor: South America * Brazil * Northeastern Brazil
- 1576 *Hirsch, R.M*
STOCHASTIC HYDROLOGIC MODEL FOR DROUGHT MANAGEMENT LONG-RANGE WATER-SUPPLY FORECASTING
Lang.: eng. Oct. 1981. Series title: Journal of Water Resource Planning Management, Division of American Society of Civil Engineers. Vol.107(WR2):p.303-313
Descriptor: drought * forecasting * water supply * drought control * statistical analysis * hydrology * water resources * resource management
- 1577 *Hirschmann, J*
DESPLAZAMIENTO DEL MAXIMO DE RADIACION SOLAR SOBRE AMERICA DEL SUR
Lang.: spa. 1971. Series title: Revista de Estudios del Pacifico (Valparaiso). (3):p.71-83
Descriptor: solar radiation * coastal areas
Geographical descriptor: South America
- 1578 *Hirschmann, J*
INVESTIGACION DEL LABORATORIO DE ENERGIA SOLAR DE LA UNIVERSIDAD TECNICA SANTA MARIA RELACIONADA CON LAS ZONAS ARIDAS DEL NORTE DE CHILE (Research of the Solar Energy Laboratory, Santa Maria Technical University, Related to the Arid Zones of Northern Chile)
Lang.: spa. Valparaiso, Chile: Universidad Technica Federico Santa Maria. Laboratorio de Energia Solar. 1971. 10p
Descriptor: solar energy * solar stills * arid land
Geographical descriptor: South America * Atacama Desert * Chile
- 1579 *Hitchcock, R.K*
THE TRADITIONAL RESPONSE TO DROUGHT IN BOTSWANA
Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
Lang.: eng. Worcester, MA: 1979. p.91-97
Descriptor: drought * ethnology * social aspects
Geographical descriptor: Botswana * Africa
- 1580 *Hjort, A*
A CRITIQUE OF ECOLOGICAL MODELS OF PASTORAL LAND USE
Lang.: eng. Sweden: University of Stockholm. 1983. Series title: Ethnos. Vol.46(3-4):p.171-189
Descriptor: pastoralism * land use * models * ecology
- 1581 *Hjort, A*
CONSTRAINTS ON PASTORALISM IN DRYLANDS
Lang.: eng. Stockholm, Sweden: Swedish Natural Science Research Council. 1976. Series title: Ecological Bulletins/NFR. Vol.24:p.71-82. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: grazing * arid land * social aspects * economic impact
Geographical descriptor: Africa
- 1582 *Hjort, A*
KENYA (REGIONAL STUDIES AND PROPOSALS FOR DEVELOPMENT)
Lang.: eng. Stockholm, Sweden: Swedish Natural Science Research Council. 1976. Series title: Ecological Bulletins/NFR. Vol.24:p.165-169. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: desertification * overgrazing * animal damage
Geographical descriptor: Kenya * Africa
- 1583 *Hjort, A*
TRADITIONAL LAND USE IN MARGINAL DRYLANDS
Lang.: eng. Stockholm, Sweden: Swedish Natural Science Research Council. 1976. Series title: Ecological Bulletins/NFR. Vol.24:p.43-54. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: dryland * marginal land * arid land * land use * grazing * climatic change * ecology * pastoralism
Geographical descriptor: Kenya * Sudan * Africa
- 1584 *Hock, J.C*
MONITORING ENVIRONMENTAL RESOURCES THROUGH NOAA'S POLAR ORBITING SATELLITES
Lang.: eng. 1984. Series title: ITC Journal. Vol.4:p.263-268. ISSN 0303-2434
Descriptor: agriculture * climatology * earth resources * environmental monitoring * marine resources * NOAA * satellites * satellite imagery * fisheries * vegetative index
Geographical descriptor: Africa * Ethiopia * Philippines * Sudan
- 1585 *Hodges, R.D.; Scofield, A.M*
AGRICULTURAL GENETIC DISEASE: A REVIEW OF THE NEGATIVE ASPECTS OF AGRICULTURAL SYSTEMS
Lang.: eng. 1984. Series title: Biological Agriculture Horticulture. Vol.1(4):p.269-326
Descriptor: human diseases * plant diseases * agricultural systems * horticulture * biology
- 1586 *Hoffman, R*
THE DRYNESS ENDANGER OF ETHIOPIAN LANDSCAPES - A CONTRIBUTION TO THE PROBLEM OF THE CRUCIAL LOAD OF TROPICAL ECO-SYSTEMS
Lang.: ger. 1987. Series title: Petermanns Geographische Mitteilungen. Vol.131(4):p.217-224
Descriptor: deserts * desertification * runoff * rainfall * paleoclimatology * tropics
Geographical descriptor: Ethiopia * Africa
- 1587 *Hofmeyr, W.L.; Schulze, B.R*
TEMPERATURE AND RAINFALL TRENDS IN SOUTH AFRICA DURING THE PERIOD OF METEOROLOGICAL RECORDS
Lang.: eng. Paris: UNESCO. 1963. Series title: Arid Zone Research. Vol.20:p.81-85
Descriptor: meteorology * rainfall * temperature ranges
Geographical descriptor: South Africa * Africa
- 1588 *Hogg, R*
DEVELOPMENT IN KENYA: DROUGHT, DESERTIFICATION AND FOOD SCARCITY
Lang.: eng. 1987. Series title: African Affairs. Vol.86(342):p.47-58
Descriptor: desertification * pastoralism * settlements * drought
Geographical descriptor: Turkana * Isiolo * Kenya * Africa
- 1589 *Holcombe, A*
REACHING BEYOND FAMINE RELIEF: PLANNING A STRATEGY FOR REHABILITATION AND DEVELOPMENT IN DAR FUR REGION, WESTERN SUDAN
Lang.: eng. 1987. Series title: GeoJournal. Vol.14(1):p.11-18. ISSN 0343-2521
Descriptor: drought * desertification * agricultural * famine * rehabilitation * international cooperation * program development * stabilization * development policy * food production * settlements * rural development
Geographical descriptor: Africa * Sudan * Darfur Region

- 1590 *Homewood, K.; Rodgers, W.A*
PASTORALISM, CONSERVATION AND THE OVERGRAZING CONTROVERSY
Lang.: eng. 1988. p.111-128. ISBN 0-521-34199-X. Note: (In) Conservation in Africa: People, Policies, and Practice by D. Anderson and R. Grove (eds.)
Descriptor: grazing * desertification * range management * conservation
Geographical descriptor: Africa * Kenya * Tanzania
- 1591 *Horowitz, A*
CLIMATE AND VEGETATIONAL DEVELOPMENTS IN NORTHEASTERN ISRAEL DURING UPPER PLEISTOCENE-HOLOCENE TIMES
Lang.: eng. 1971. Series title: *Pollen et Spores*. Vol.13:p.255-278
Descriptor: forests * palynology * basins * mountains * vegetation * paleoclimatology * glaciology * geology * Pleistocene epoch * Holocene epoch * vegetation change * climatic change
Geographical descriptor: Israel * Jordan Valley
- 1592 *Horowitz, A*
DEVELOPMENT OF THE HULA BASIN, ISRAEL
Lang.: eng. 1973. Series title: *Israel Journal of Earth Sciences*. Vol.22(2):p.107-139
Descriptor: climatic change * geomorphology * Pleistocene epoch * Pliocene epoch * geology * palynology * basalt * sediments * basins * lakes
Geographical descriptor: Israel * Jordan Valley * Middle East
- 1593 *Horowitz, M.M.; Little, P.D*
AFRICAN PASTORALISM AND POVERTY: SOME IMPLICATIONS FOR DROUGHT AND FAMINE
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1987. p.59-82. Note: (In) Drought and Hunger in Africa: Denying Famine a Future by M.H. Glantz (ed.)
Descriptor: pastoralism * livestock farming * drought * famine
Geographical descriptor: Africa
- 1594 *Horowitz, M.M.; Salem Murdock, M*
THE POLITICAL ECONOMY OF DESERTIFICATION IN WHITE NILE PROVINCE, SUDAN
Lang.: eng. 1987. p.95-114. Note: (In) Lands at Risk in the Third World: Local-Level Perspectives by P.D. Little, M.M. Horowitz and A.E. Nyerges (eds.)
Descriptor: desertification control * agroforestry * irrigation * pastoralism * settlements * silviculture
Geographical descriptor: Sudan * White Nile Province * Africa
- 1595 *Hoskins, B*
BRIEF HISTORY OF THE DROUGHT YEARS IN MALI 1984 - 1987: LESSONS LEARNED
Lang.: eng. Bamako, Mali: U.S. Agency for International Development. Bureau for Africa. May 18, 1987. 30p
Descriptor: drought * history
Geographical descriptor: Mali * Africa
- 1596 *Hou, R*
ANCIENT CITY RUINS IN THE DESERTS OF THE INNER MONGOLIAN AUTONOMOUS REGION OF CHINA
Lang.: eng. 1985. Series title: *Journal of Historical Geography*. Vol.11(3):p.241-252
Descriptor: archaeology * deserts * history * geography
Geographical descriptor: Inner Mongolia * China
- 1597 *Housam, C.E.; Burgos, J.J.; Kalik, M.S.; et al*
DROUGHT AND AGRICULTURE: REPORT OF THE CAGM WORKING GROUP ON THE ASSESSMENT OF DROUGHT
Lang.: eng. UN Doc. no.: WMO-392. Geneva, Switzerland: World Meteorological Organization. 1975. Series title: *Technical Note*. No.138. xv, 127p
Descriptor: climate * drought * agricultural production * economic development * precipitation * water balance * rainfall * soil degradation * technology * animal diseases * livestock * irrigation * plant pathology * water management * water supply * natural resources * environmental impact
- 1598 *Hourani, A*
THE CHANGING FACE OF THE FERTILE CRESCENT IN THE EIGHTEENTH CENTURY
Lang.: eng. 1957. Series title: *Studia Islamica*. Vol.8:p.89-122
Descriptor: environmental variability * history
Geographical descriptor: Mesopotamian Plain * Tigris River * Euphrates River * Middle East
- 1599 *Howard, J.A.; Vandijk, A*
SATELLITE REMOTE SENSING APPLIED TO RURAL DISASTERS IN DEVELOPING COUNTRIES
Lang.: eng. Rome: Food and Agricultural Organization, Remote Sensing Centre. 1981. p.13-19. Note: (In) ESA Satellite Remote Sensing Applied to Rural Disasters
Descriptor: developing countries * disasters * drought * environmental monitoring * floods * locusts * rural areas * early warning systems * remote sensing * satellite observation
Geographical descriptor: Africa * Pakistan
- 1600 *Howell, W.E*
TWELVE YEARS OF CLOUD SEEDING IN THE ANDES OF NORTHERN PERU
Lang.: eng. 1965. Series title: *Journal of Applied Meteorology*. Vol.4(6):p.693-700
Descriptor: cloud seeding * rainfall * meteorological data * weather modification
Geographical descriptor: South America * Andes * Peru
- 1601 *Hoyanagi, M*
NATURAL CHANGES OF THE REGION ALONG THE OLD SILK ROAD IN THE TARIM BASIN IN HISTORICAL TIMES
Lang.: eng. 1975. Series title: *Toyo Bunko. Research Department. Memoirs*. Vol.33:p.85-113
Descriptor: environmental change * history
Geographical descriptor: Tarim Basin * China * Takla Makan Desert
- 1602 *Hoyanagi, M*
SAND-BURIED RUINS AND SHRINKAGE OF RIVERS ALONG THE OLD SILK ROAD IN THE TARIM BASIN
Lang.: eng. 1965. Series title: *Journal of Geography (Tokyo)*. Vol.74(1):p.1-12
Descriptor: sand * archaeology * climatic change
Geographical descriptor: Takla Makan Desert * Tarim Basin * Sinkiang * China
- 1603 *Hrycak, P.; Prasad, B*
RECENT CLIMATE CHANGES IN METROPOLITAN AREAS
Meeting or Conf.: Life Cycle Problems and Environmental Technology, Institute for Environmental Science, 26th Annual Technology Meeting, Proceedings, Philadelphia, PA, May 12-14, 1980
Lang.: eng. Mt. Prospect, IL.: Institute of Environmental Science. 1980. p.362-365. ISSN 0073-9227
Descriptor: climate * urban areas * climatic change * environmental technology
- 1604 *Hu, Z.R*
KIERQIN NANBU CAOYUAN SHAMEHUA DE YANBIAN GUOCHENG JI QI ZHENGZI TUJING (Desertification Processes of Grassland and Their Control in Southern Korchin, China)
Lang.: chi. Jun 1984. Series title: *Grassland of China*. No.2:p.66-69
Descriptor: desertification * reclamation * grazing * soil deterioration * afforestation * pastures * animal feeding * feeding systems * forestry practices * grassland management * injurious factors * land resources * natural disasters * natural resources * production factors * soil resources * unrestricted feeding
Geographical descriptor: Korchin * China * Neimenggu

- 1605 **Huang, W.H**
ADAPTATION AND UTILIZATION OF THREE LEGUMES IN CHINA
Meeting or Conf.: Proceedings of the XIV International Grassland Congress, Lexington, KY, June 15-24, 1981
Lang.: eng. Boulder, CO: Westview Press. 1983. p.187-189
Descriptor: Leguminosae * *Medicago sativa* * temperature * winter kill * *Medicago falcata* * *Astragalus* * drought * winds
Geographical descriptor: China
- 1606 **Hubert, P**
APPROCHE STATISTIQUE DE L'ARIDIFICATION DE L'AFRIQUE DE L'OUEST (Statistical Study of Aridification in West Africa)
Lang.: fre. 1987. Series title: *Journal of Hydrology*. Vol.95(1-2):p.165-183. ISSN 0022-1694
Descriptor: desertification * statistical analysis * drought
Geographical descriptor: West Africa * Africa
- 1607 **Huckriede, R.; Venzlaff, H**
UBER EINE FLUVIALZEITLICHE MOLLUSKENFAUNA AUS KORDOFAN (SUDAN)
Lang.: ger. 1962. p.93-109. Note: (In) *Palaeontologische Zeitschrift* by H. Schmidt-Festband (ed.)
Descriptor: paleontology * fluvial process * mollusca
Geographical descriptor: Kordofan * Sudan * Africa
- 1608 **Hudson, J**
THE ROLE OF IRRIGATION IN SYRIA
Lang.: eng. 1968. Series title: *Focus*. Vol.18(8):p.8-11
Descriptor: irrigation
Geographical descriptor: Syria * Middle East
- 1609 **Humphrey, R.R**
THE DESERT GRASSLAND, PAST AND PRESENT
Lang.: eng. 1953. Series title: *Journal of Range Management*. Vol.6(3):p.159-164
Descriptor: vegetation change * desert grassland * history * climax * fire effects * grasslands * grassland biome * plant succession * *Prosopis* * range management
Geographical descriptor: Southwestern U.S. * Mexico * Sonoran Desert
- 1610 **Humphrey, R.R**
THE DESERT GRASSLAND. A HISTORY OF VEGETATIONAL CHANGE AND AN ANALYSIS OF CAUSES
Lang.: eng. 1958. Series title: *Botanical Review*. Vol.24(4):p.193-252. Note: (Reprinted as Arizona Agricultural Experiment Station, Bulletin 299)
Descriptor: *Haplopappus* * vegetation change * deserts * grasslands * biome * history * plant succession * environmental impact * trees * *Prosopis* * *Larrea tridentata* * *Opuntia* * *Gutierrezia* * plant invaders * climatic change * climate * grazing * livestock * plant ecology * rodents * fire effects
Geographical descriptor: Arizona * New Mexico * Texas * Southwestern U.S.
- 1611 **Humphrey, R.R.; Mehrhoff Jr., L.A**
VEGETATION CHANGE ON A SOUTHERN ARIZONA GRASSLAND RANGE
Lang.: eng. 1958. Series title: *Ecology*. Vol.39(4):p.720-726
Descriptor: desert grassland * grasslands * grassland biome * vegetation change * *Aplopappus tenuisectus* * grazing * rodents * *Prosopis* * fire effects * range management * brush control
Geographical descriptor: Arizona * Santa Rita Experimental Range
- 1612 **Hung, K.K**
PRELIMINARY ACHIEVEMENTS IN STUDY OF DRIFT-SAND CONTROL BY CLAY BARRIERS IN MIN-CH'IN
Lang.: chi. 1961. Series title: *Ti-Li (Peiping)*. Vol.5:p.200-205. Note: Translation by U.S. Joint Publications Research Service, Washington, D.C., as JPRS Document 19,037
Descriptor: sand control * clay * mechanical controls * shelterbelts * wind action * revegetation
Geographical descriptor: Min-Ch'in * China
- 1613 **Hunting Technical Services, Ltd**
LAND AND WATER RESOURCES SURVEY OF THE JEBEL MARRA AREA, REPUBLIC OF THE SUDAN. Reconnaissance vegetation survey
Lang.: eng. UN Doc. no.: UNDP/SF Report SUD/17. 1968. Series title: *Food and Agriculture Organization*. 68p., Append. 1-8, 129p
Descriptor: vegetation surveys * soil management * mountains * wildlife management * economic plants
Geographical descriptor: Sudan * Jebel Marra * Africa
- 1614 **Huntington, E.; Visser, S.S**
CLIMATIC CHANGES, THEIR NATURE AND CAUSES
Lang.: eng. New Haven, CT: Yale University Press. 1922. 329p
Descriptor: climatic change * climatology
- 1615 **Huntington, E.; et al**
THE CLIMATIC FACTOR AS ILLUSTRATED IN ARID AMERICA
Lang.: eng. Washington, D.C. 1914. Series title: *Carnegie Institution of Washington. Publication*. 192. 341p
Descriptor: climatic change * arid climate * dendrochronology
Geographical descriptor: North America
- 1616 **Hurstley, B.J**
ECOSYSTEM CONSERVATION IN SOUTHERN AFRICA
Lang.: eng. The Hague, The Netherlands: Junk. 1978. Vol.2:p.1333-1384. Note: (In) *Biogeography and Ecology of Southern Africa* by M.J.A. Werger (ed.)
Descriptor: vegetation * wildlife * conservation * ecosystems * savannas * habitats
Geographical descriptor: Karroo * Africa * Namibia * South Africa * Kalahari Desert
- 1617 **Hurault, J**
ETUDE PHOTO-AERIENNE DE LA TENDANCE A LA REMOBILISATION DES SABLES EOLIENS SUR LA RIVE NORD DU LAC TCHAD (REGIONS DE MAO ET BOL)
Meeting or Conf.: International Symposium on Photo-Interpretation, 2nd, Paris, 1966, Actes
Lang.: fre. 1967. p.71-80
Descriptor: coastal areas * wind action * eolian soils * terrain analysis * aerial photography
Geographical descriptor: Chad * Lake Chad * Africa
- 1618 **Hurault, J**
POSSIBILITES DE MISE EN OEUVRE DE LA TELEDETECTION AEROSPATIALE DANS LES REGIONS NORD-SAHELIENNES D'AFRIQUE (Possibilities of Using Remote Sensing in Northern Sahel Regions in Africa)
Meeting or Conf.: Symposium International de la Commission 7 de la Societe International de Photogrammetrie et Teledetection, Proceedings, Toulouse, France, Sept. 13-17, 1982
Lang.: fre. 1982. p.873-888
Descriptor: remote sensing * photogrammetry
Geographical descriptor: Sahel * Africa
- 1619 **Hussain, S.S.; Qadir, S.A**
AN AUTECOLOGICAL STUDY OF EUPHORBIA CADUCIFOLIA HAINES
Lang.: eng. 1970. Series title: *Vegetatio*. Vol.20(5-6):p.329-380
Descriptor: plant ecology * phytogeography * plant growth * phenology * reproduction * microenvironment * soil types * soil water plant relationships * wind action * Euphorbiaceae * succulents * germination * viability * life history
Geographical descriptor: Pakistan
- 1620 **Hussein Idris, H.E**
ENERGY PROBLEMS IN ARID COUNTRIES
Lang.: eng. 1976. Series title: *Ecological Bulletin (Stockholm)*. Vol.24:p.103-112
Descriptor: energy * arid land * fuels * wood * alternative fuels * forests * social aspects * economic impact

- 1621 *Hussein, S.A.; El Araby, A.M*
MORPHOMETRY AND MINERALOGY OF WADI TOMEILAT DEPOSITS AND THEIR EVALUATION FOR DESERTIFICATION PROCESSES
Lang.: eng. 1986. Series title: Egyptian Journal of Soil Science. p.1-15. ISSN 0302-6701
Descriptor: morphological processes * mineralogy * desertification * wadi
Geographical descriptor: Wadi Tomeilat * Egypt * Africa
- 1622 *Hutchinson, B.S. (ed.); Varady, R.G. (ed.)*
ARID LANDS RESEARCH INSTITUTIONS: A WORLD DIRECTORY: 3rd ed
Lang.: eng. New York: Allerton Press. 1988. vi, 290p
Descriptor: directories * deserts * research centers
- 1623 *Hutchinson, C.F*
LAND REMOTE SENSING TECHNOLOGY AND METHODOLOGY
Lang.: eng. Aug.-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.149-166. ISSN 0165-0009
Descriptor: remote sensing * land use * desertification * technology * methodology * arid land * semiarid lands
- 1624 *Hutchinson, G.E.; Cowgill, U.M*
CHEMICAL EXAMINATION OF A CORE FROM LAKE ZERIBAR, IRAN
Lang.: eng. 1963. Series title: Science. Vol.140(3562):p.67-69
Descriptor: lakes * sediments * soil analysis
Geographical descriptor: Iran * Middle East * Lake Zeribar
- 1625 *Huxley, P.A*
SYSTEMATIC DESIGNS FOR FIELD EXPERIMENTATION WITH MULTIPURPOSE TREES
Lang.: eng. Nairobi, Kenya: ICRAF. 1983. Series title: Working Paper. No.12. 5, [22]Pp. Note: with a micro-computer programme for calculating the dimensions of field layouts by L. Fidaali and P. A. Huxley
Descriptor: agroforestry
- 1626 *Huxley, P.A*
THE TREE/CROP INTERFACE OR SIMPLIFYING THE BIOLOGICAL/ ENVIRONMENTAL STUDY OF MIXED CROPPING AGROFORESTRY SYSTEMS
Lang.: eng. Nairobi, Kenya: ICRAF. 1983. Series title: Working Paper. No.13. 20p
Descriptor: agroforestry * plant populations * plant growth * plant distribution
Geographical descriptor: Costa Rica * Kenya * Africa
- 1627 *Huzayyin, S*
CHANGEMENT HISTORIQUE DU CLIMAT ET DU PAYSAGE DE L'ARABIE DU SUD (Historical Changes in the Climate and Landscape of Southern Arabia)
Lang.: fre. 1935. Series title: Cairo University. Faculty of Arts. Bulletin. Vol.3(2):p.19-23
Descriptor: history * climatic change * topography
Geographical descriptor: Arabian Desert * Middle East * South Arabia
- 1628 *Huzayyin, S*
CHANGES IN CLIMATE, VEGETATION, AND HUMAN ADJUSTMENT IN THE SAHARA-ARABIAN BELT WITH SPECIAL REFERENCE TO AFRICA
Lang.: eng. Chicago: University of Chicago Press. 1955. p.304-323. Note: (In) Man's Role in Changing the Face of the Earth by W.L. Thomas, Jr. (ed.)
Descriptor: climatic vegetal relationships * arid land * arid climate * semiarid climate * social aspects * history * paleoclimatology * climatology * biogeography * geologic time * desertification * climatic change
Geographical descriptor: North Africa * Arabian Desert * Africa * Sahara
- 1629 *Hyder, D.N. (ed.)*
ARID SHRUBLANDS- PROCEEDINGS OF THE THIRD WORKSHOP OF THE UNITED STATES/ AUSTRALIA RANGELANDS PANEL, TUCSON, ARIZONA
Lang.: eng. Denver, CO: Society for Range Management. 1973. 148p
Descriptor: arid land * shrubs * rangelands * Acacia
Geographical descriptor: Australia
- 1630 *Hyder, D.N. (ed.)*
INTERNATIONAL RANGELAND CONGRESS, 1ST, DENVER, COLORADO, AUGUST 14-18, 1978, PROCEEDINGS
Meeting or Conf.: International Rangeland Congress, 1st, Denver, CO, Aug. 14-18, 1978
Lang.: eng. Denver, Colorado: Society for Range Management. 1978. 742p. ISSN 0163-173x
Descriptor: rangelands * range management * natural resources * environmental protection * livestock * wildlife * recreation * grazing * soil erosion * watershed management * denudation * desertification
- 1631 *Ibragimov, I.O.; Shamsudinov, Z.S*
DEVELOPMENT AND UTILIZATION OF CULTIVATED PASTURES IN A DESERT ZONE
Meeting or Conf.: International Meadow Cultivation Congress, 12th, Moscow, Reports
Lang.: eng. 1974. p.135-139
Descriptor: agricultural development * pastures * deserts * cultivation
Geographical descriptor: USSR
- 1632 *Ibrahim, F*
ANTHROPOGENIC CAUSES OF DESERTIFICATION IN WESTERN SUDAN
Lang.: eng. 1978. Series title: GeoJournal. Vol.2(3):p.243-254
Descriptor: pastoralism * desertification * social aspects * tenure systems * land use * overgrazing * nomads * animal damage * transhumance * savannas * human activity
Geographical descriptor: Africa * Sudan * Sahel
- 1633 *Ibrahim, F*
DESERTIFICATION, EIN WELTWEITES PROBLEM
Lang.: ger. 1978. Series title: Geographische Rundschau. Vol.39(3):p.104-107
Descriptor: desertification * land use * ecosystems * social aspects * overgrazing * animal damage * soil erosion * dunes
- 1634 *Ibrahim, F*
MILLET CULTIVATION AS A MAJOR CAUSE OF DESERTIFICATION IN DARFUR AND KORDOFAN, SUDAN
Meeting or Conf.: International Geographical Union, Regional Conference, Lagos (Aug. 1978)
Lang.: eng. 1978. Vol.1:p.1-4
Descriptor: Panicum * desertification * sand * aridisols * dry farming * soil erosion * drought * arable land
Geographical descriptor: Africa * Sudan * Kordofan * Darfur
- 1635 *Ibrahim, F*
THE FIGHT AGAINST THE DESERT
Lang.: eng. 1983. Series title: Development and Cooperation. No.6:p.9-11
Descriptor: land use * desertification
Geographical descriptor: Sahel * Africa
- 1636 *Ibrahim, F*
THE PROBLEM OF DESERTIFICATION IN THE REPUBLIC OF THE SUDAN WITH SPECIAL REFERENCE TO NORTHERN DARFUR PROVINCE
Lang.: eng. 1978. Series title: University of Khartoum. Development Studies and Research Centre. Monograph. No.8
Descriptor: desertification * land use * dry farming * savannas * environmental variability * precipitation deficit * human population
Geographical descriptor: Sudan * Africa * Darfur

- 1637 *Ibrahim, F*
THE ROLE OF NOMADISM IN THE PROCESS OF DESERTIFICATION IN WESTERN SUDAN
Lang.: eng. 1983. Series title: *Applied Geography and Development*. Vol.22:p.46-57
Descriptor: pastoralism * desertification * nomads
Geographical descriptor: Sudan * Africa * Kordofan * Darfur
- 1638 *Ibrahim, F.N*
DER WASSERHAUSHALTDES NILS NACH DEM BAUES HOCHSTAUDAMMES VON ASSUAN(The Nile's Hydrological Cycle after the Building of the High Aswan Dam)
Lang.: ger. Bayreuth, Germany: Institute fuer Geowissenschaften der Universitaet Bayreuth. 1984. Series title: *Erde*. Vol.115(1-2):p.145-161
Descriptor: hydrology * dams * water resources management
Geographical descriptor: Africa * Aswan High Dam * Nile River * Egypt
- 1639 *Ibrahim, F.N*
DESERTIFICATION IN NORD-DARFUR
Lang.: ger. 1980. Series title: *Hamburger Geographische Studien*. Vol.13(35):p.175
Descriptor: desertification
Geographical descriptor: Darfur * Sudan * Africa
- 1640 *Ibrahim, F.N*
ECOLOGICALIMBALANCEIN THE REPUBLIC OF SUDAN - WITH REFERENCE TO DESERTIFICATIONIN DARFUR
Lang.:ger. 1984. Series title: *Bayreuther Geowissenschaftliche Arbeiten*. Vol.6:p.1-25
Descriptor: desertification
Geographical descriptor: Darfur * Sudan * Africa
- 1641 *Ibrahim, F.N*
THE ROLE OF WOMEN PEASANTSIN THE PROCESS OF DESERTIFICATION IN WESTERN SUDAN
Lang.: eng. 1982. Series title: *GeoJournal*. Vol.6(1):p.25-30
Descriptor: women * farming systems * desertification
Geographical descriptor: Sudan * Africa
- 1642 *Ibrahim, K.M*
SUMMARY REPORT AND BIBLIOGRAPHY [ON] THE PASTURE, RANGE AND FODDER CROP SITUATION IN THE NEAR EAST
Lang.: eng. Rome: Food and Agriculture Organization. 1967. 159p
Descriptor: bibliographies * pastures * grazing * livestock * rangelands * crop production * forage supply
Geographical descriptor: Middle East
- 1643 *Ibrahim, K.M*
THE CONTROLOF DRIFTING SANDS IN NORTH COASTAL REGION OF U.A.R.(UNITED ARAB REPUBLIC)
Lang.: eng. 1969. Series title: *Pakistan Journal of Forestry*. Vol.19(4):p.456-471
Descriptor: Mediterranean climate * coastal areas * deserts * geomorphology * dunes * wind action * particle size * sand control
Geographical descriptor: Egypt * Africa
- 1644 *Ichikawa, M*
DESERTIFICATION IN THE BRAZILIANNORTHEAST
Lang.: eng. 1983. Series title: *University of Hiroshima. Research and Sources Unit for Regional Geography. Special Publication*. Vol.14:p.133-144
Descriptor: desertification
Geographical descriptor: Brazil * South America
- 1645 *Ichikawa, M*
DESERTIFICATION IN THE BRAZILIAN NORTHEAST FROM PERSPECTIVE OF AREASTUDIES
Lang.: jap. 1983. Series title: *Geographical Review of Japan*. Vol.56(9):p.595-606
Descriptor: desertification
Geographical descriptor: Brazil * South America
- 1646 *Ridder, N.A. de; Erez, A*
OPTIMUM USE OF WATERRESOURCES
Lang.: eng. Wageningen, The Netherlands: International Institute for Land Reclamation and Improvement. 1977. Series title: *IILRI Publication*. No.21. xii, 250p
Descriptor: water resources * geology * land resources * climate * groundwater * surface water * irrigation * water supply
Geographical descriptor: Iran * Varamin Plain * Middle East
- 1647 *Idso, S.B*
CLIMATIC CHANGE: DESERT-FORMING PROCESSES
Meeting or Conf.: Desert Dust: Origin, Characteristics, and Effect on Man, Denver, CO, Feb. 22-23, 1977
Lang.: eng. 1981. Series title: *Geological Society of America. Special Paper*. No.186:p.217-222. ISBN 0-8137-2186-5. ISSN 0072-1077
Descriptor: climatic change * desertification
- 1648 *Idso, S.B*
SURFACE ENERGY BALANCE AND THE GENESIS OF DESERTS
Lang.: eng. 1981. Series title: *Archives for Meteorology, Geophysics and Bioclimatology*. Series A. Vol.30(3):p.253-260
Descriptor: deserts * desertification * energy balance * land surface energy
- 1649 *Ierusalimov, Y.N*
THE ROLE OF STEM AND ROOT INSECTS IN THE DEVELOPMENT OF SAXAUL HALOXYLON-APHYLLUM STANDS IN THE VICINITYOF LAKE BALKASH, USSR
Lang.:eng. 1983. Series title: *Problems of Desert Development*. Vol.0(3):p.85-88. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: insects * desert development * Haloxylon aphyllum
Geographical descriptor: Lake Balkash * USSR
- 1650 *Il'yushina, M.T*
USE OF FORECAST INDICATIONS IN THE STUDY OF THE EVOLUTION OF CERTAIN DESERT LANDSCAPES
Lang.: rus. Moscow: Nauka. 1970. p.151-158. Note: (In) *Indikatsionnyye geograficheskiye issledovaniya (Indicational Geographic Studies)*
Descriptor: deserts * desert landscapes * evolution * plant succession
Geographical descriptor: USSR
- 1651 *Independent Commission on International Humanitarian Issues*
THE ENCROACHING DESERT: THE CONSEQUENCES OF HUMAN FAILURE
Lang.: eng. London: Zed Books. 1986. 132p. ISBN 0-86232-633-8(hardback), 0-86232-643-6(paperback)
Descriptor: desertification
- 1652 *India. Center for Science and Environment*
REPORT OF THE WORKSHOP ON "DROUGHT, DESERTIFICATION AND WASTELAND DEVELOPMENT PROCESSES IN THE THAR DESERT", JODHPUR, FEBRUARY 26-29, 1988
Meeting or Conf.: Workshop on "Drought, Desertification and Wasteland Development Processes in the Thar Desert", Jodhpur
Lang.: eng. New Delhi: Centre for Science and Environment. 1988. 42p
Descriptor: deserts * drought * natural resources * agricultural development * technology * livestock * water pollution * groundwater * land management * environmental conservation
Geographical descriptor: India * Thar Desert
- 1653 *India. Ministry of Irrigation and Power*
DYNAMICS OF SHIFTING SAND DUNES IN WESTERN RAJASTHANAND THEIR STABILISATION, REPORT
Lang.: eng. Central Water and Power Commission. 1971
Descriptor: dunes * climatology * sand control * sand
Geographical descriptor: Rajasthan * India

- 1654 *Indian Council of Agricultural Research*
DESERTIFICATION AND ITS CONTROL
Meeting or Conf.: UN Conference on Desertification, Nairobi,
Aug. 29 - Sept. 9, 1977
Lang.: eng. New Delhi, India: Indian Council of Agricultural
Research. 1977. 358p
Descriptor: desertification * land use * water resources *
livestock * natural resources * demography * agriculture *
vegetation * rodents * insects * climatology * social aspects
Geographical descriptor: India * Thar Desert * Rajasthan
- 1655 *Indian National Science Academy*
WINTER SCHOOL ON THE DEVELOPMENT OF
RAJASTHANDESERT, ORGANIZED IN COLLABORATION
WITH THE CENTRALARID ZONE RESEARCHINSTITUTE,
JODHPUR, FEBRUARY12-18, 1973
Lang.: eng. Indian National Science Academy. 1976
Descriptor: soil types * water resources * afforestation *
agriculture * livestock * pastures * plant pathology * rodents *
meteorology * weather forecasting * solar energy * wind velocity
* mineral deposits * social aspects
Geographical descriptor: Rajasthan * India
- 1656 *Indian Society of Soil Science*
MANAGING SOIL RESOURCES TO MEET THE
CHALLENGESTO MANKIND
Meeting or Conf.: International Congress of Soil Science, 12th,
Transactions, New Delhi, India, Feb. 8-16, 1982
Lang.: eng. New Delhi, India: Indian Agricultural Research
Institute. 1982. 7 Vols
Descriptor: soil science * soil resources * soil management *
nitrification * vertisols * rice soils * tropics * desertification *
soil policy * soil research
- 1657 *Instituto Argentino de Investigaciones de las Zonas Aridas*
TRANSNATIONAL PROJECT TO MONITOR
DESERTIFICATIONPROCESSES ANDRELATEDNATURAL
RESOURCES IN ARID AND SEMI-ARID AREAS OF SOUTH
AMERICABackgrounddocument. Feasibility study
Meeting or Conf.: United Nations Conference on
Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/27. 1977. various paging
Descriptor: desertification * monitoring * remote sensing *
planning * regional surveys
Geographical descriptor: Argentina * Chile * Peru * South
America
- 1658 *Instituto de Investigaciones Agropecuarias (Santiago, Chile)*
CHILE: REGION OF COMBARBALACase study on
desertification
Meeting or Conf.: United Nations Conference on
Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/9, 74/9/ADD 1. 1977.
163p
Descriptor: case studies * desertification * carrying capacity *
overgrazing * wildlife * wood * planning * natural resources *
ecosystems
Geographical descriptor: Chile * South America
- 1659 *Instituto de Investigaciones Agropecuarias (Santiago, Chile)*
LUCHACONTRALADESERTIFICACIONLAEXPERIENCIA
DE CHILE
Lang.: spa. Santiago, Chile: Instituto de Investigaciones
Agropecuarias. 1976. 159p
Descriptor: desertification * climate * soil surveys *
geomorphology * vegetation * ecosystems * social aspects *
human population * coastal areas * deserts * mining * planning
Geographical descriptor: Chile * South America
- 1660 *Instituto Nacional de Meteorologia Biblioteca*
BIBLIOGRAFIASOBRE DESERTIFICACAONO BRASIL
Lang.: por. Brazil. 1984. 8p
Descriptor: desertification * bibliographies
Geographical descriptor: Brazil * South America
- 1661 *Intergovernmental Authority on Drought and Development*
ASSEMBLY OF HEADS OF STATE AND GOVERNMENT,
FIRST SESSION
Meeting or Conf.: Intergovernmental Authority on Drought and
Development, Assembly of Heads of State and Government,
First Session, Djibouti, Jan 15-16, 1986
Lang.: eng. Djibouti: IGADD. 1986. 2 Vols
Descriptor: drought * desertification control * land development
* government policy * development policy
Geographical descriptor: Africa
- 1662 *International Geographical Union. Working Group on
Desertification*
CAMBRIDGE MEETING ON DESERTIFICATION
Lang.: eng. Cambridge University, Geography Department.
1975. 145p. Note: Mimeograph
Descriptor: desertification * monitoring * climatic change *
environmental variability * land use * remote sensing *
forecasting * drought
Geographical descriptor: Sudan * India * Africa * Middle East
* Australia * Kenya * Sahel * Negev * Sinai
- 1663 *International Labour Organization*
AFTER THE FAMINE. A PROGRAMME OF ACTION TO
STRENGTHEN THE SURVIVAL STRATEGIES OF
AFFECTED POPULATIONS
Lang.: eng. Geneva: International Labour Organization. 1986.
309p. ISBN 92-2-105401-2
Descriptor: drought * famine * regional development * survival
* planning * desertification * ILO
Geographical descriptor: Sudan * Africa
- 1664 *Ionesco, T*
CONSIDERATIONS BIOCLIMATIQUES ET
PHYTOECOLOGIQUES SUR LES ZONES ARIDES DU
MAROC
Lang.: fre. 1966. Series title: Cahiers de la Recherche
Agronomique (Rabat). Vol.19. 130p
Descriptor: bioclimatology * plant ecology
Geographical descriptor: Morocco * Africa
- 1665 *Ipucha Aguerre, J*
EVALUACIONDE LA EROSION MANTIFORME(Evaluation
of Sheet Erosion)
Lang.: spa. 1962. Series title: Idia Suplemento (Buenos Aires).
Vol.10:p.102-
Descriptor: sheet erosion * soil erosion
- 1666 *Iran. Department of the Environment (Tehran, Iran)*
IRAN: TURANCase study on desertification
Meeting or Conf.: United Nations Conference on
Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/19. 1977. 97p
Descriptor: case studies * desertification * subsistence
agriculture * overgrazing * monitoring * land management *
natural resources * social aspects
Geographical descriptor: Iran * Turan Valley * Middle East *
Iranian Desert
- 1667 *Iran. Department of the Environment*
THE TURAN PROGRAMME
Lang.: eng. Oxford U.K.: Pergamon Press. 1980. p.181-251.
Note: (In) Desertification by M.R. Biswas and A.K. Biswas
(eds.)
Descriptor: desertification control * desertification * evaluation
* soil fertility * land use
Geographical descriptor: Iran * Middle East * Turan Valley
- 1668 *Iran. Ministry of Natural Resources*
SAND DUNE FIXATION IN IRAN
Lang.: eng. 1965
Descriptor: dune stabilization * desertification * revegetation *
reclamation * dunes * sand control
Geographical descriptor: Iran * Middle East

- 1669 *Iraq. Foundation for Scientific Research*
DESERTIFICATION IN THE GREATER MUSSAYEB PROJECT, IRAQ. CASE STUDY PRESENTED BY THE GOVERNMENT OF IRAQ
Lang.: eng. Paris: UNESCO. 1980. p.176-213. Note: (In) Case Studies on Desertification by J.A. Mabbutt and C. Floret (eds.)
Descriptor: case studies * desertification * irrigation * drainage * projects
Geographical descriptor: Mesopotamia * Greater Mussayeb * Iraq * Middle East * Persian Gulf
- 1670 *Ishankuliev, M*
INFLUENCE OF SAXAULS ON SANDY DESERT SOILS
Lang.: rus. 1975. Series title: Pochvovedeniye. Vol.9:p.14-24
Descriptor: aridisols * Haloxylon ammodendron * sandy soils * deserts
- 1671 *Ishankuliev, M*
MOISTURE REGIMEN OF SANDY DESERT SOILS
Lang.: eng. 1975. Series title: Problems of Desert Development. No.5:p.36-43. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: aridisols * sandy soils * deserts * soil moisture * soil water regimes * water
- 1672 *Ishankuliev, M*
SREDOOBRAZUVAYUSHCHAYAROL' KUSTARNIKOV V VOSTOCHNYKH KARAKUMAKH (NA PRIMERE REPETEKA)(Environment-Shaping Role of Shrubs in the Eastern Karakums: Example, Repetek)
Lang.: rus. Ashkhabad, Turkmen SSR: Turkmen SSR Academy of Sciences. Institute of Botany. 1975. 26p. Note: (Candidate dissertation summary)
Descriptor: shrubs * deserts
Geographical descriptor: Karakum Desert * Repetek * Turkmen SSR * USSR
- 1673 *Iskenderov, S.; Rayerskiy, M.I.; Mamedova, S.N*
ON A POSSIBILITY OF A USE OF NATURALCEOLITES IN ARID LANDS AGRICULTURE
Lang.: rus. 1980. Series title: Problemy Osvoeniya Pustyn. No.6:p.17-22. Note: Summary in English
Descriptor: Triticum * crop products * fertilizers * plant growth * Clinoptylolite tufa
Geographical descriptor: USSR * Azerbaijan SSR
- 1674 *Islam, M.N.; Ison, C.A.; Watkins, T.R*
NUTRITIONAL EVALUATION OF SEA SHORE MALLOW SEED KOSTELETSKYA-VIRGINICA
Lang.: eng. Delaware: University of Delaware. Department of Food Science and Human Nutrition. 1982. Series title: Journal of Agriculture and Food Chemistry. Vol.30(6):p.1195-1198
Descriptor: nutrition value * sea shore mallow seed * Kostelezkyia virginica * seeds
- 1675 *Israel National Council for Research and Development. Jerusalem*
SYMPOSIUM ON ARTIFICIAL RAIN, SHORESH, 1970, PROCEEDINGS
Meeting or Conf.: Symposium on Artificial Rain, Shores, 1970, Proceedings
Lang.: eng. Jerusalem: Israel National Council for Research and Development. 1971. 92p
Descriptor: artificial precipitation * cloud seeding * weather modification * water yield * evaporation control
Geographical descriptor: Israel * Middle East
- 1676 *Issar, A*
GEOLOGY OF THE CENTRAL COASTAL PLAIN OF ISRAEL
Lang.: eng. 1968. Series title: Israel Journal of Earth-Sciences. Vol.17(1):p.16-29
Descriptor: coastal areas * deserts * plains * geology * Pleistocene epoch * sediments * stratigraphy * archaeology
Geographical descriptor: Israel * Middle East
- 1677 *Issar, A*
GROUNDWATER PROVINCES OF IRAN
Lang.: eng. 1969. Series title: International Association of Scientific Hydrology. Bulletin. Vol.14(1):p.87-99
Descriptor: hydrology * groundwater * basins
Geographical descriptor: Iran * Zagros Mountains * Middle East
- 1678 *Italy. Instituto Italo-Latino Americano; Food and Agriculture Organization*
SIMPOSIO INTERNAZIONALE SULLA INTEGRAZIONE DELLA RICERCA PER LA VALORIZZAZIONE DELLE RISORSE BIOLOGICHE DELLE ZONE ARIDE E SEMI-ARIDE DELL'AMERICA LATINA, ROMA, 1-5 OTTOBRE 1979 (International Symposium on Integrated Research for the Improvement of Biological Resources of Arid and Semi-Arid Zones in Latin America, Rome, 1-5 Oct. 1979)
Lang.: ita. 1980. 577p
Descriptor: renewable resources * arid land
Geographical descriptor: South America
- 1679 *Ivanov, A.P*
COMPLEX METHODS FOR THE PROTECTION OF HIGHWAYS FROM SAND DRIFTS IN SHIFTING SAND CONDITIONS
Lang.: eng. 1975. Series title: Problems of Desert Development. No.6:p.87-89. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: sand control * sand * roads
- 1680 *Ivanov, A.P*
PHYSICAL PRINCIPLES OF DEFLATION ON SANDY DESERTS
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1972. 112p
Descriptor: deflation * deserts * sand * roads
- 1681 *Ivanov, A.Y*
FIXATION, AFFORESTATION, AND AGRICULTURAL UTILIZATION OF SANDS
Lang.: rus. Moscow: Lesnaya Prom-st'. 1969. p.155-197. Note: (In) Proektirovaniye i vyrashchivaniye zashchitnykh leonasazhdeniy (Planning and Cultivation of Protective Afforestation)
Descriptor: sand * sand control * afforestation * agricultural development * reclamation * sandy soils * mechanical controls
- 1682 *Ivanov, A.Y.; Dryuchenko, M.M*
KOMPLEKSNOYE OSVOYENIYE PESKOV (Complex development of sands). : 2ed
Lang.: rus. Moscow: Lesnaya Prom-st'. 1969. 302p
Descriptor: sand * sand control * afforestation * crop response * sandy soils * pastures * hay * viticulture * gardening
Geographical descriptor: USSR
- 1683 *Ivanov, A.Y.; Kulik, N.F.; Gabay, V.S*
REKOMENDATSII PO KOMPLEKSNOMU OSVOYENIYU PESKOV YUGO-VOSTOKA YEVROPEYSKOY CHASTI RSFSR (Recommendations on the Complex Development of Sands in the Southeast of the European Part of the RSFSR)
Lang.: rus. Moscow: Lesnaya Prom-st'. 1968. 52p
Descriptor: sand * sand control * afforestation * pastures * crop production * gardening * viticulture
Geographical descriptor: USSR
- 1684 *Iversen, J.D*
AEOLIAN PROCESSES IN THE ENVIRONMENTAL WIND TUNNEL AND IN THE ATMOSPHERE
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff Pub. Co. 1986. o.318-321. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan, (eds.), 473p
Descriptor: colian processes * environmental degradation * wind tunnel * desertification * wind erosion * physics * wind action

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Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff
Pub. Co. 1986. p.344-360. ISBN 90-247-3292-1. Note: (In)
Physics of Desertification by F. El-Baz and M.H.A. Hassan,
(eds.), 473p
Descriptor: salinization * desertification
- 1686 *Iversen, J.D*
THE AEOLIAN WIND TUNNEL: SALTATION SIMILITUDE
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff
Pub. Co. 1986. p.372-384. ISBN 90-247-3292-1. Note: (In)
Physics of Desertification by F. El-Baz and M.H.A. Hassan
(eds.), 473p
Descriptor: wind tunnel * salinization * desertification
- 1687 *Ivlev, N.P.; Ponandopulo, G.A.; Ryl'kov, A.V*
EXPERIMENT IN THE USE OF BITUMEN EMULSIONS IN
THE FIXATION OF BARKHANSANDS
Lang.: rus. 1972. Series title: Trudy Soyuzdornii.
Vol.57:p.109-120
Descriptor: sand * barchans * sand control * asphalt
- 1688 *Jabbar, M.A*
STUDY OF DESERTIFICATION/ARIDITY THROUGH
REMOTE SENSING
Meeting or Conf.: Asian Conference on Remote Sensing, 3rd,
Dacca, Bangladesh, Dec. 4-7, 1982
Lang.: eng. 1983. p.A-5-1 to A-5-9
Descriptor: desertification * aridity * remote sensing
- 1689 *Jackson, A.C*
AGRO-FORESTERIE: UNE IDEE AU SERVICE DU
RENFORCEMENT DE LA SECURITE RURALE Farm Forestry:
A Useful Concept for Improving Rural Security
Lang.: fre. Doc. no.: DOC/FI 18622. 1987. Series title:
Courier. No.101:p.98-100
Descriptor: farm forestry * research * rural development *
developing countries * agroforestry
- 1690 *Jackson, J.K*
CHANGES IN THE CLIMATE AND VEGETATION OF THE
SUDAN
Lang.: eng. 1957. Series title: Sudan Notes and Records.
Vol.38:p.47-65
Descriptor: vegetation change * climatic change
Geographical descriptor: Sudan * Africa
- 1691 *Jackson, J.K.; Shawki, M.K*
SHIFTING CULTIVATION IN THE SUDAN
Lang.: eng. 1950. Series title: Sudan Ministry of Agriculture
Forestry Division Memoirs (Khartoum). Vol.2
Descriptor: cultivation * shifting cultivation
Geographical descriptor: Sudan * Africa
- 1692 *Jackson, R.D.; Idso, S.B*
SURFACE ALBEDO AND DESERTIFICATION
Lang.: eng. American Association for the Advancement of
Science. 1975. Series title: Science. Vol.189:p.1012-1013
Descriptor: desertification * albedo * solar radiation * soil
temperature * plant cover * soil moisture * air temperature *
soil surfaces * climatic change
- 1693 *Jackson, R.T.; et al*
REPORT OF THE OXFORD UNIVERSITY EXPEDITION TO
THE GAMU HIGHLANDS OF SOUTHERN ETHIOPIA, 1968
Lang.: eng. Oxford, U.K.: Oxford University. School of
Geography. 1969. 112p
Descriptor: geography * surveys * expeditions * highlands
Geographical descriptor: Ethiopia * Gamu Highlands * Africa
- 1694 *Jacobberger, P.A*
DROUGHT-RELATED CHANGES TO GEOMORPHOLOGIC
PROCESSES IN CENTRAL MALI
Lang.: eng. Washington D.C.: Smithsonian Institution. Center
for Earth and Planet Studies. Mar. 1988. Series title:
Geological Society of America Bulletin. Vol.100(3):p.351-36.
ISSN 0016-7606
Descriptor: drought * geomorphology * aridisols * satellites *
fluvial processes * eolian processes * statistical methods *
erosion * topsoil loss
Geographical descriptor: Mali * Africa
- 1695 *Jacobberger, P.A*
ENVIRONMENTAL PROCESSES AND SPECTRAL
REFLECTANCE CHARACTERISTICS ASSOCIATED WITH
SOIL EROSION IN DESERT FRINGE REGIONS
Lang.: eng. Washington, D.C.: Smithsonian Institution. Center
for Earth and Planetary Studies. Aug. 1986. 53p
Descriptor: desertification * drought * dunes * weather
forecasting * aerial photography * earth resources program *
Landsat * satellites * petrology * radiometers * reflectance *
thematic mapping
Geographical descriptor: Africa * Botswana * Egypt * Mali
- 1696 *Jacobberger, P.A*
GEOMORPHOLOGY OF THE UPPER ISLAND NIGER
DELTA
Lang.: eng. Sept. 1987. Series title: Journal of Arid
Environments. Vol.13(2):p.95-112
Descriptor: geomorphology * remote sensing * field mapping *
climate * dunes * soils * landforms * drought
Geographical descriptor: Niger * Africa
- 1697 *Jacobberger, P.A*
REMOTE SENSING AND FIELD STUDY OF DROUGHT
RELATED CHANGES IN THE ISLAND NIGER DELTA OF
MALI
Meeting or Conf.: International Symposium on Remote Sensing
of Environment, 20th, Nairobi, Kenya, Dec. 4-10, 1986
Lang.: eng. Ann Arbor, MI: Environmental Research Institute.
1986. Chapter 135, p.1379. Note: (In) Proceedings of the 20th
International Symposium on Remote Sensing of Environment by
J.J. Cook (ed.), 3 Vols
Descriptor: satellites * remote sensing * field mapping * drought
* soils * morphological processes * surface water * Landsat *
desiccation * soil mapping * erosion * dunes * sand stringers
Geographical descriptor: Mali * Niger Delta * Africa
- 1698 *Jacobberger, P.A*
THE INTERACTION OF WIND AND WATER IN THE
DESERTIFICATION ENVIRONMENT
Meeting or Conf.: International Symposium on Remote Sensing
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Lang.: eng. Ann Arbor, MI: Environmental Research Institute.
1986. Chapter 10, p.87-. Note: (In) Proceedings of the 20th
International Symposium on Remote Sensing of Environment,
(Vol.1-3) by J.J. Cook (ed.)
Descriptor: desertification * process response * models * winds
* water * deserts * marginal land * eolian processes *
morphogenesis * drought
- 1699 *Jacobs, P.; Munro, D.A*
CONSERVATION WITH EQUITY: STRATEGIES FOR
SUSTAINABLE DEVELOPMENT: PROCEEDINGS OF THE
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IMPLEMENTING THE WORLD CONSERVATION
STRATEGY, OTTAWA, CANADA, 31 MAY - JUNE, 1986
Meeting or Conf.: Conference on Conservation and
Development: Implementing the World Conservation Strategy,
Ottawa
Lang.: eng. Gland, Switzerland: International Union for
Conservation of Nature and Natural Resources. 1987. ix, 466p
Descriptor: environmental conservation * environmental impact
* environmental law * natural resources * water resources *
planning

- 1700 *Jacobsen, T.; Adams, R.M*
SALT AND SILT IN ANCIENT MESOPOTAMIAN AGRICULTURE
Lang.: eng. 1958. Series title: Science. Vol.128(3334):p.1251-1258
Descriptor: history * agriculture * salts * silts
Geographical descriptor: Mesopotamian Plain * Middle East
- 1701 *Jaekel, D*
PRELIMINARY ACCOUNT OF STUDIES ON THE DEVELOPMENT AND DISTRIBUTION OF PRECIPITATION IN THE SAHEL AND ADJOINING AREAS
Lang.: eng. 1977. Series title: Applied Sciences and Development. Vol.10:p.81-95
Descriptor: forecasting * climatic fluctuations * environmental variability * rainfall * regional surveys
Geographical descriptor: Chad * Niger * Sahel * Africa
- 1702 *Jaekel, D*
RAINFALL PATTERNS AND LAKE LEVEL VARIATIONS AT LAKE CHAD
Meeting or Conf.: Nordic Symposium on Climatic Changes and Related Problems, 2nd, Stockholm, Sweden, May 16-20, 1983
Lang.: eng. Dordrecht, The Netherlands: D. Reidel Pub. Co. 1984. p.191-200. ISBN 90-277-1779-6. Note: (In) Climatic Changes on a Yearly to Millennial Basis: Geological, Historical and Instrumental Records by N. Moerner and W. Karleln (eds.)
Descriptor: rainfall patterns * lake level * climatic change
Geographical descriptor: Lake Chad * Chad * Africa
- 1703 *Jaenicke, R*
MONITORING AND CRITICAL REVIEW OF THE ESTIMATED SOURCE STRENGTH OF MINERAL DUST FROM THE SAHARA
Lang.: eng. 1979. Series title: Scope. No.14:p.233-242. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy
Geographical descriptor: Africa
- 1704 *Jaffe, S*
DROUGHT AND DESERTIFICATION
Lang.: eng. July 1986. Series title: Water Irrigation Review. p.26-27. ISSN 0334-5807
Descriptor: drought * desertification
- 1705 *Jafri, S.K*
DESERTIFICATION: A SELECTED BIBLIOGRAPHY WITH ABSTRACTS OF SOME USEFUL REFERENCES
Lang.: eng. Jun 1984. Series title: Bulletin of Irrigation Drainage and Flood Control Research Council of Pakistan. Vol.14(1):p.33-70
Descriptor: bibliographies * desertification * erosion control * natural disasters
- 1706 *Jain, J.K*
INDIA: UNDERGROUND WATER RESOURCES
Lang.: eng. 1977. Series title: Royal Society of London, Philosophical Transactions, Ser.B. Vol.278:p.507-524
Descriptor: water resources * groundwater * irrigation * surveys
Geographical descriptor: India
- 1707 *Jalel, T*
DESERTIFICATION EN TUNISIE (Desertification in Tunisia)
Lang.: fr. Tunis, Tunisia: Association Tunisienne de l'Amenagement Rural, de l'Irrigation et du Drainage. June 1980. CND/TN-Access No.-03099. 16p
Descriptor: plant protection * soil erosion * soil reclamation
Geographical descriptor: Tunisia * Francophone Africa * Africa
- 1708 *James, J.W*
EROSION SURVEY OF THE PAROO- UPPER DARLING REGION
Lang.: eng. 1959-1960. Series title: New South Wales Soil Conservation Service Journal. Vol.15:p.148-159; Vol.16:p.41-53, p.185-206, p.253-275
Descriptor: erosion * soil surveys
Geographical descriptor: Paroo-Upper Darling Region * Western Australia * Australia
- 1709 *James, K.R*
AGRICULTURAL ENGINEERING IN A THIRD WORLD COUNTRY: SUDAN
Meeting or Conf.: Conference on Agricultural Engineering, Adelaide, Australia, Aug. 24-28, 1986. Preprints of Papers
Lang.: eng. Barton, Australia: Institution of Engineers. 1986. p.168-172
Descriptor: agriculture * engineering * mechanization * appropriate technology * developing countries
Geographical descriptor: Australia * Sudan * Africa
- 1710 *Jankz, B*
DIE MORPHODYNAMISCHE WIRKSAMKEIT VON FLAECHENSPUELPROZESSEN BEI UNTERSCHIEDLICHEN VEGETATIONSBESTAND AUF LATERITPLATEAUS IM SEMI-ARIDEN WEST-AFRIKA
Lang.: ger. 1977. Series title: Karlsruher Geographische. Vol.8:p.89-99
Descriptor: floods * climatic vegetal relationships * ground cover
Geographical descriptor: West Africa * Africa
- 1711 *Jankz, B*
NATURPOTENTIAL UND LANDNUTZUNG IM NIGERTAL BEI NIAMEY, REPUBLIK NIGER (Natural Potential and Land Use in the Niger Valley at Niamey, Republic of Niger)
Lang.: ger. Geographische Gesellschaft zu Hannover. 1973. Series title: Geographische Gesellschaft zu Hannover Jahrbuch. Vol.1972. 189p
Descriptor: land use * cultivation * infiltration * soil types * climate * water sources * plains * dunes * wadi * sand
Geographical descriptor: Niger * Africa
- 1712 *Jarvis, C*
WHY PLANTS ARE VITAL
Lang.: eng. 1980. Series title: Oryx. Vol.15(5):p.453
Descriptor: plants * plant ecology * desert plants
- 1713 *Jasanoff, S*
MANAGING INDIA'S ENVIRONMENT: NEW OPPORTUNITIES, NEW PERSPECTIVES
Lang.: eng. 1986. Series title: Environment. Vol.28(8):p.12
Descriptor: environmental management
Geographical descriptor: India
- 1714 *Jasinski, J.; Karnovitz, A*
WEATHER SATELLITES: TRACKING THE DROUGHT
Lang.: eng. Apr. 1985. Series title: Weatherwise. Vol.38(2):p.79, 98-99. ISSN 0043-1672
Descriptor: satellites * meteorology * weather forecasting * drought
Geographical descriptor: Africa
- 1715 *Jayal, N.D*
ELIMINATING POVERTY: AN ECOLOGICAL RESPONSE
Lang.: eng. New Delhi: Indian National Trust for Art and Cultural Heritage. 1986. Series title: INTACH Environmental Series. No.3. 30p
Descriptor: natural resources * ecosystems * soil surveys * soil classification * physico-chemical properties of soils * water resources * climate * plant resources * environmental conservation * soil degradation * irrigation * technology * fertilizers * land management * drought * water conservation
- 1716 *Jaynes, R.A.; Harper, K.T*
PATTERNS OF NATURAL REVEGETATION IN ARID SOUTHEASTERN UTAH
Lang.: eng. 1978. Series title: Journal of Range Management. Vol.31(6):p.407-411
Descriptor: revegetation * arid land * reclamation * mining * mine wastes
Geographical descriptor: Utah

- 1717 *Jean, B*
SECHERESSE ET DESERTIFICATION AU MALI. 2EME PARTIE: PERSPECTIVES (Drought and Desertification in Mali. Part 2: Prospects)
Lang.: fre. 1985. Series title: *Revue Forestiere Francaise*. Vol.37(4):p.315-331
Descriptor: deforestation * community forestry * arid land * agroforestry * fuelwood * afforestation * resources * drought * desertification * forestry
Geographical descriptor: Mali * Sahel * Africa
- 1718 *Jean, B*
SECHERESSE ET DESERTIFICATION AU MALI: SITUATION ACTUELLE ET PERSPECTIVES. IERE PARTIE: LA SITUATION ACTUELLE (Drought and Desertification in Mali; Present situation and prospects. Part 1: The present situation)
Lang.: fre. 1985. Series title: *Revue Forestiere Francaise*. Vol.37(2):p.77-92. Note: Summary language: English, German, Spanish
Descriptor: deforestation * erosion * winds * soil degradation * soil fertility * desertification * forestry practices * wind erosion
Geographical descriptor: Mali * Sahel * Africa
- 1719 *Jefferson, J.H.K*
SOIL CONSERVATION IN THE SUDAN: DEVELOPMENT AND PROJECTS
Lang.: eng. Khartoum, Sudan: Sudan. Ministry of Agriculture. 1952? 166p
Descriptor: soil conservation * reclamation * erosion control * desertification control
Geographical descriptor: Sudan * Africa
- 1720 *Jenik, J.; Hall, J.B*
THE ECOLOGICAL EFFECTS OF THE HARMATTAN WIND IN THE DJEBOBO MASSIF (TOGO MOUNTAINS, GHANA)
Lang.: eng. 1966. Series title: *Journal of Ecology*. Vol.54(3):p.767-779
Descriptor: microclimatology * climatic vegetal relationships * seasonality * harmattan * soil erosion * soil moisture * physico-chemical properties of soils * dry season * wind velocity * desiccation * xerophytes * desertification * Harmattan Wind
Geographical descriptor: Ghana * Togo Mountains * Djebobo Massif * Africa
- 1721 *Jensen, A.M*
EROSION CONTROL IN THE NEAR AND MIDDLE EAST: DESERT EXPANSION
Lang.: eng. Kobenhavn, Denmark: Royal Veterinary and Agricultural University. 1975. No.28. 24p
Descriptor: soil conservation * soil erosion * desertification
Geographical descriptor: Thar Desert * Africa * Sahara
- 1722 *Jerve, A.M*
NOTAT OM FORØERKNING. VIRKNINGER OG ÅRSÅKER (Desertification: Causes and Consequences: Somalia, Botswana)
Lang.: nor. Bergen, Norway: Chr. Michelsens Inst. DERAP. 1981. Series title: *DERAP Working Papers*. No.A 214. 29p. Note: Summary language: English, Norwegian
Descriptor: desertification * plant protection * soil erosion * soil reclamation
Geographical descriptor: Somalia * Botswana * Anglophone Africa * Africa
- 1723 *Jessup, R.W*
THE SOILS, GEOLOGY AND VEGETATION OF NORTH-WESTERN SOUTH AUSTRALIA
Lang.: eng. 1951. Series title: *Royal Society of South Australia Transactions*. Vol.74(2):p.189-273
Descriptor: physical geography * maps * trees * lagomorpha * animal damage * grazing * soil types * geology * vegetation * sheep * carrying capacity
Geographical descriptor: South Australia * Australia
- 1724 *Jewitt, T.N.; Manton, J.S*
SOIL EXHAUSTION IN THE GOZ SANDS OF THE SUDAN
Meeting or Conf.: International Congress of Soil Science, 5th, Leopoldville, 1954, Transactions
Lang.: eng. 1954. Vol.2:p.413-416
Descriptor: soil mechanics * sand * physico-chemical properties of soils
Geographical descriptor: Sudan * Africa
- 1725 *Jinadu, L.A*
THE SOCIAL SCIENCES AND DEVELOPMENT IN AFRICA: ETHIOPIA, MOZAMBIQUE, TANZANIA AND ZIMBABWE
Lang.: eng. Stockholm, Sweden: Swedish Agency for Research Cooperation with Developing Countries. 1985. Series title: *SAREC Report*. No.R1. 188p
Descriptor: economic development * industrial development * rural development * demography * human health * social services * housing and shelter * information
Geographical descriptor: Ethiopia * Mozambique * Tanzania * Zimbabwe * Africa
- 1726 *Jodha, N.S*
CONSERVATION TECHNOLOGY AND CAPITAL FORMATION IN ARID AGRICULTURE
Lang.: eng. 1970. Series title: *Annals of Arid Zone*. Vol.9(4):p.215-220
Descriptor: agriculture * water shortage * water conservation * economics * erosion control * conservation
Geographical descriptor: Rajasthan * India
- 1727 *Jodha, N.S*
COST-BENEFIT ANALYSIS OF PASTURE IMPROVEMENT IN THE ARID REGION OF RAJASTHAN
Lang.: eng. 1968. Series title: *Annals of Arid Zone*. Vol.7(2):p.250-257
Descriptor: pastures * management * grasslands * reclamation * revegetation * contour furrows * costs * economics
Geographical descriptor: Rajasthan * India
- 1728 *Jodha, N.S*
DROUGHT AND SCARCITY IN THE RAJASTHAN DESERT: SOME BASIC ISSUES
Lang.: eng. 1969. Series title: *Economic Political Weekly (Bombay)*. Vol.4(16):p.699-703
Descriptor: drought * water conservation * planning * government policy
Geographical descriptor: Rajasthan * India
- 1729 *Jodha, N.S*
THE OPERATING MECHANISM OF DESERTIFICATION AND CHOICE OF INTERVENTIONS
Lang.: eng. Jodhpur, India: Scientific Publishers. 1980. p.429-438. Note: (In) *Arid Zone Research and Development* by H.S. Mann (ed.)
Descriptor: desertification * economics
Geographical descriptor: India
- 1730 *Jodha, N.S*
THE PROCESS OF DESERTIFICATION AND THE CHOICE OF INTERVENTION
Lang.: eng. 1980. Series title: *Economic and Political Weekly*. Vol.15(32):p.1351-1356
Descriptor: desertification control * land use
Geographical descriptor: India * Rajasthan
- 1731 *Jodha, N.S*
THE ROLE OF ADMINISTRATION IN DESERTIFICATION: LAND TENURE AS A FACTOR IN THE HISTORICAL ECOLOGY OF WESTERN RAJASTHAN
Lang.: eng. London, U.K.: Academic Press. 1982. p.333-350. Note: (In) *Desertification and Development: Dryland Ecology in Social Perspective* by B. Spooner and H.S. Mann (eds.)
Descriptor: tenure systems * ecology * soil fertility * desertification
Geographical descriptor: India * Rajasthan

- 1732 *Joger, U*
THE HERPETO FAUNA OF CAMEROON 2
 Lang.: ger. Marburg, FRG: Philipps-Universitaet. Fachbereich Biologie Zoologie. 1982. Series title: Bonn Zool. Beitr. Vol.33(2-4):p.313-342
Descriptor: fauna * herpetology * reptiles * deserts
Geographical descriptor: Cameroon * Africa
- 1733 *Johnson, A*
DESERTIFICATION AND LAND DEGRADATION IN AFRICA
 Lang.: eng. 1986. Series title: General Rev. World Coal Industry Progress Report (High Wycombe). p.24-33
Descriptor: deserts * land degradation * desertification * soil erosion * conservation
Geographical descriptor: Africa
- 1734 *Johnson, A. (ed.)*
DESERTIFICATION. SAREC WORKSHOP MAY 1982. SWEDISH AGENCY FOR RESEARCH COOPERATION WITH DEVELOPING COUNTRIES
 Lang.: eng. Stockholm, Sweden: Swedish Agency for Research. May 1982. 149p
Descriptor: desertification * rainfed farming * grazing * forest resources * fuelwood * water erosion * soil conservation * transhumance * animal feeding * animal husbandry * cropping systems * energy sources * feeding systems * forest products * injurious factors * natural disasters * natural resources * animal nutrition * resource conservation * roundwood * soil management * unrestricted feeding
Geographical descriptor: Sudan * Morocco * Tanzania * Botswana * Kenya * Anglophone Africa * Francophone Africa * Africa
- 1735 *Johnson, B.; Ofosu Amaah, W*
LEGAL, REGULATORY AND INSTITUTIONAL ASPECTS OF ENVIRONMENTAL AND NATURAL RESOURCES MANAGEMENT IN DEVELOPING COUNTRIES: A COUNTRY STUDY OF SUDAN
 Lang.: eng. Washington, D.C.: National Park Service. May 1982. 82p
Descriptor: natural resources * wildlife * irrigation * water pollution * government policy * law * ecology * conflicts * organizations * land use * local government * law enforcement * environmental impact
Geographical descriptor: Sudan * Red Sea * Africa
- 1736 *Johnson, D.L*
CHANGING PATTERNS OF PASTORAL NOMADISM IN NORTH AFRICA
 Lang.: eng. London, U.K.: John Wiley. 1974. p.147-166. Note: (In) Spatial Aspects of Development by B.S. Hoyle (ed.)
Descriptor: pastoralism * nomads * ecology * transhumance * oases * social aspects * coastal areas * political aspects * economic development * urban areas * land use * pastures
Geographical descriptor: North Africa * Africa
- 1737 *Johnson, D.L*
HOLISTIC PERSPECTIVES ON ARID LAND MANAGEMENT
 Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
 Lang.: eng. Boulder, CO: Westview Press. 1988. p.591-604. Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference, by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R.G. Varady (eds.), 1435p
Descriptor: arid land * land management
- 1738 *Johnson, D.L*
MANAGEMENT STRATEGIES FOR DRYLANDS: AVAILABLE OPTIONS AND UNANSWERED QUESTIONS
 Lang.: eng. Tokyo: United Nations University. 1979. p.26-35. ISBN 92-808-0044-2. Note: (In) Khartoum Workshop on Arid Lands Management, Proceedings J.A. Mabbutt, (ed.), 97p
Descriptor: productivity * ecosystems * planning * natural resources * resource survey * land use * land management * regional surveys
- 1739 *Johnson, D.L*
THE HUMAN DIMENSIONS OF DESERTIFICATION
 Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.317-321
Descriptor: human activity * desertification * drought
- 1740 *Johnson, D.L*
THE NATURE OF NOMADISM: A COMPARATIVE STUDY OF PASTORAL MIGRATIONS IN SOUTHWESTERN ASIA AND NORTHERN AFRICA
 Lang.: eng. 1969. Series title: University of Chicago. Department of Geography. Research Paper. 118. 200p
Descriptor: pastoralism * nomads * bibliographies * camels * migration * geographical origin * environmental variability * land resources * transhumance * grazing
Geographical descriptor: Turkey * Africa * Middle East * Arabian Desert * Iran * Afghanistan * North Africa * Mauritania * Sahara
- 1741 *Johnson, D.L*
THE RESPONSE OF PASTORAL NOMADS TO DROUGHT IN THE ABSENCE OF OUTSIDE INTERVENTION
 Lang.: eng. New York: United Nations Secretariat. Special Sahelian Office. 1973. 23p
Descriptor: pastoralism * nomads * drought
Geographical descriptor: Sahel * Africa
- 1742 *Johnson, D.L. (ed.)*
THE HUMAN FACE OF DESERTIFICATION
 Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.317-432
Descriptor: desertification * social aspects * environmental impact * humans * appropriate technology
Geographical descriptor: Kenya * Pakistan * Mexico * Argentina * Iran * Tanzania * South Australia * Africa * Middle East * Australia * Arizona * China
- 1743 *Johnson, D.S.; Roder, W*
PROCEEDINGS OF THE NATIONAL SEMINAR ON ENVIRONMENT AND DEVELOPMENT: A REVIEW OF SOME ENVIRONMENTAL PROBLEMS IN ZAMBIA
 Meeting or Conf.: National Seminar on Environment and Development Lusaka
 Lang.: eng. Lusaka, Zambia: Zambia Geographical Association. 1979. Series title: Occasional Study. No.10. Note: This publication also appears as publication no.2 of the Zambian Environmental Trends and Issues Project
Descriptor: environmental impact * environmental conservation * land management * agricultural production * natural resources * water resources * environmental pollution * forests * energy
Geographical descriptor: Zambia * Africa
- 1744 *Johnson, J.D*
DESERTIFICATION IN THE UNITED STATES
 Lang.: eng. New York: Pergamon Press. 1982. p.1261-1275. Note: (In) Alternative Strategies for Desert Development and Management. Vol.4 by United Nations Institute for Training and Research
Descriptor: desert management * soil fertility * desertification
Geographical descriptor: USA
- 1745 *Johnson, K*
DISINTEGRATION OF A TRADITIONAL RESOURCES-USE COMPLEX: THE OTOMI OF THE MEZQUITAL VALLEY, MEXICO
 Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.364-367
Descriptor: Otomi Indians * dry farming * drought * economic impact * social aspects * desertification * arable land * human activity
Geographical descriptor: Mexico * Mezquital Valley
- 1746 *Johnson, M.S.; Bradshaw, A.D*
ECOLOGICAL PRINCIPLES FOR THE RESTORATION OF DISTURBED AND DEGRADED LAND
 Lang.: eng. 1979. Series title: Applied Biology. Vol.4:p.141-200
Descriptor: reclamation * planning * limiting factors * ecosystems * monitoring

- 1747 *Johnson, R.R.; Simpson, J.M*
DESERTIFICATION OF WET RIPARIAN ECOSYSTEMS IN ARID REGIONS OF THE NORTH AMERICAN SOUTHWEST
Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
Lang.: eng. Boulder, CO: Westview Press. 1988. p.1383-1393.
Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R.G. Varady (eds.), 1435p
Descriptor: desertification * riparian ecosystems * arid land
Geographical descriptor: North America * Southwestern U.S
- 1748 *Johnson, S*
ALLAN SAVORY: GURU OF FALSE HOPES AND AN OVERSTOCKED RANGE
Lang.: eng. Apr. 27, 1987. Series title: High Country News. Vol.19(8):p.10
Descriptor: rangelands * holistic management systems * livestock * grazing methods * overgrazing
- 1749 *Johnson, T.N*
THE EFFECT OF SHEEP AND RABBIT GRAZING ON REGENERATION OF WHITE CYPRESS PINE
Lang.: eng. (not dated). Series title: Australian Forest Research. Vol.4(2):p.3-12
Descriptor: sheep * Lagomorpha * trees * grazing * revegetation * Cupressus
- 1750 *Joly, F*
ETUDE DES INDICES DE THORNTHWAITE POUR QUELQUES STATIONS DU MAROC
Lang.: fre. Rabat, Morocco: Institut Scientifique Cherifien. Service de Physique de Globe et de Meteorologie. 1958. Series title: Institut Scientifique Cherifien. Service de Physique de Globe et de Meteorologie. Annales. Vol.18:p.119-128
Descriptor: aridity index * climatic zones * climatic data * data collection
Geographical descriptor: Africa * Morocco
- 1751 *Joly, F*
ETUDES SUR LE RELIEF DU SUD-EST MAROCAIN
Lang.: fre. Institut Scientific Cherifien. 1962. Series title: Institut Scientific Cherifien. Serie Geologie et Geographie Physique. Vol.10. 578p
Descriptor: topography * basins * wadi * maps * geomorphology * slopes * plains * biogeography * climate * hydrology * Quaternary period
Geographical descriptor: Morocco * Africa
- 1752 *Joly, F.; Margat, J*
L'EVOLUTION RECENTE DU RESEAU HYDROGRAPHIQUE DANS LA PLAINE DU TAFILALIT (SUD-EST MOROCAIN)
Lang.: fre. 1955. Series title: Service Geologique du Maroc. Notes. Vol.11(123):p.59-72
Descriptor: geomorphology * hydrology * plains * wadi
Geographical descriptor: Morocco * Africa
- 1753 *Joly, F.; et al*
LES HAMADAS SUD-MAROCAINES
Lang.: fre. Rabat, Morocco: Institut Scientifique Cherifien. 1954. Series title: Institut Scientifique Cherifien. Serie Generale Travaux. Vol.2. 290p
Descriptor: geology * geomorphology * hamadas
Geographical descriptor: Morocco * Sahara * Africa
- 1754 *Joly, F*
LES MILIEUX ARIDES. DEFINITION. EXTENSION
Lang.: fre. Rabat, Morocco: Societe de Geographie du Maroc. 1957. Series title: Societe de Geographie du Maroc. Notes Marocaines. Vol.8:p.15-30
Descriptor: aridity * environmental impact * maps * deserts
- 1755 *Joly, F*
NOTES SUR LE CALCUL DES INDICES DE THORNTHWAITE
Lang.: fre. Rabat, Morocco: Societe de Geographie du Maroc. 1959. Series title: Societe de Geographie du Maroc. Notes Marocaines (Rabat). Vol.11-12:p.5-14
Descriptor: aridity index * climatic data
Geographical descriptor: Morocco * Africa
- 1756 *Joly, F*
PEDIMENTS ET GLACIS D'EROSION DANS LE SUD-EST DU MAROC (Pediments and Erosion Surfaces in Southeastern Morocco)
Meeting or Conf.: International Geographical Congress, 16th, Lisbon, 1949, Comptes Rendus
Lang.: fre. Lisbon: International Geographical Congress. 1950. Vol.2:p.110-125. Note: (In) Minho, Tr'as-os-Montes, Haut-Douro
Descriptor: pediments * slopes * erosion
Geographical descriptor: Morocco * Africa
- 1757 *Joly, F*
QUELQUES PHENOMENES D'ECOULEMENT SUR LA BORDURE DU SAHARA, DANS LES CONFINES ALGERO-MAROCAINS, ET LEURS CONSEQUENCES MORPHOLOGIQUES (Some Phenomena of Drainage on the Saharan Border in Algeria-Morocco and their Morphological Consequences)
Meeting or Conf.: International Geological Congress, 19th, Algiers, 1952, Comptes Rendus
Lang.: fre. International Geological Congress. 1953. Vol.7(7):p.135-143
Descriptor: drainage * erosion * geomorphology
Geographical descriptor: Algeria * Morocco * Africa
- 1758 *Joly, F.; Margat, J*
REMARQUES SUR LES BASSINS HYDROGRAPHIQUES DU ZIZ ET DU RHERIS (SE MAROCAIN)
Lang.: fre. 1955. Series title: Service Geologique du Maroc. Notes. Vol.12(125):p.41-57
Descriptor: hydrology * basins * geomorphology * drainage * topography
Geographical descriptor: Morocco * Africa
- 1759 *Joly, F*
SUR LA REPARTITION ET LA LIMITE DES DUNES DESERTIQUES DANS LES COFINES ALGERO-MAROCAINS
Meeting or Conf.: International Geographical Congress, 17th, Washington, 1952, Proceedings
Lang.: fre. Washington, D.C.: International Geographical Congress. 1952. p.131-135. Note: (In) Rapports Preliminaires pour la 8 eme Assemblee et le 17 eme Congress International
Descriptor: deserts * dunes
Geographical descriptor: Morocco * Algeria * Africa
- 1760 *Joly, F*
SUR LE DEDOUBLEMENT DE LA SERIE TERTIAIRE DE LA HAMADA DU GUIR AU SUD DE TAOUZ, ET SUR L'EXTENSION PROBABLE DU TERTIAIRE DANS LES PAYS DE LA DAOURA (MAROC SUD-ORIENTAL)
Lang.: fre. Societe Geologique de France. 1950. Series title: Societe Geologique de France. Compte Rendu Sommaire. Vol.10:p.170-172
Descriptor: Tertiary period * hamadas
Geographical descriptor: Morocco * Africa
- 1761 *Jones, B*
DESICCATION AND THE WEST AFRICAN COLONIES
Lang.: eng. 1938. Series title: Geographical Journal. Vol.91(5):p.401-423
Descriptor: desiccation * desertification * vegetation change
Geographical descriptor: West Africa * Africa * Sahara
- 1762 *Jones, D.B*
DROUGHT AND ARABLE FARMING
Meeting or Conf.: Symposium on Drought in Botswana, Jun. 5-8, 1978, Gaborone, Proceedings
Lang.: eng. Worcester, Ma: 1979. p.234-239
Descriptor: drought * arable land * livestock * pastoralism * seeds * land management
Geographical descriptor: Botswana * Africa

- 1763 *Jones, K.R.; et al*
ARID ZONE HYDROLOGY FOR AGRICULTURAL DEVELOPMENT
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1981. Series title: FAO Irrigation and Drainage Paper. No.37. 271p. A96p
Descriptor: agricultural production * water resources * water management * water use * rainfall * deserts * climate * precipitation * surface water * groundwater * remote sensing * water balance * marginal lands
- 1764 *Jones, P*
WINGS ACROSS AFRICA
Lang.: eng. 1984. Series title: Birds. Vol.10(3):p.30-33
Descriptor: birds * ecology * surveys
Geographical descriptor: Africa
- 1765 *Jones, R.M*
SCALD RECLAMATION STUDIES IN THE HAY DISTRICT, NEW SOUTH WALES: Natural reclamation of scalds. 2: Reclamation by ploughing. 3: Reclamation by ponding banks
Lang.: eng. 1966-1967. Series title: New South Wales Soil Conservation Service Journal. Vol.22:p.147-160; Vol.22:p.213-230; Vol.23:p.57-71
Descriptor: reclamation * soil erosion * runoff * vegetation change * erosion control * revegetation * soil water plant relationships
Geographical descriptor: New South Wales * Australia
- 1766 *Jones, R.M. (ed.)*
STUDIES OF THE AUSTRALIAN ARID ZONE: THE BIOLOGY OF ATRIPLEX
Lang.: eng. CSIRO. Division of Plant Industry. 1970. 128p
Descriptor: Atriplex * rangelands * grazing * animal damage * vegetation change * vegetation effects
Geographical descriptor: New South Wales * Australia
- 1767 *Jordan, G.L.; Maynard, M.L*
THE SAN SIMON WATERSHED: REVEGETATION
Lang.: eng. 1970. Series title: Progressive Agriculture in Arizona. Vol.22(6):p.4-7
Descriptor: Eragrostis lehmanniana * brush control * shrubs * sowing * introduced species * grasses * erosion control * erosion * ground cover * watershed management * range management * revegetation * germination * rainfall * temperature * forage * grasses * fodder plants * desert grassland * mechanical controls * summer precipitation * forage production
Geographical descriptor: San Simon Watershed * Arizona
- 1768 *Joshi, K.L*
PROBLEMS OF DESERT AGRICULTURE IN PUNJAB HARYANA AND WEST RAJASTHAN
Lang.: eng. 1969. Series title: Science and Culture. Vol.35(10):p.550-555
Descriptor: deserts * desertification * wind action * sand deserts * moisture deficit * grazing
Geographical descriptor: Rajasthan * India
- 1769 *Junge, C*
THE IMPORTANCE OF MINERAL DUST AS AN ATMOSPHERIC CONSTITUENT
Lang.: eng. 1979. Series title: Scope. No.14:p.49-60. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * solar energy * mineral resources
Geographical descriptor: Sahel * Africa
- 1770 *Kaale, B.K*
SOCIO-ECONOMIC ASPECTS IN RESPECT TO WOOD ENERGY RESEARCH AND PRODUCTION
Meeting or Conf.: International Symposium on Wood Energy Research, Uppsala
Lang.: eng. Dar es Salaam, Tanzania: Ministry of Natural Resources and Tourism. 1984. 34p
Descriptor: energy * economic development * appropriate technology * fuelwood
Geographical descriptor: Tanzania * Africa
- 1771 *Kabulov, S.K.; Sheripov, K*
ARIDIZATION AND ALTERATION OF DESERT ECOSYSTEMS
Lang.: eng. 1983. Series title: Problems of Desert Development. No.2:p.20-26. Note: Translated from: Problemy Osvoeniya Pustyn (1983, No.2:p.21-28)
Descriptor: soil fertility * desertification
Geographical descriptor: USSR * Aral Sea
- 1772 *Kabulov, S.K*
SYNGENESIS OF RECLAIMED SHORES OF THE ARAL SEA USSR
Lang.: rus. 1986. Series title: Ekologiya. No.5:p.15-20
Descriptor: syngeneses * coastal areas
Geographical descriptor: Aral Sea * USSR
- 1773 *Kaiser, K.; et al*
QUARTÄERSTRATIGRAPHISCHE UNTERSUCHUNGEN IM DAMASKUS-BECKEN UND SEINER UMGEBUNG (Quaternary Stratigraphic Research on the Damascus Basin and its Surroundings)
Lang.: ger. 1973. Series title: Zeitschrift fuer Geomorphologie. Vol.17(3):p.263-353
Descriptor: basins * Quaternary period * stratigraphy * paleoclimatology * Holocene epoch * soil formation * palynology * lakes * water level * glaciers * sedimentation * alluvium
Geographical descriptor: Syria * Middle East
- 1774 *Kalenov, G.S*
GEOGRAPHY OF PLANT VEGETATION IN CONNECTION WITH LITHOLOGICAL-GENETIC COMPLEXES
Lang.: eng. 1975. Series title: Problems of Desert Development. No.2:p.11-20. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: natural vegetation * vegetation distribution * lithology * genetics
- 1775 *Kalenov, G.S*
REKOMENDATSII PO ISPOL'ZOVANIYURASTITE'HYKH INDIKATOROV V KARAKUMAKH (Recommendations on the utilization of plant indicators in the Karakums)
Lang.: rus. Ashkhabad, Turkmen SSR: Turkmen SSR Academy of Sciences. Desert Institute. 1975. 57p
Descriptor: indicator plants * deserts
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 1776 *Kalensky, Z.D.; Howard, J.A.; Colella, G.; et al*
AGRICULTURAL DROUGHT MONITORING BY METEOSAT IN AFRICA
Rome: Food and Agriculture Organization. 1985. Series title: FAO RSC Series. No.37. 13p
Descriptor: drought * precipitation * remote sensing * Meteosat * satellites
Geographical descriptor: Africa
- 1777 *Kalla, J.C.; Ghosh, P.K.; Joshi, B.R*
LIVESTOCK PRODUCTIVITY AND DESERTIFICATION IN THE ARID LANDS OF WESTERN RAJASTHAN
Lang.: eng. 1977. Series title: Annals of Arid Zone. Vol.16(3):p.360-366
Descriptor: livestock * productivity * desertification * overgrazing * crop production * forage supply
Geographical descriptor: Rajasthan * India

- 1778 *Kaloga, B.; Pereira Barreto, S.; Khouma, M*
L'INVENTAIRE ET L'EVALUATION DES RESSOURCES EN SOLS COMME ELEMENTS DE BASE DANS TOUTE STRATEGIE DE DEVELOPPEMENT AGRICOLE ET DE LUTTE CONTRE LA DESERTIFICATION (The Inventory and Evaluation of Soil Resources as Basic Elements in any Strategy for Agricultural Development and to Counteract Desertification)
Lang.: fre. 1985. Series title: Bulletin des Recherches Agronomiques de Gembloux. Vol.20(3-4, pt.1):p.429-436. Note: Colloque International: Developpement Agricole et Conservation due Patrimoine Natural dans les Pays du Tiers-Monde, Gembloux, Belgium, 9-11 Oct. 1985
Descriptor: desertification control * soil resources * surveys * environmental impact * climatic change * ecosystems * erosion control * land classification * environmental factors * natural disasters * natural resources * site factors
Geographical descriptor: Senegal * Francophone Africa * Africa
- 1779 *Kaloko, F.R*
NATURAL HAZARDS IN THE CHAD BASIN REGION (DESERTIFICATION)
Lang.: eng. 1986. Series title: Asian Geographer. Vol.5(1):p.79-90
Descriptor: natural disasters * desertification
Geographical descriptor: Chad Basin * Chad * Africa
- 1780 *Kalu, A.E*
THE AFRICAN DUST PLUME; ITS CHARACTERISTICS AND PROPAGATION ACROSS WEST AFRICA IN WINTER
Lang.: eng. 1979. Series title: Scope. No.14:p.95-118. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: dust * wind erosion * wind energy * deserts
Geographical descriptor: Sahel * Africa
- 1781 *Kamal, B*
TACKLING THE SOCIO-ECONOMIC FACTORS: NOTES FROM EGYPT AND JORDAN
Lang.: ara. Mar.-Apr. 1986. Series title: Ceres. FAO Review on Agriculture and Development. Vol.19(2), No.110:p.25-29. Note: Also in English, French, Spanish
Descriptor: deserts * socioeconomic impact * desertification * terraces * afforestation * grassland management * soil stabilization * soil characteristics * dunes * cropping systems * forestry operations * natural disasters * physiographic features * natural disasters * soil management
Geographical descriptor: Egypt * Jordan * Middle East
- 1782 *Kamichika, M.; Yamamoto, T.; Kobashi, S.; et al*
ANALYSIS OF MECHANISM AND MOVEMENT OF DESERTIFICATION ON THE ARID LAND AREAS IN CHINA, FOCUSING ON THE MU US SHAMO AREAS: (PRELIMINARY INVESTIGATION)
Lang.: eng. [Mongolia?]: Inner Mongolia Research Group. 1987. 1 Vol
Descriptor: remote sensing * climate * desertification control * irrigation * technology * reclamation * forests * water resources * deserts
Geographical descriptor: Mongolia * Asia
- 1783 *Kamweti, D*
TREE HARVESTING
Lang.: eng. Nairobi, Kenya: Kenya Energy Non-Governmental Organization Association. 1982? p.14. Note: (In) Tree Planting and Agroforestry in Semi-Arid Zones of Kenya
Descriptor: agroforestry * seeds * fuelwood * energy
Geographical descriptor: Kenya * Africa
- 1784 *Kamweti, D*
TREE PLANTING IN AFRICA SOUTH OF SAHARA: Rev. ed
Lang.: eng. Nairobi, Kenya: Environment Liaison Center. 1982. 75p
Descriptor: plant production * climate * rainfall * soil surveys * soil classification * seeds * ecosystems * land management
Geographical descriptor: Africa
- 1785 *Kane, R.P.; Trivedi, N.B*
ARE DROUGHTS PREDICTABLE
Lang.: eng. 1986. Series title: Climatic Change. Vol.8(3):p.209-223
Descriptor: drought * desertification * forecasting * climatic change
- 1786 *Kane, R.P.; Trivedi, N.B*
ARE DROUGHTS PREDICTABLE?
Lang.: eng. Sao Jose dos Campos, Brazil: Instituto de Pesquisas Espaciais. 1984. 19p
Descriptor: drought * forecasting * rainfall * solar energy * climatic fluctuations * spectrum analysis * statistical analysis
Geographical descriptor: South America * Brazil * Sahara * Africa
- 1787 *Kantowicz, E*
NIEDTORE ASPEKTY OCHRONY PRZYRODY W STREFIE POLSUCHEJ PRZYKLADAFRYKANSKI
Lang.: pol. 1983. Series title: Prace i Studia Geograficzne. Vol.4:p.127-133
Descriptor: nature conservation * semiarid lands
Geographical descriptor: Africa
- 1788 *Kar, A*
PHYSICAL ENVIRONMENT, HUMAN INFLUENCES AND DESERTIFICATION IN PUSHKAR - BUDHA PUSHKAR LAKE REGION OF RAJASTHAN, INDIA
Lang.: eng. Jodhpur, India: Central Arid Zone, Research Institute. 1986. Series title: Environmentalist. Vol.6(3):p.227-232
Descriptor: environmental impact * human activity * desertification
Geographical descriptor: Budha Pushkar Lake * Rajasthan * India
- 1789 *Karmeli, D.; Yaalon, D.H.; Ravina, I*
DUNE SAND AND SOIL STRATA IN QUATERNARY SEDIMENTARY CYCLES OF THE SHARON COASTAL PLAIN
Lang.: eng. 1968. Series title: Israel Journal of Earth-Sciences. Vol.17(2):p.45-53
Descriptor: coastal areas * Quaternary period * leaching * sediments * soil formation * dunes * soil horizons * topography * eolian sands * fine textured soils * sand
Geographical descriptor: Middle East * Israel
- 1790 *Karpov, A.V.; Nebolsine, R*
INDUS VALLEY: KEY TO WEST PAKISTAN'S FUTURE
Lang.: eng. 1963. Series title: Indus. Monthly Journal of Water and Power Development Authority (Lahore). Vol.12:p.1-10
Descriptor: water shortage * environmental impact * rivers * geology * social aspects
Geographical descriptor: Indus Basin * Pakistan
- 1791 *Karpov, A.V.; Nebolsine, R*
RIVERS AND DESERT
Lang.: eng. 1961. Series title: Indus. Monthly Journal of Water and Power Development Authority (Lahore). Vol.1:p.1-11
Descriptor: rivers * deserts * mountains * geomorphology * river basins * gully erosion * desertification
Geographical descriptor: Thar Desert * India
- 1792 *Karrar, G.; Stiles, D*
THE GLOBAL STATUS AND TREND OF DESERTIFICATION
Lang.: eng. 1984. Series title: Journal of Arid Environments. Vol.7(4):p.309-312
Descriptor: desertification * world policy * global strategy
- 1793 *Karrar, G*
THE UN PLAN OF ACTION TO COMBAT DESERTIFICATION AND THE CONCOMITANT UNEP CAMPAIGN
Lang.: eng. 1984. Series title: Environmental Conservation. Vol.11(2):p.99-102
Descriptor: desertification control * environmental policy * desertification * PACD * UNEP

- 1794 **Karschov, R**
AFFORESTATION AND TREE PLANTING IN THE ARID AREAS OF THE NEGEV OF ISRAEL
Lang.: eng. 1964. Series title: *Annals of Arid Zone*. Vol.3:p.13-24
Descriptor: afforestation * trees
Geographical descriptor: Israel * Negev * Middle East
- 1795 **Kashyap, D.; Chandra, S**
A DISTRIBUTED CONJUNCTIVE USE MODEL FOR OPTIMAL CROPPING PATTERN
Lang.: eng. Wallingford, U.K.: International Association for Hydrological Sciences. 1982. No.135:p.377-384. Note: (In) *Optimal Allocation of Water Resources*
Descriptor: water resources * surface water * groundwater * irrigation
Geographical descriptor: India
- 1796 **Kassam, A.H**
CROPS OF THE WEST AFRICAN SEMI-ARID TROPICS
Lang.: eng. Hyderabad, India: International Crops Research Institute for the Semi-arid Tropics. 1976. vi, 154p
Descriptor: pest control * plant ecology * marginal lands * land management
Geographical descriptor: West Africa
- 1797 **Kassas, M**
DEFORESTATION, DESERTIFICATION AND SOIL LOSS
Lang.: eng. 1985. Series title: *Desertification Control Bulletin*. No.12:p.12-19
Descriptor: forestry practices * deforestation * desertification * erosion * arid land * review * soil types * saline soils * UNEP * PACD
- 1798 **Kassas, M**
DESERTIFICATION VERSUS POTENTIAL FOR RECOVERY IN CIRCUM-SAHARAN TERRITORIES
Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1970. p.123-142. Note: (In) *Arid Lands in Transition* by H.E. Dregne (ed.)
Descriptor: desertification * grazing effects * land management * vegetation change * soil erosion
Geographical descriptor: Sahara * Sudan * Africa
- 1799 **Kassas, M**
DROUGHT AND DESERTIFICATION
Lang.: eng. Cairo, Egypt: University of Cairo. Department of Botany. 1987. Series title: *Land Use Policy*. Vol.4(4):p.389-400
Descriptor: drought * desertification
- 1800 **Kassas, M**
ON THE ECOLOGY OF THE RED SEA COASTAL LAND
Lang.: eng. 1957. Series title: *Journal of Ecology*. Vol.45:p.187-203
Descriptor: coastal areas * plant communities * plant ecology
Geographical descriptor: Red Sea * Sudan * Africa
- 1801 **Kassas, M.; El Abyad, M.S**
ON THE PHYTOSOCIOLOGY OF THE DESERT VEGETATION OF EGYPT
Lang.: eng. 1962-1963. Series title: *Annals of Arid Zone*. Vol.1(1-2):p.54-83
Descriptor: plant ecology * plant communities * taxonomy * vegetal relationships
Geographical descriptor: Egypt * Suez * Africa
- 1802 **Kassas, M**
PFLANZENLEBEN IN DER OESTLICHEN SAHARA (The life of plants in Eastern Sahara)
Lang.: ger. Munich: Weltforum Verlag. 1971. vol.1, P.477-497. Note: (In) *Die Sahara und ihre Randgebiete* by H. Schiffers (ed.)
Descriptor: vegetation * *Acacia tortilis* * *Acacia* * perennials * ephemerals * overgrazing * wadi * oases * coastal deserts
Geographical descriptor: Egypt * Sudan * Sahara * Nile River * Africa
- 1803 **Kassas, M.; Batawouy, K.H**
PLANT ECOLOGY
Lang.: eng. Oxford, U.K.: Pergamon Press. 1984. p.77-90. Note: (In) *Sahara Desert* by J.L. Cloudsley-Thompson (ed.)
Descriptor: plant ecology * deserts * desert plants
Geographical descriptor: Sahara * Africa
- 1804 **Kassas, M**
RAINFALL AND VEGETATION IN ARID NORTHEAST AFRICA
Lang.: eng. Paris: UNESCO. 1955. Series title: *Arid Zone Research*. Vol.5:p.49-57. Note: (In) *Plant Ecology Symposium, Montpellier, Proceedings*
Descriptor: vegetation * water resources * climate * climatic vegetal relationships
Geographical descriptor: Egypt * Sudan * Africa
- 1805 **Kassas, M**
SEVEN YEARS AFTER THE 1977 UN CONFERENCE ON DESERTIFICATION: LESSONS LEARNED OR TO BE LEARNED
Lang.: eng. 1984. Series title: *Environmental Conservation*. Vol.11(3):p.195-197
Descriptor: desertification * environmental policy * UNEP * PACD
- 1806 **Kassas, M**
THE FOURTH WORLD CONSERVATION LECTURE: THE EVOLUTION OF CONSERVATION AND CONTEMPORARY ISSUES
Lang.: eng. 1985. Series title: *The Environmentalist*. Vol.5(1):p.6-11
Descriptor: conservation * trends * environmental policy
- 1807 **Kassas, M**
THE RIVER NILE ECOLOGICAL SYSTEM: A STUDY TOWARDS AN INTERNATIONAL PROGRAMME
Lang.: eng. 1971. Series title: *Biological Conservation*. Vol.4(1):p.19-25
Descriptor: river basins * ecosystems * arid land * water resources * resource development * regional surveys * geomorphology * land use * natural resources * water conservation * vegetation effects * erosion * sedimentation * dams * desertification * settlements * land management * environmental effects
Geographical descriptor: Africa * Nile River
- 1808 **Kates, R.W**
DROUGHT IMPACT IN THE SAHELIAN - SUDANIC ZONE OF WEST AFRICA: A COMPARATIVE ANALYSIS OF 1910-15 AND 1968-74
Lang.: eng. Nov. 1980. 92p
Descriptor: environmental impact * drought
Geographical descriptor: Sahel * Sudan * West Africa * Africa
- 1809 **Kates, R.W.; Johnson, D.L.; Haring, K.J**
POPULATION, SOCIETY AND DESERTIFICATION Background Document
Meeting or Conf.: United Nations Conference on Desertification, Nairobi
Lang.: eng. Doc. no.: A/Conf. 74/8. 1977. 62p. Note: A Component Review for United Nations Conference on Desertification, Nairobi
Descriptor: humans * desertification * human population * social organization * review * hazards * environmental impact * drought * migration * political aspects * agriculture * urban areas
Geographical descriptor: Argentina * South America * Mendoza Province
- 1810 **Katsnelson, J**
FREQUENCY OF DUST STORMS AT BEER SHEVA
Lang.: eng. 1970. Series title: *Israel Journal of Earth Sciences*. Vol.19(2):p.69-76
Descriptor: dust storms * arid land * climatic data * sand * wind velocity * environmental impact * eolian soils * fronts * meteorology * weather patterns
Geographical descriptor: Israel * Negev * Middle East

- 1811 *Katsnelson, J*
THE VARIABILITY OF ANNUAL PRECIPITATION IN PALESTINE
Lang.: ger. 1964. Series title: Archiv fuer Meteorologie, Geophysik, und Bioklimatologie. Ser.B, 13:163-172
Descriptor: atmospheric precipitation * environmental variability
Geographical descriptor: Palestine * Middle East
- 1812 *Kaul, R.N.; Thalen, D.C.P*
RANGE RESOURCES OF IRAQ, A PROBLEM ANALYSIS
Lang.: eng. 1971. Series title: Institute for Applied Research on Natural Resources. Technical Report (Abu Ghaib, Iraq). 20. 31p
Descriptor: pastoralism * tenure systems * range management * forage production * land use * nomads * social aspects * livestock * wadi * water conservation * rangelands * forage * plants * fodder plants * pastures * grazing * carrying capacity
Geographical descriptor: Iraq * Arabian Desert * Middle East
- 1813 *Kaul, R.N. (ed.)*
AFFORESTATION IN ARID ZONES
Lang.: eng. Hague, The Netherlands: W. Junk. 1970. 435p
Descriptor: afforestation * arid land * plant cover * reforestation * phytogeography * erosion control * introduced species * Eucalyptus * Acacia * Prosopis * Tamarix * ecosystems * shelterbelts * desertification
Geographical descriptor: Pakistan * Africa * Tunisia * Algeria * Morocco * India * USSR
- 1814 *Kaushik, R.C.; Kaul, R.N.; Subrahmanyam, V.P*
HOMOCIMES AND INTRODUCTION OF TREES AND SHRUBS WITH SPECIAL REFERENCE TO THE ARID AND SEMI-ARID ZONE OF INDIA
Lang.: eng. 1969. Series title: Indian Forester. Vol.95(5):p.283-292
Descriptor: climatic zones * climatic vegetal relationships * trees * shrubs * koepens climatic classification * climatic data * semiarid climate * arid climate * plant establishment
Geographical descriptor: India
- 1815 *Kayan, J*
GOKOVA VE CEVRESINDE FIZIKI COGRAFYA ARASTIRMALARI (Research on the Physical Geography of the Gokova Plain and its Surroundings)
Lang.: tur. 1971. Series title: Cografya Arastirmalari Dergisi. Vol.3-4:p.295-236
Descriptor: physical geography * plains
Geographical descriptor: Turkey
- 1816 *Kaz'yanov, F.M*
ROLE OF FOREST RECLAMATION IN THE CREATION OF A SOLID FODDER BASE IN SEMI-DESERTS
Lang.: rus. 1974. Series title: Bulletin' Vnielmi. Vol.14(68):p.8-13
Descriptor: afforestation * fodders * deserts * arid land
- 1817 *Kazantseva, T.I*
PRODUCTIVITY AND DYNAMICS OF ABOVEGROUND BIOMASS DESERT VEGETATION
Lang.: rus. 1980. Series title: Problemy Osvoeniya Pustyn. No. 2:p.77-84. Note: Summary in English
Descriptor: plant communities * plant ecology * phytogeography * deserts
Geographical descriptor: USSR * Transaltai Desert
- 1818 *Keating, R*
SCIENTISTS STUDY KENYAN PASTORALISTS' ARID HOMELAND
Lang.: eng. 1981. Series title: Unesco Features (Paris). Vol.767:p.7-12
Descriptor: pastoralism * arid land
Geographical descriptor: Kenya * Africa
- 1819 *Keay, R.W.J*
CHANGES IN AFRICAN VEGETATION
Lang.: eng. 1974. Series title: Environment and Change. Vol.2(6):p.387-394
Descriptor: vegetation * veld * fire effects * grazing * vegetation change
Geographical descriptor: Southern Africa * Africa
- 1820 *Kebschall, D*
HUNGER IN AFRICA: A WORLDWIDE CHALLENGE
Lang.: eng. 1985. Series title: Intereconomics. Vol.20(2):p.57-58
Descriptor: development policy * overseas debt * economic analysis
Geographical descriptor: Africa
- 1821 *Kel'dzhaev, P.S.; Gladyshev, A.I*
ON GROWING CONDITIONS OF GLYCYRRHIZAL. ON OASIS SANDS
Lang.: rus. 1980. Series title: Problemy Osvoeniya Pustyn. No.6:p.50-55. Note: Summary in English
Descriptor: Glycyrrhiza glabra * plant ecology * plant morphology * deserts
Geographical descriptor: USSR * Karakum Desert
- 1822 *Kelk, D.M.; Donaldson, C.H*
AN INVESTIGATION OF VELD PROBLEMS IN THE MOLOPO AREA II: Some Practical Implications of the Experimental Findings
Lang.: eng. South Africa: Grassland Society of South Africa. 1970. Series title: Grassland Society of South Africa. Proceedings. Vol.5:p.58-61
Descriptor: veld * reclamation
Geographical descriptor: South Africa * Molopo Area * Africa
- 1823 *Kelley, J.C*
FACTORS INVOLVED IN THE ABANDONMENT OF CERTAIN PERIPHERAL SOUTHWESTERN SETTLEMENTS
Lang.: eng. 1952. Series title: American Anthropologist. Vol.54(3):p.356-387
Descriptor: social aspects * American Indians * atmospheric precipitation * drought * semiarid climate * settlements * climatic change
Geographical descriptor: Southwestern U.S. * Colorado
- 1824 *Kellogg, C.E*
POTENTIALITIES AND PROBLEMS OF ARID SOILS
Meeting or Conf.: International Symposium held in Jerusalem, May 7-14, 1952
Lang.: eng. Jerusalem: Research Council of Israel. 1953. Vol.2:p.19-42. Note: Research Council of Israel Special Publication
Descriptor: physico-chemical properties of soils * soil structure * soil texture * soil classification * soil management * saline soils * irrigation effects * desertification
- 1825 *Kellogg, W.W.; Schneider, S.H*
CLIMATE, DESERTIFICATION, AND HUMAN ACTIVITIES
Lang.: eng. Boulder, CO: Westview Press. 1977. 346p. Note: (In) Desertification: Environmental Degradation in and Around Arid Lands by M.H. Glantz (ed.)
Descriptor: land degradation * desertification * forecasting * climatic change * humans
- 1826 *Kemper, B*
FRAGEN ZUR FRUCHTBARKEIT VON OXISOLEN IN SEMIARIDEN GEBIETEN NORDOST-BRASILIENS (Evaluation of the Soil Fertility of Oxisols in Semi-arid Regions in Northeast Brazil)
Lang.: ger. 1984. Series title: Giessener Beitrage zur Entwicklungsforschung, Reihe I. Vol.9:p.27-40. Note: Summary language: English
Descriptor: soil fertility * soil types * oxisols * genetics * ferralsols
Geographical descriptor: Brazil * South America
- 1827 *Keng K'uan Hung*
PRELIMINARY ACHIEVEMENTS IN STUDY OF DRIFT-SAND CONTROL BY CLAY BARRIERS IN MIN-CH'IN
Lang.: chi. 1961. Series title: Ti-Li (Peiping). Vol.5:p.200-205. Note: Translation by U.S. Joint Publications Research Service, Washington, D.C., as JPRS Document 19,037
Descriptor: sand control * clay * mechanical controls * barriers * wind action * revegetation
Geographical descriptor: Min-Ch'in * China

- 1828 **Kenya. Ministry of Agriculture & Livestock Development. Project/Programme Development Unit**
DEVELOPMENT OF KENYA'S SEMI-ARID AND ARID LANDS
Lang.: eng. Nairobi, Kenya: Ministry of Agriculture and Livestock Development, Project/Programme Development Unit. 1985. 47p
Descriptor: deserts * livestock * irrigation * crops * agricultural production * rangelands * animal production * water management * land classification * agroforestry * grazing * land management
Geographical descriptor: Kenya * Africa
- 1829 **Kenya. National Environment Secretariat**
KENYA'S EXPERIENCE IN COMBATING DESERTIFICATION
Meeting or Conf.: African Regional Preparatory Meeting for the United Nations Conference on Desertification, Nairobi, Apr., 12-16, 1977
Lang.: eng. Nairobi, Kenya: Kenya National Environment Secretariat. 1977. Note: Kenya's Country Position Paper Prepared on the Occasion of the African Regional Preparatory Meeting for the United Nations Conference on Desertification, Nairobi, 12-16 Apr. 1977
Descriptor: desertification control * case studies * desertification * overgrazing * range management * wildlife management * settlements * water resources * resource development * soil conservation * livestock * plant establishment
Geographical descriptor: Kenya * Africa
- 1830 **Kenyon, K.M**
THE ORIGINS OF THE NEOLITHIC
Lang.: eng. 1969. Series title: Advancement of Science. Vol.26:p.144-160
Descriptor: archaeology * plants * animals * history
Geographical descriptor: Middle East * Jordan * Palestine * Iraq * Turkey
- 1831 **Kernan, H.S**
FOREST MANAGEMENT IN IRAN
Lang.: eng. 1957. Series title: Middle East Journal. Vol.11:p.199-202
Descriptor: forest management
Geographical descriptor: Iran * Middle East
- 1832 **Kernick, M.D**
EMASARPHASE II: VOLUME IV. INDIGENOUS ARID AND SEMI-ARID FORAGE PLANTS OF NORTH AFRICA, THE NEAR AND THE MIDDLE EAST
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1978. iv, 689p
Descriptor: grasses * Gramineae * Leguminosae * Papilionaceae * forage crops * indigenous plants * deserts * marginal lands * plant breeding
Geographical descriptor: Africa * North Africa * Middle East
- 1833 **Kernick, M.D.; Abdalla, Z.; Arar, A.; et al**
INTEGRATED NATURAL RESOURCE DEVELOPMENT
Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, Damascus, Syrian Arab Republic, May 9-15, 1981
Lang.: eng. New York: United Nations Social and Economic Council. 1981. 23p
Descriptor: natural resources * environmental policy
Geographical descriptor: Middle East * Asia * ECWA Region
- 1834 **Kerr, R.C.; Nigra, J.O**
EOLIAN SAND CONTROL
Lang.: eng. American Association of Petroleum Geologists. 1952. Series title: American Association of Petroleum Geologists. Bulletin. Vol.36(8):p.1541-1573
Descriptor: eolian soils * sand * sand control
- 1835 **Kessler, A.; Monheim, F**
EL BALANCE HIDROLOGICO DEL LAGO TITICACA. UNA CONTRIBUCION AL APROVECHAMIENTO DE SUS AGUAS (Hydrological Balance for Lake Titicaca. A Contribution to the Utilization of its Waters)
Lang.: spa. 1966. Series title: Sociedad Geografica de Lima, Boletin. Vol.85:p.55-65
Descriptor: lakes * climatology * hydrology * water utilization * water balance * water level
- 1836 **Kettaneh, M.S.; Daghistani, S.R.; Al Jiburi, L.K**
DESERTIFICATION IN IRAQ AND MEASURES FOR DEVELOPMENT
Lang.: eng. New York: Pergamon Press. 1982. p.1170-1184. Note: (In) Alternative Strategies for Desert Development and Management. Vol.4 by United Nations Institute for Training and Research
Descriptor: desert management * reclamation * soil types * climate * aridisols
Geographical descriptor: Iraq * Middle East
- 1837 **Kgathi, D.L.; Opschoor, J.B**
DROUGHT IMPACTS AND ADAPTATIONS: SOCIO-ECONOMIC ASPECTS OF THE 1979 KGATLENG DROUGHT
Lang.: eng. Gaborone, Botswana: University College of Botswana. National Institute of Development and Cultural Research. 1981. Series title: Research Notes. No.6. 62p
Descriptor: drought * soil degradation * environmental impact * economic development * animal production * human health
Geographical descriptor: Botswana * Kgatleeng Region * Africa
- 1838 **Khakiyev, A.; Kurbanov, O**
SOME PROBLEMS OF ENVIRONMENTAL PROTECTION IN THE SANDY ZONE OF THE KARAKUM CANAL IMENI V.I. LENIN
Lang.: rus. Ashkhabad, Turkmen SSR: Okhrana Prirody v Turkmenii. 1972. p.75-83
Descriptor: sand * environmental protection * sandy soils
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1839 **Khalili, D.; Duckstein, L.; Fogel, M.M**
A MULTIOBJECTIVE, DISCRETE SYSTEM REPRESENTATION OF RANGELAND WATERSHEDS
Lang.: eng. Minneapolis, MN: American Water Resources Association. 1988. Series title: Water Resources Bulletin. Vol.24(5):p.1035-1040
Descriptor: rangelands * watersheds * environmental degradation * decision making * statistical analysis * simulation models
- 1840 **Khan, M.H**
DESERTIFICATION AND WIND EROSION: A CHALLENGE TO PAKISTAN
Meeting or Conf.: First Regional Conference of Plant Scientists, Peshawar, Pakistan, 24-26, Apr. 1982
Lang.: eng. Peshawar, Pakistan: University of Peshawar. Department of Botany. 1986. p.55-64. Note: (In) An Approach to Some Problems in Plants: Proceedings of the First Regional Conference of Plant Scientists Apr. 24-26, 1982 by I. Ilyah and F. Hussain (eds.)
Descriptor: desertification * wind erosion * deserts * climax * erosion * injurious factors * natural disasters
Geographical descriptor: Pakistan
- 1841 **Khan, M.I.R**
MANAGEMENT, CONSERVATION AND DEVELOPMENT OF AGRICULTURAL RESOURCES IN THE UNITED ARAB EMIRATES
Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, Damascus, Syria, May 9-15, 1981
Lang.: eng. New York: United Nations Economic and Social Council. 1981. 17p
Descriptor: natural resources * agricultural development * planning * desertification * renewable resources
Geographical descriptor: United Arab Emirates * ECWA Region * Middle East

- 1842 **Khan, M.L**
RECENT PLUVIOMETRIC CHANGES IN THE ARID AND SEMIARID ZONES OF WEST PAKISTAN
Lang.: eng. 1960. Series title: Pakistan Geographical Review. Vol.15(1):p.1-24
Descriptor: arid land * semiarid lands * rainfall * weather data * weather patterns * arid land * semiarid lands
Geographical descriptor: Pakistan
- 1843 **Khan, S.R.A**
INTEGRATED PROJECT IN ARID LANDS, IPAL: KENYA AND ITS SIGNIFICANCE FOR PAKISTAN
Meeting or Conf.: Regional Farming Systems Workshop for West Asia and North Africa, Islamabad, Pakistan, 7-10, Apr. 1986
Lang.: eng. Islamabad, Pakistan: PARC. Agricultural Research Centre. Barani Agricultural Research and Development Projects. 1986. p.256-276. Note: (In) Proceedings of Regional Farming Systems Workshop for West Asia and North Africa (7-10 Apr 1986) by A.R. Khan, J. Dueck, M. Nasir, et al (eds.)
Descriptor: arid land * desertification * development projects * climatic zones * development plans * environmental factors * natural disasters * site factors
Geographical descriptor: Kenya * Pakistan * Africa South of Sahara * Anglophone Africa * Africa * Asia
- 1844 **Kharin, N.G**
ACTUAL PROBLEMS IN DESERTIFICATION CONTROL OF ARID TERRITORIES
Lang.: eng. 1985. Series title: Problems of Desert Development. No.1:p.7-14. Note: Translated from: Problemy Osvoeniya Pustyn (1985 No.1: p.8-14)
Descriptor: arid land * desertification * erosion * water erosion * wind erosion * salinization
- 1845 **Kharin, N.G**
AERIAL METHODS AND DEVELOPMENT OF DESERTS
Lang.: eng. 1970. Series title: Problems of Desert Development. No.2:p.47-53. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: aerial photography * remote sensing * deserts * development
- 1846 **Kharin, N.G.; Borodin, L.F.; Babaev, A**
AEROCOSMIC TECHNOLOGY IN MONITORING OF THE NATURE CONDITIONS OF ARID ZONES
Lang.: rus. 1982. Series title: Problemy Osvoeniya Pustyn. No.6:p.62-64
Descriptor: remote sensing * monitoring * satellite borne photography * arid land
- 1847 **Kharin, N.G.; Artem'ev, M.M**
COMBATING DESERTIFICATION IN CHINA
Lang.: eng. 1986. Series title: Problems of Desert Development. No.3:p.62-73. Note: Translated from: Problemy Osvoeniya Pustyn (1985, No.3:p.55-65)
Descriptor: desertification control * wind erosion
Geographical descriptor: China * Asia
- 1848 **Kharin, N.G**
COMPREHENSIVE DESERTIFICATION MAPS AND METHODOLOGY FOR THEIR COMPILATION USING SPACE PHOTOGRAPHS
Lang.: eng. Jan.-Feb. 1985. Series title: Soviet Journal of Remote Sensing. Vol.4(1):p.52-59. Note: Translated from: Issledovaniye Zemli iz Kosmosa (Moscow, USSR)
Descriptor: desertification * earth resources * photomapping * satellite borne photography * arid land * classification * human ecology
Geographical descriptor: USSR
- 1849 **Kharin, N.G.; Orlovskii, N.S.; Kogai, N.A.; et al**
CONTEMPORARY STATUS OF AND PROGNOSIS FOR DESERTIFICATION IN USSR ARID ZONE
Lang.: eng. 1986. Series title: Problems of Desert Development. No.5:p.60-71. Note: Translated from: Problemy Osvoeniya Pustyn (1986, No.5:p.58-68)
Descriptor: desertification * arid land * climatic factors * meteorology * land use * environmental degradation
Geographical descriptor: USSR
- 1850 **Kharin, N.G**
DESERTIFICATION IN THE COUNTRIES OF WESTERN ASIA
Lang.: eng. 1986. Series title: Problems of Desert Development. No.3:p.45-52. Note: Translated from: Problemy Osvoeniya Pustyn (1985 No.3:p.41-47)
Descriptor: desertification control * wind erosion * water erosion
Geographical descriptor: West Asia * Asia
- 1851 **Kharin, N.G.; Rozhkeev, A.G**
EVALUATION OF THE INTERPRETIVE PROPERTIES OF MULTI BAND PHOTOS FROM THE SOYUZ 22 SPACECRAFT
Lang.: eng. 1980. Series title: Problems of Desert Development. No.4:p.74-77. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: multiband photography * Soyuz 22 spacecraft * photography * remote sensing
- 1852 **Kharin, N.G.; Petrov, M.P**
GLOSSARY OF TERMS OF DESERT ENVIRONMENT AND LAND RECLAMATION
Lang.: eng. Ashkhabad: Academy of Sciences of Turkmen SSR, Desert Institute. 1975. 142p. Note: The glossary was edited by A. G. Babayev
Descriptor: glossaries * reclamation * deserts * dictionaries * dunes * grazing * physical geography * afforestation * sand control
- 1853 **Kharin, N.G.; Babaeva, T.A**
KARTIROVANIE PROTSESSA OPUSTYNIVANIYA SPOMOSHCH'YU MATERIALOV KOSMICHESKIKH S'EMOK (Mapping of Desertification Processes by Means of Space Photographs)
Lang.: rus. Leningrad, USSR: 1986. p.99-104. Note: (In) Aehrokosmicheskie Metody Issledovaniya Sel'skokhozyajstvennykh Ugodij (Air and Space Methods Employed in the Investigation of Farm Land)
Descriptor: deserts * aridisols * cartography * natural vegetation * climatic soil types * grazing * pastures * land resources * natural resources * site factors * soil types
Geographical descriptor: Tadzhik SSR * USSR * Asia
- 1854 **Kharin, N.G**
KOMPLEKSNIYE KARTY OPUSTYNIVANIYA I METODIKA IKH SOSTAVLENIIA PO KOSMICHESKIM SNIMKAM (Comprehensive Desertification Maps and Methods for Making Such Maps on the Basis of Space Photographs)
Lang.: rus. Jan.-Feb. 1985. Series title: Issledovanie Zemli iz Kosmosa. p.52-59. ISSN 0205-9614
Descriptor: desertification * earth resources * photomapping * satellite borne photography * arid land * classification * man environment interactions
Geographical descriptor: USSR
- 1855 **Kharin, N.G**
MULTIPURPOSE DESERTIFICATION MAPS AND A METHODOLOGY FOR COMPILING THEM FROM SPACE IMAGES
Lang.: eng. 1986. Series title: Soviet Journal of Remote Sensing. Vol.5(1):p.69-80. Note: Translated from: Issledovanie Zemli iz Kosmosa
Descriptor: desertification * photomapping * classification * satellite borne photography
Geographical descriptor: USSR

- 1856 *Kharin, N.G.*
REMOTE SENSING AND MONITORING OF DESERTIFICATION IN ARID LANDS
 Lang.: eng. New York: Pergamon Press. 1982. p.1295-1309.
 Note: (In) *Alternative Strategies for Desert Development and Management*. Vol.4 by United Nations Institute for Training and Research
Descriptor: desert management * soil fertility * desertification * remote sensing * arid land
- 1857 *Kharin, N.G.*
REMOTE SENSING TECHNIQUES AND THE MONITORING OF DESERTIFICATION PROCESSES
 Lang.: eng. 1977
Descriptor: desertification * remote sensing * monitoring * mapping * analytical techniques * terrain analysis * climatic geomorphology
Geographical descriptor: USSR * Turkmen SSR
- 1858 *Kharin, N.G.; Babeyev, A.*
THE GROWING ROLE OF AERIAL METHODS IN THE STUDY OF DESERT NATURAL RESOURCES
 Lang.: eng. 1974. Series title: *Problems of Desert Development*. No.4:p.36-40. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: aerial photography * remote sensing * deserts * natural resources
- 1859 *Kharin, N.G.*
TRANSNATIONAL PROJECTS ON MONITORING AND CONTROL OF DESERTIFICATION
 Meeting or Conf.: Conference on Desertification, Nairobi, 1977
 Lang.: rus. 1978. Series title: *Problemy Osvoeniya Pustyn*. No.3:p.73-82. ISSN 0032-9428
Descriptor: desertification control * monitoring * project surveys * United Nations
- 1860 *Kharin, N.G.*
USE OF REMOTE SENSING METHODS FOR STUDYING THE DESERTIFICATION PROCESSES IN ARID AREAS [OF USSR]
 Lang.: rus. 1976. Series title: *Problemy Osvoeniya Pustyn*. No.3/4:p.45-54. ref. Note: Summary in English
Descriptor: desert processes * arid zones * remote sensing
Geographical descriptor: USSR
- 1861 *Khassoum, D.*
SYSTEMES DE PRODUCTION D'ELEVAGE AU SENEGAL. ETUDE DU TAPIS VEGETAL D'UN ECOSYSTEME SAHELIEU, ZONE DU FERLO SENEGALAIS. ESTIMATIONS DES POTENTIALITES ET ANALYSE DES PROCESSUS DE DEGRADATION (Animal Production Systems in Senegal. Study on the Plant Cover in a Sahelian Ecosystem, Zone of the Senegalese Ferlo. Estimation of the Potentialities and Analysis of the Degradation Process)
 Lang.: fre. Maisons-Alfort, France: IEMVT. 1983. 65p
Descriptor: environmental degradation * plant production * ecosystems * desertification * natural disasters
Geographical descriptor: Sahel * Senegal * Senegalese Ferlo * Francophone Africa * Africa
- 1862 *Khatali, H.*
RECHERCHES SUR LA DESERTIFICATION DANS LA JEFFARA, SUD-TUNISIEN (Research on Desertification in Jeffara, South Tunisia)
 Lang.: fre. 1984. Series title: *Revue Tunisienne Geographie*. No.12:p.49-102. Note: Summary language: English
Descriptor: erosion * wind erosion * plant residues * tillage * *Aristida* * *Rhantherium suaveolens* * *Hordeum*
Geographical descriptor: Tunisia * Jeffara * South Tunisia * Africa
- 1863 *Khodzhayev, C.*
DEVELOPMENT OF SAND-DESERT LANDSCAPES UNDER THE INFLUENCE OF THE KARAKUM CANAL
 Lang.: rus. 1970. Series title: *Turkmenskogo Pedagogicheskogo Instituta. Uchenyye Zapiski Ser. Yestestv. Nauk*. Vol.34:p.164-190
Descriptor: deserts * desert landscapes * sand * land development
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1864 *Khodzhayev, C.*
METHODS FOR THE AFFORESTATION OF BARKHAN SANDS IN THE EASTERN KARAKUMS
 Lang.: rus. 1965. Series title: *Lesnoye Khozyaystvo*. Vol.6:p.39-41
Descriptor: barchans * *Haloxylon* * afforestation * sand * forest plantations * atmospheric precipitation * humidity * seeds * sowing date
Geographical descriptor: Chardzhou Forestry Farm * USSR * Karakum Desert * Turkmen SSR
- 1865 *Khodzhayev, C.*
ON DEFLATION PROCESS INTENSIFICATION AT THE KARAKUM CANAL
 Lang.: eng. 1968. Series title: *Problems of Desert Development*. No.2:p.27-32. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: deflation * canals * sandy soils * plant dynamics * plant ecology
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1866 *Khodzhayev, C.*
ON SAND OVERGROWING IN THE EASTERN KARAKUMS
 Lang.: rus. 1974. Series title: *Botanicheskiy Zhurnal*. No.12:p.1812-1818
Descriptor: *Haloxylon* * sand * environmental impact reporting * botany * felling
Geographical descriptor: USSR * Karakum Desert * Turkmen SSR
- 1867 *Khodzhayev, C.H.*
DYNAMICS OF BARCHAN SANDS IN THE KARAKUM CANAL ZONE TURKMEN-SSR USSR
 Lang.: rus. 1983. Series title: *Problemy Osvoeniya Pustyn*. No.4:p.51-55
Descriptor: sand * barchan
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1868 *Khogali, M.M.*
ON THE QUESTION OF CLIMATIC CHANGES AND DESERTIFICATION IN THE SUDAN
 Meeting or Conf.: Sudan Veterinary Association, 8th. Veterinary Conference, Desertification and Animal Production Panel, Apr. 22-26, 1987
 Lang.: eng. 1977
Descriptor: desertification * climatic change
Geographical descriptor: Sudan * Africa
- 1869 *Khogali, M.M.; Johnson, D.L.*
PASTORALISM AND DESERTIFICATION: A THEMATIC REPORT
 Lang.: eng. 1980. p.133-137. Note: (In) *The Threatened Drylands: Regional and Systematic Studies of Desertification* by J.A. Mabbutt and S.M. Berkowicz (ed.), 153p
Descriptor: desertification * pastoralism * environmental impact
Geographical descriptor: Africa

- 1870 *Khoury, J.; Agha, W.R.*
HYDROGEOLOGICAL AND HYDROGEOLOGICAL STUDY OF SALT WATER INTRUSION PHENOMENON IN THE CENTRAL AREA OF DAWWABASIN IN THE SYRIAN ARID ZONES
Lang.: eng. Doc. no.: ACSAD/HS/P5. Damascus, Syria: Arab Center for the Studies of Arid Zones and Dry Lands. 1979. 27, [320p., [1] folded leaf of plates
Descriptor: geology * groundwater * saline water * environmental impact
Geographical descriptor: Syria * Middle East
- 1871 *Khudayberdiyev, S.G.*
EXPERIMENT IN PLANTING ON MARINE SHELL SAND (BEKDASH SETTLEMENT)
Lang.: eng. 1973. Series title: Problems of Desert Development. No.5:p.64-66. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: sandy soils * marine sands * agrotechnology * plant species * plant varieties
Geographical descriptor: Bekdash Settlement * USSR
- 1872 *Khudayyarov, M.*
PESKI DEL'TI REKI TDZHEN I VOPROSY IKH OSVOYENIYA (Tdzhen River Sands and Problems of Their Development)
Lang.: rus. Tashkent, Uzbek SSR: Tashkent State University. 1974. 23p. Note: (Candidate dissertation summary)
Descriptor: sandy soils * rivers * soil development
Geographical descriptor: Tdzhen River * Uzbek SSR * USSR
- 1873 *Khudayyarov, M.*
SAND TYPES ON THE CHARDZHOU-REPETEK SECTOR
Lang.: eng. 1975. Series title: Problems of Desert Development. No.6:p.73-75. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: sandy soils * soil types
Geographical descriptor: Chardzhou Repetek Sector * Turkmen SSR * USSR
- 1874 *Khuli, M.R.*
AL-TASAHUR FI AL-WATAN AL-ARABI: INTIHAK AL-SAHRALIL-ARDA IQ FI WAJH AL-INMA AL-ARABI
Lang.: ara. Beirut, Lebanon: Markaz Dirasat al-Wahdah al-Arabiyyah. 1985. 176p.: ill., maps
Descriptor: desertification * water resources * resources development
Geographical descriptor: Middle East
- 1875 *Khusanbayev, D.I.; Godin, M.K.*
THE STATE OF STUDY INTO DESERT - CONTINENTAL DEPOSITS AND THE TASKS OF FURTHER RESEARCH
Lang.: rus. 1980. Series title: Uzbek Geol. Zh Akad. Nauk Uzbek SSR (Tashkent). Vol.6:p.50-52
Descriptor: geology * deserts * continental deposits
- 1876 *Kibalchich, O.A.; Voronov, A.G.; Vyshivkin, D.D.*
BIOGEOGRAFICHESKIE ASPEKTY OPUSTYNIVANIYA / REDAKTSIONNAIA KOLLEGIYA
Lang.: rus. 1985. Series title: Akademiya nauk SSSR. Moskovskii filial Geograficheskogo Obshchestva SSSR. 108p
Descriptor: desertification * deserts
Geographical descriptor: USSR
- 1877 *Kibardin, R.E.*
PREDICTING THE HARVEST OF WINTER WHEAT
Lang.: rus. 1969. Series title: Meteorologiya i Gidrologiya. Vol.2:p.111-112
Descriptor: dry farming * atmospheric precipitation * Triticum * crop response * weather data * crop production * forecasting
Geographical descriptor: Jordan * Middle East
- 1878 *Kievskaya, R.K.; Nekrasova, T.F.; Mozhaiteva, N.F.*
EFFECT OF ARIDIZATION OF HALOGENOCHEMICAL PROCESSES OF THE LOWER REACHES OF THE SYR DARYA RIVER
Lang.: eng. 1980. Series title: Problems of Desert Development. No.6:p.22-27. Note: Translated from: Problemy Osvoeniya Pustyn (1980. No.6:p.23-28)
Descriptor: desertification * environmental impact * geochemistry
Geographical descriptor: Syr Darya River * USSR
- 1879 *Kigatira, K.I.; Kahenya, W.A.; Townsend, G.F.*
PROSOPIS SPP. AS MULTI-USE TREES IN DRY ZONES
Lang.: eng. Cardiff, NY: International Bee Research Assoc. 1988. Series title: Bee World. Vol.69(1):p.6-11
Descriptor: prosopis juliflora * Prosopis pallida * erosion control * forests * plant establishment * arid zones
Geographical descriptor: Kenya * Africa
- 1880 *Kijoti, W.E.; White, M.G.*
PITSAWING IN THE PARE MOUNTAINS OF TANZANIA
Lang.: eng. Morogoro, Tanzania: University of Dar es Salaam. Division of Forestry. Faculty of Agriculture. Forestry and Veterinary Science. 1981. Series title: Record. No.21. 11p
Descriptor: technology * wood * economic development * pitsawing
Geographical descriptor: Tanzania * Pare Mountains
- 1881 *King, H.*
VARIACION DE ALGUNOS FACTORES METEOROLOGICOS EN CHILE A TRAVES DEL TIEMPO (Temporal Variation of Some Meteorological Factors in Chile)
Lang.: spa. Santiago, Chile: Universidad de Chile. Facultad de Ciencias Fisicas y Matematicas. 1970. 105p
Descriptor: climate * atmospheric precipitation * atmospheric pressure * temperature * meteorological data
Geographical descriptor: Chile * South America
- 1882 *Kinyanjui, M.*
EFFICIENT METHODS OF WOODFUEL UTILIZATION
Lang.: eng. Kenya Energy Non-Governmental Organization Association. Nairobi, Kenya: 1982? p.30. Note: (In) Tree Planting and Agroforestry in Semi-Arid Zones of Kenya
Descriptor: afforestation * reforestation * fuelwood * energy
Geographical descriptor: Kenya * Africa
- 1883 *Kinzelback, W.K.*
ENERGY AND ENVIRONMENT IN CHINA
Lang.: eng. Apr. 15, 1982. Series title: Environmental Policy and Law. Vol.82:p.78-82
Descriptor: energy * environmental policy
Geographical descriptor: China
- 1884 *Kiril'tseva, A.A.*
OPTICAL INDICATORS AND DESERTIFICATION
Lang.: eng. New York: Allerton Press. 1986. Series title: Problems of Desert Development. Vol.4:p.40-43. ISSN 0278-4750. Note: Translated from: Problemy Osvoeniya Pustyn (1986, No.4:p.38-41)
Descriptor: deserts * desertification * remote sensing * spectral analysis * optical analysis * reflectance * albedo * plant communities
Geographical descriptor: USSR
- 1885 *Kirkby, S.J.*
DESERTIFICATION
Lang.: eng. 1983. Series title: Newcastle upon Tyne Polytechnic. School of Geography & Environmental Studies/Geographical Association. Joint Papers in Geography. Vol.1:p.13-18
Descriptor: desertification * environmental studies * geography

- 1886 *Kirmse, R.D.; Norton, B.E.*
THE POTENTIAL OF ACACIA ALBIDA FOR
DESERTIFICATION CONTROL AND INCREASED
PRODUCTIVITY IN CHAD
Lang.: eng. 1984. Series title: *Biological Conservation*.
Vol.29(2):p.121-141
Descriptor: reclamation * desertification control * land types *
deserts * Acacia albida * afforestation * arid land * agroforestry
Geographical descriptor: Chad * Africa
- 1887 *Kiros, F.G. (ed.)*
THE DEVELOPMENT PROBLEMS AND PROSPECTS OF
SEMI-ARID AREAS IN EASTERN AFRICA: PROCEEDINGS
OF WORKSHOP NAZARETH, ETHIOPIA, APRIL 9-13, 1980
Meeting or Conf.: Proceedings of Workshop, Nazareth, Ethiopia,
Apr. 9-13, 1980
Lang.: eng. Addis Ababa, Ethiopia: Organisation for Social
Science Research in Eastern Africa. 1980. 371p
Descriptor: arid land * agricultural situation * development
policy * agricultural development
Geographical descriptor: East Africa * Africa
- 1888 *Kishk, M.A.*
DESERT ENCROACHMENT IN EGYPT'S NILE VALLEY
Lang.: eng. Ankeny, IA: Soil Conservation Society of America.
1985. p.15-23. Note: (In) *Soil Erosion and Conservation* by S.A.
El-Swaify, W.C. Moldenhauer and A. Lo (eds.)
Descriptor: soil erosion * soil conservation * desertification
Geographical descriptor: Egypt * Middle East * Africa * Nile
Valley
- 1889 *Kishk, M.A.; Fathi, a.; Darwish, O.H.*
EVALUATION OF DESERTIFICATION IN THE FRINGES OF
THE LOWER NILE VALLEY. Grain Size Parameters
Lang.: eng. Cairo, Egypt: Ain Shams University. 1980. Series
title: *Ain Shams University, Faculty of Agriculture, Research
Bulletin*. 1301. 15p
Descriptor: Soil separates * particle size * soil types * aridisols
* soil fertility * soil productivity * desertification
Geographical descriptor: Egypt * Africa
- 1890 *Kishk, M.A.*
LAND DEGRADATION IN THE NILE VALLEY
Lang.: eng. 1986. Series title: *Ambio*. Vol.15(4):p.226-230
Descriptor: soil fertility * soil degradation * wind erosion
Geographical descriptor: Egypt * Aswan High Dam * Nile
Valley * Middle East * Africa
- 1891 *Kishk, M.A.; Fathi, A.; Darwish, O.H.*
EVALUATION OF DESERTIFICATION IN THE FRINGES OF
THE LOWER NILE VALLEY. III. Mineralogical Composition
of the Sand Fractions
Lang.: eng. Cairo, Egypt: Ain Shams University, Faculty of
Agriculture, Research Bulletin. 1980. 13p. Note: Summary
language: Arabic
Descriptor: mineral deposits * soil types * climate * aridisols *
soil fertility * soil productivity
Geographical descriptor: Egypt * Africa
- 1892 *Klaus, D.*
CLIMATOLOGICAL ASPECTS OF THE SPATIAL AND
TEMPORAL VARIATIONS OF THE SOUTHERN SAHARA
MARGIN
Lang.: eng. 1980. Series title: *Palaeoecology Africa and the
Surrounding Islands (Rotterdam)*. Vol.12:p.315-331
Descriptor: climatology * spatial variations * temporal variations
* deserts
Geographical descriptor: Sahara * Africa
- 1893 *Klaus, D.; Frankenberg, P.*
PFLANZENGEOGRAPHISCHE GRENZEN DER SAHARA
UND IHRE BEINFLUSSUNG DURCH
DESERTIFIKATIONSPROZESSE (Phytogeographical Boundaries
of the Sahara and Their Influence by Desertification Processes)
Lang.: ger. 1980. Series title: *Geomethodica*. Vol.5:p.109-137
Descriptor: desertification * biogeography * flora
Geographical descriptor: Africa * Sahara
- 1894 *Klein, C.*
ON THE FLUCTUATIONS OF THE LEVEL OF THE DEAD
SEA SINCE THE BEGINNING OF THE 19TH CENTURY
Lang.: eng. Jerusalem: Israel Hydrological Service. 1961.
Series title: *Israel Hydrological Service Paper*. No.7
Descriptor: history * water level
Geographical descriptor: Dead Sea * Israel * Jordan * Middle
East
- 1895 *Klein, R.G.*
THE LATE QUATERNARY MAMMALIAN FAUNA OF
NELSON BAY CAVE (CAPE PROVINCE, SOUTH AFRICA):
ITS IMPLICATIONS FOR MEGAFANAL EXTINCTIONS
AND ENVIRONMENTAL AND CULTURAL CHANGE
Lang.: eng. 1972. Series title: *Quaternary Research*.
Vol.2:p.135-142
Descriptor: grasses * veld * Pleistocene epoch * Quaternary
period * Cenozoic era * wildlife * aquatic animals
Geographical descriptor: Africa * South Africa * Nelson Bay
Cave * Cape Province * Africa
- 1896 *Klimtworth, H.*
DESERT ENCROACHMENT OVER THE KAROO
Lang.: eng. 1948. Series title: *Farming in South Africa*.
Vol.23:p.723-728
Descriptor: desiccation * desertification * grasses * precipitation
deficit * soil erosion * ground cover * soil management *
vegetation change * climatic change * climatic vegetal
relationships * grazing * land management * plant establishment
Geographical descriptor: South Africa * Karroo * Africa
- 1897 *Klitzsch, E.; Schiffers, H.*
DAS WASSER IN DER SAHARA (Water in the Sahara)
Lang.: ger. Munich: Weltforum Verlag. 1971. Vol.1,
p.405-428. Note: (In) *Die Sahara und ihre Randgebiete* by H.
Schiffers (ed.)
Descriptor: groundwater recharge * water sources * salinity * oil
industry * wells * water extraction * human activity
Geographical descriptor: Sahara * Algeria * Africa
- 1898 *Klitzsch, E.; et al*
GRUNDWASSER DER ZENTRALSAHARA: FOSSILE
VORRAETE
Lang.: ger. 1976. Series title: *Geologische Rundschau*.
Vol.65(1):p.264-284
Descriptor: basins * groundwater recharge * water chemistry *
rainfall * geologic time
Geographical descriptor: Africa * Libya * Sahara
- 1899 *Knetsch, G.; Shata, A.; Degens, E.*
UNTERSUCHUNGEN AN GRUNDWAESSERN DER
OST-SAHARA
Lang.: ger. 1962. Series title: *Geologische Rundschau*.
Vol.52(2):p.587-610
Descriptor: rainfall * groundwater
Geographical descriptor: Egypt * Sahara * Africa
- 1900 *Knight, R.; Heathcote, L.; Manning, C.; et al*
FOOD FOR THE WORLD? CONSTRAINTS TO
AGRICULTURAL DEVELOPMENT IN THE THIRD WORLD
Meeting or Conf.: Conference on Food for the World, Flinders
University of South Australia, Centre for Development Studies,
Sept. 28, 1985
Lang.: eng. Australia: Flinders University of South Australia.
Centre for Development Studies. 1985. Series title: *Conference
Papers Series*. No.3. 54p
Descriptor: food production * agricultural development *
developing countries * production * self sufficiency
Geographical descriptor: Indonesia
- 1901 *Knill, J.L.; Jones, K.S.*
GROUND WATER CONDITIONS IN GREATER TEHRAN
Lang.: eng. 1968. Series title: *Quarterly Journal of Engineering
Geology*. Vol.1(3):p.181-194
Descriptor: Groundwater
Geographical descriptor: Iran * Tehran * Middle East

- 1902 *Knyazev, A.V.; Savinetskii, A.B*
ON THE HOLOCENE HISTORY OF SMALL MAMMALS POPULATIONS IN MONGOLIAN DESERT STEPPES
Lang.: rus. 1987. Series title: Zool. Zh. Vol.66(2):p.279-287
Descriptor: steppes * Holocene epoch * history * animal populations * deserts
Geographical descriptor: Mongolian Desert * Mongolia * China * USSR
- 1903 *Koch, C*
SOME ASPECTS OF ABUNDANT LIFE IN THE VEGETATIONLESS SAND OF THE NAMIB DESERT DUNES
Lang.: eng. 1971. Series title: South West Africa Scientific Society Journal. Vol.15:p.9-32
Descriptor: insects * arid climate * beetles * Coleoptera dunes
Geographical descriptor: Namibia * Southern Africa * Africa
- 1904 *Koch, C*
THE TENEBRIONID BEETLES OF SOUTH WEST AFRICA
Lang.: eng. South Africa: South African Museum Association. 1969. Series title: South African Museum Association. Bulletin. Vol.7:p.73-85
Descriptor: insects * Coleoptera * beetles * arid climate * dunes * adaptation
Geographical descriptor: Namibia * Southern Africa * Africa
- 1905 *Koegel, R.G*
SELF-HELP WELLS
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1977. Series title: FAO Irrigation and Drainage Paper. No.30. vii, 78p
Descriptor: groundwater * wells * water management * water supply
- 1906 *Koike, M*
DEVELOPMENT AND AFFORESTATION PLANNING AGAINST DESERTIFICATION AND ANY POTENTIAL OF AGRICULTURAL MECHANIZATION IN THE MAOWUSU DESERT, INNER MONGOLIAN AUTONOMOUS REGION, CHINA
Lang.: jap. 1986. Series title: Journal of the Japanese Society of Agricultural Machinery. Vol.48(3-4):p.393-396
Descriptor: deserts * soil conservation * grassland improvement * afforestation * mechanization
Geographical descriptor: Maowusu Desert * Inner Mongolia * China
- 1907 *Kokot, D.F*
AN INVESTIGATION INTO THE EVIDENCE BEARING ON RECENT CLIMATIC CHANGE OVER SOUTHERN AFRICA
Lang.: eng. Pretoria: South Africa. Department of Irrigation. 1948. 160p
Descriptor: climatic change * hydrology * desiccation * meteorological data * history
Geographical descriptor: Southern Africa * Africa
- 1908 *Koksharova, N.Y*
SAXAULIN FOREST TREE AND PASTURE FARMING
Lang.: rus. Tashkent, Uzbek SSR: Nauka. 1965. p.43-50. Note: (In) Ratsional'noye ispo'zovaniye pustynnykh pastbishch (Rational Utilization of Desert Pasturelands)
Descriptor: Haloxylon * ammodendron * forests * forestry * pastures * hydraulic conductivity * agrotechnology * sowing * deserts
Geographical descriptor: Kyzylkum * Uzbek SSR * USSR
- 1909 *Kolars, J*
LOCATIONAL ASPECTS OF CULTURAL ECOLOGY: THE CASE OF THE GOAT IN NON-WESTERN AGRICULTURE
Lang.: eng. 1966. Series title: Geographical Review. Vol.56:p.577-584
Descriptor: goats * agriculture * animal damage * social aspects * forests * fertilizers
Geographical descriptor: Turkey
- 1910 *Kolb, A*
GENGERWARTSPROBLEME DER MENSCHHEIT (Actual Problems of Mankind)
Lang.: ger. Hamburg: University of Hamburg. 1980. Series title: Berliner Geographische Studien. Vol.7:p.231-238
Descriptor: desertification
- 1911 *Kolpakov, V.V*
EARLY QUATERNARY DEFLATION DESERT IN YAKUTIA
Lang.: eng. 1980. Series title: Doklady of the Academy of Science. USSR Earth Science Section. Vol.241(1-6):p.27-29
Descriptor: Quaternary period * deflation * deserts
Geographical descriptor: Yakutia SSR * USSR
- 1912 *Komarov, B*
WILL SIBERIA BE A WASTELAND?
Lang.: eng. Nov. 13, 1980. Series title: New Scientist. Vol.88:p.444-446
Descriptor: desertification
Geographical descriptor: Siberia * USSR
- 1913 *Kondrat'ev, K.Y.; Zhvaleyev, V.F.; Kaipov, I.V*
EFFECT OF DESERTIFICATION PROCESSES ON THE ATMOSPHERE
Lang.: eng. 1987. Series title: Problems of Desert Development. No.1:p.1-7. Note: Translated from: Problemy Osvoeniya Pustyn (1980, No.1:p.3-9)
Descriptor: desertification * dust * dust storms * air pollution * climate * arid land * wind effects * semiarid land
Geographical descriptor: USSR
- 1914 *Kondrat'ev, K.I.; Grigorev, A.A.; Zhvaleyev, V.F.; et al*
KOMPLEKSNYE ISSLEDOVANIYA PYL'NYKH BUR' V PRIARAL'E (Complex Studies of Dust Storms near the Aral Sea)
Lang.: rus. Apr. 1985. Series title: Meteorologiya i Gidrologiya. p.32-38
Descriptor: dust storms * marine meteorology * sediment transport * statistical analysis * thermal radiation * aerosols * air pollution * desertification * visual observation
Geographical descriptor: USSR * Aral Sea Region
- 1915 *Konobeeva, M.G*
EVOLUTION OF SOILS IN THE ANCIENT OASES OF THE DESERT ZONE
Lang.: eng. Jerusalem: Israel Program for Scientific Translations. 1968. p.124-131. Note: (In) Geography and classification of soils of Asia by V.A. Kovda and E.V. Lobova (eds.), 267p.; Available from NTIS as TT-68-50439; GA 70B-1700
Descriptor: soil formation * deserts * soil geography * soil classification * human activity * irrigation effects * plant succession * takyrs * soil deflation * wind erosion * soil stabilization
Geographical descriptor: Central Asia
- 1916 *Kornienko, V.A.; Kievskaya, R.K.; Nekrasova, T.F.; et al*
SCIENTIFIC BASES FOR ECOLOGICAL FORECASTS OF HYDROMORPHIC LANDSCAPE DESERTIFICATION
Lang.: eng. 1983. Series title: Problems of Desert Development. No.2:p.11-19. Note: Translated from: Problemy Osvoeniya Pustyn (1983, No.2:p.13-21)
Descriptor: soil fertility * desertification
Geographical descriptor: Kazakhstan * Kazakh SSR * USSR
- 1917 *Korobova, Y.N*
AGROMETEOROLOGICHESKIYE USLOVIYA I DINAMIKA UROZHAYNOSTI PESCHANYKH PASTBISHCH SEVERNOGO PRIARAL'YA (Agrometeorological Conditions and Dynamics of Sandy Pasture Yields in the Northern Aral Area)
Lang.: rus. Turkmen SSR Academy of Sciences. 1970. 18p. Note: (Candidate dissertation summary)
Descriptor: agricultural meteorology * pastures * sandy soils * crop yield
Geographical descriptor: Aral Area * Turkmen SSR * USSR

- 1918 *Korobova, Y.N.; Bedarev, S.A*
PROBLEMS OF LONG-TERM AGROMETEOROLOGICAL YIELD FORECASTS OF PASTURELAND VEGETATION
 Lang.: eng. 1970. Series title: *Problems of Desert Development*. No.3:p.25-32. Note: Translated from: *Problemy Osvoeniya Pustyn*
 Descriptor: agrometeorology * pastures * crop yield * forecasting * fodder * seasonality * rangelands
- 1919 *Koshunov, M*
CHARACTERISTICS OF GLEDITSCHIA TRIACANTHOS GROWTH IN A SANDY DESERT
 Lang.: rus. 1975. Series title: *Problemy Osvoeniya Pustyn*. No.4:p.29-33. Note: Summary in English
 Descriptor: *Gleditschia triacanthos* * plant growth * deserts
 Geographical descriptor: USSR
- 1920 *Kosok, P*
LIFE, LAND AND WATER IN ANCIENT PERU
 Lang.: eng. New York: Long Island University Press. 1965. 264p
 Descriptor: land use * water sources * water utilization * social aspects * history * archaeology * prehistory
 Geographical descriptor: Peru * South America
- 1921 *Kostyuchenko, V.P.; Grave, L.M*
CHANGES IN THE SOILS OF THE SOUTHEASTERN KARAKUMS UNDER THE INFLUENCE OF THE KARAKUM CANAL
 Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.1:p.39-42. Note: Translated from: *Problemy Osvoeniya Pustyn*
 Descriptor: soils * environmental impact * deserts
 Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1922 *Kotschi, J. (ed.)*
TOWARDS CONTROL OF DESERTIFICATION IN AFRICAN DRYLANDS: PROBLEMS, EXPERIENCES, GUIDELINES
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 Descriptor: deforestation * afforestation * arid land * erosion control * vegetation * environmental degradation
 Geographical descriptor: Africa
- 1923 *Kovda, V.A*
A PRECARIOUS BALANCE UPSET
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 Descriptor: desertification * deforestation * pastoralism * livestock * land use * carrying capacity * climatic data * forecasting * environmental variability * overgrazing
- 1924 *Kovda, V.A*
ARIDITY AND THE FIGHT AGAINST DROUGHTS
 Lang.: rus. Nauka. 1977. 272p
 Descriptor: drought * aridity * desertification
- 1925 *Kovda, V.A*
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 Lang.: eng. Boulder, CO: Westview Press. 1980. 277p. ISBN 0-89158-259-2
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- 1926 *Kovda, V.A*
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 Lang.: eng. Paris: UNESCO. 1961. Series title: *Arid Zone Research*. Vol.17:p.175-218
 Descriptor: land use * land development * arid land * plains
 Geographical descriptor: Caucasus * Central Asia
- 1927 *Kovda, V.A*
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 Lang.: eng. Moscow, USSR: Centre for International Projects. 1980. 274p. Note: Course on reclamation of saline irrigated soils
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- 1928 *Kovda, V.A*
TO PREVENT ARIDIZATION, COMBAT SALINITY
 Lang.: eng. 1982. Series title: *Environmental Conservation*. Vol.9(4):p.323-327
 Descriptor: soil fertility * desertification * irrigation * salinity * alkalization
- 1929 *Kowal, J.M.; Adeoye, K.B*
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 Lang.: eng. 1973. Series title: *Savanna*. Vol.2(2):p.145-158
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 Geographical descriptor: Nigeria * Sahel * Africa
- 1930 *Kramer, H.P*
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 Lang.: eng. 1951. Series title: *Meteorological Abstracts and Bibliography*. Vol.2(6):p.453-480
 Descriptor: weather data * climatology * geography * deserts * bibliographies * agricultural climatology * climatic change * atmospheric circulation * rainfall * anticyclones * bioclimatology * radiation * solar radiation * temperature ranges * winds * agrometeorology
 Geographical descriptor: Turkestan Desert * Persian Gulf * Arabian Peninsula * Middle East * Caspian Sea * Afghanistan * Baluchistan * Iran * Iraq * USSR * Mesopotamian Plain * Euphrates River * Syria
- 1931 *Kratz, G*
DYNAMIC MODEL OF THE NATURAL CARBON CYCLE AND ITS ALTERATION BY HUMAN INFLUENCES (translated title)
 Lang.: ger. Nov. 4, 1983. Series title: *Fachbereich Chemie*. 325p
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- 1932 *Kravchuk, V.N*
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 Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.6:p.46-52. Note: Translated from: *Problemy Osvoeniya Pustyn*
 Descriptor: pastures * hay * irrigated conditions * sea water * saline water * subsoils * rangelands
- 1933 *Krings, T.F*
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 Lang.: ger. 1980. Series title: *Hamburger Geographisches Studien*. 36. 157p
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 Geographical descriptor: Upper Volta * Burkina Faso * Oudalan * Africa

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Descriptor: playas * geomorphology * paleoclimatology * sedimentation * terrain analysis * surface properties * clay * salts * crusts * basins
Geographical descriptor: Iran * Middle East
- 1935 **Krinsley, D.B**
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 Lang.: eng. 1968. Series title: U.S. Air Force. Cambridge Research Laboratories. Research Papers. Vol.283:p.105-130.
 Note: (In) Playa Surface Morphology: Miscellaneous Investigations by J.T. Neal (ed.)
Descriptor: geomorphology * Pleistocene epoch * paleoclimatology * salt deserts * sedimentation * playas
Geographical descriptor: Iran * Iranian Desert * Dasht-E-Kavir * Middle East
- 1936 **Krinsley, D.B**
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 Lang.: eng. 1972. Series title: Paleocology of Africa. Vol.6:p.114-120
Descriptor: paleoclimatology * playas * lakes * lake basins * deltas * crusts * salts * landforms * Pleistocene epoch * Holocene epoch * climatic geomorphology * geologic time
Geographical descriptor: Iran * Middle East
- 1937 **Krishnan, M.S**
EVOLUTION OF THE DESERT
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 Lang.: eng. 1952. Series title: National Institute of Sciences Bulletin (India). Vol.1:p.19-31
Descriptor: desertification * climatic geomorphology
Geographical descriptor: Rajasthan * India
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Descriptor: desertification * deforestation * climatic geomorphology * climatic data * climatic change
Geographical descriptor: Rajasthan * India
- 1939 **Krishnan, A.; Bhatt, P.N.; Rakhecha, P**
A SOIL MOISTURE REGIME AND MICROCLIMATOLOGICAL STUDY OVER SAND DUNES IN WESTERN RAJASTHAN
 Lang.: eng. 1966. Series title: Annals of Arid Zone. Vol.5(1):p.1-9
Descriptor: soil moisture * microclimatology * dunes * soil temperature * temperature * climatic data * soil water regimes
Geographical descriptor: Rajasthan * India
- 1940 **Krishnan, A**
CLIMATIC CHANGES RELATING TO DESERTIFICATION IN THE ARID ZONE OF NORTHWEST INDIA
 Lang.: eng. 1977. Series title: Annals of Arid Zone. Vol.16(3):p.302-309
Descriptor: desertification * climatic data * climatic change * aridity index * dust storms * weather patterns * erosion
Geographical descriptor: India * Rajasthan
- 1941 **Krishnan, A.; Thanvi, K.P**
WATER BUDGET IN THE ARID ZONE OF RAJASTHAN DURING 1941-1960
 Lang.: eng. 1969. Series title: Annals of Arid Zone. Vol.8(2):p.291-299
Descriptor: water balance * weather data * weather stations * precipitation deficit * groundwater recharge * soil moisture * environmental variability
Geographical descriptor: Rajasthan * India
- 1942 **Kroos, R.R.H**
AN END TO EROSION - DESERTIFICATION OF THE WORLD
 Lang.: eng. 1987. p.285-293. Note: (In) Erosion Control - You're Gambling Without it. 18th International Erosion Control Association Conference Proceedings
Descriptor: desertification control * resource management * erosion control
- 1943 **Krown, L**
AN APPROACH TO FORECASTING SEASONAL RAINFALL IN ISRAEL
 Lang.: eng. 1966. Series title: Journal of Applied Meteorology. Vol.5(5):p.590-594
Descriptor: rainfall * wet seasons * weather forecasting * weather data * weather patterns
Geographical descriptor: Israel * Middle East
- 1944 **Kruger, F.J**
ECOLOGICAL RESERVES IN THE CAPE FYNBOS: TOWARDS A STRATEGY FOR CONSERVATION
 Lang.: eng. 1977. Series title: South African Journal of Science. Vol.73:p.81-85
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- 1945 **Kruseman, G.P**
TOWARDS A GARDEN OR TOWARDS A DESERT
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Descriptor: ecosystems * human activity * settlements * reforestation * land management * natural resources * desertification
- 1946 **Kuchkarov, M**
EKONOMICHESKAYA EFFEKTIVNOST' ZAKREPLENIYA I OBLESENIYA PESKOV (Economic Effectiveness of Sand Fixation and Afforestation)
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Descriptor: sand control * afforestation * economics
- 1947 **Kulik, N.F.; Zyuz, N.S**
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 Lang.: rus. 1975. Series title: Lesnoye Khozyaystvo. No.10:p.54-56
Descriptor: Afforestation * sand * sand control
Geographical descriptor: Terek Kum * Astrakhan * USSR
- 1948 **Kulik, N.F.; Petrov, V.I**
SILVICULTURE RECLAMATION OF DESERTIFIED SANDY TRACTS IN SOUTHEASTERN EUROPEAN USSR
 Lang.: eng. 1984. Series title: Problems of Desert Development. No.1:p.68-72. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: desertification * reclamation * silviculture * sand * soil salinization * wind erosion * windbreaks * arid land * semiarid lands
Geographical descriptor: USSR * Europe
- 1949 **Kulik, N.F.; Petrov, V.I.; Gusikov, A.F**
STUDY OF DEFLATION PROCESSES ON SANDY LANDS IN THE CASPIAN REGION USSR WITH THE USE OF SATELLITE PHOTOS
 Lang.: eng. 1980. Series title: Problems of Desert Development. No.4:p.94-95. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: deflation * sandy soils * satellite borne photography
Geographical descriptor: Caspian Sea Region * USSR
- 1950 **Kulik, N.F**
WATER BALANCE COMPUTATIONS AND FEEDING AREAS FOR PROTECTION VEGETATION
 Lang.: rus. 1975. Series title: Lesnoye Khozyaystvo. No.3:p.59-64
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Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1986. Series title: ICAR Bulletin, No.11. 95p
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Geographical descriptor: India
- 1952 **Kumar, D.**
THE EDGE OF THE DESERT: THE PROBLEMS OF POOR AND SEMI-ARID LANDS
Lang.: eng. 1977. Series title: Royal Society of London, Philosophical Transactions. Vol.278:p.477-491
Descriptor: deserts * developing countries * semiarid climate * demography * economics * irrigation * forecasting * government * policy * human population
Geographical descriptor: India
- 1953 **Kunmerow, J.**
APORTE AL CONOCIMIENTO DE LAS CONDICIONES CLIMATICAS DEL BOSQUE DE FRAY JORGE (Contribution to Knowledge of Climatic Conditions of the Fray Jorge Forest)
Lang.: spa. 1966. Series title: Universidad de Chile (Maipu). Estacion Experimental Agronomica. Boletin Technico, Vol.24:p.21-24
Descriptor: rainfall * atmospheric precipitation * forests * fog * forest management
- 1954 **Kundaoli, J.N.**
ASSESSMENT OF CURRENT STATUS AND TREND OF DESERTIFICATION IN THE KALAHARI DESERT REGIONAL COUNTRIES
Lang.: eng. 1983. iii, 78p. Note: Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: deserts * demography * water harvesting * irrigated farming * forests * water resources * fisheries * economic development
Geographical descriptor: Kalahari Region * Africa
- 1955 **Kurakina, L.T.; Larin, Y.V.**
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Lang.: eng. 1975. Series title: Problems of Desert Development. No.1:p.70-72. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: soil improvement * soil development * physico-chemical properties of soils * soil management * soil structure
Geographical descriptor: USSR
- 1956 **Kurakova, L.I.; Milanova, E.V.**
OPTIMIZATION OF ENVIRONMENT CONTROL IN ARID TROPICAL AREAS
Lang.: rus. 1983. Series title: Vestnik Moskovskogo Universiteta, Seriya Geografiya. No.1:p.26-32
Descriptor: environmental protection * tropics * arid land
- 1957 **Kurbanmurodov, K.; Svintsov, I.P.**
O LESORASTITEL'NYKH USLOVIYAKH PESKOV SREDNEGO TECHENIYA AMUDAR'I. (On Woodland Growing Conditions of Sands Adjacent to the Oasis Along the Middle Amudar'ya)
Lang.: rus. 1979. Series title: Problemy Osvoeniya Pustyn. No.1:p.52-57. Note: Summary in English
Descriptor: sand * soil morphology * salinity * soil fertility * soil water relations * geomorphology * deflation * soil reclamation * sandy soils * afforestation
Geographical descriptor: USSR * Amu Darya
- 1958 **Kurbanov, K.**
PHYTORECLAMATION OF SHIFTING SANDS IN THE NEBIT-DAG, KOTUR-TEPE HIGHWAY AREA
Lang.: rus. Ashkhabad, Turkmen SSR: Okhrana Prirody v Turkmenii. 1967. p.105-110. Note: (In) Oroshayemoye zemledeliye i osvoyeniya pustyn' (Irrigated farming and desert development)
Descriptor: sand * sand control * revegetation * afforestation * saltwort * nitrebush * Salsola kali * irrigated farming * deserts
Geographical descriptor: Nebit Dag Highway Area * Kotur Tepe Highway Area * Turkmen SSR * USSR
- 1959 **Kurbanov, O.R.; Esenov, P.**
PROBLEMS OF THE DEVELOPMENT OF THE SANDY SOILS OF KHAUZKHAN MASSIF
Lang.: eng. 1975. Series title: Problems of Desert Development. No.6:p.36-41. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: sandy soils * soil improvement * soil development * soil management * soil conditions
Geographical descriptor: Khauzkhon Massif * USSR
- 1960 **Kurbanov, O.R.**
PROTECTION OF NATURE IN THE ZONE OF THE SECOND SECTION OF THE KARAKUM CANAL
Lang.: eng. 1974. Series title: Problems of Desert Development. No.6:p.58-61. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: nature protection * environmental protection
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1961 **Kurbanov, O.R.; Amagel'dyyev, A.**
WIND EROSION OF SANDS IN THE KARAKUM CANAL ZONE AND CERTAIN MEASURES TO FIGHT IT
Lang.: eng. 1975. Series title: Problems of Desert Development. No.2:p.76-79. Note: Translated from: Problemy Osvoeniya pustyn
Descriptor: wind erosion * sand * erosion control
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 1962 **Kurkov, A.A.**
SUSHCHESTVUET LI PROBLEMA USYKHANIYA AZII (Is There a Problem of Dessication of Asia)
Lang.: rus. 1967. Series title: Akademiya Nauk SSSR Izvestiia, Ser. Geograficheskaya. Vol.4:p.152-155. Note: Full translation in Soviet Geography: Review and Translation Vol.9(1):p.47-58, 1968
Descriptor: deserts * moisture deficit * dessication * desertification
Geographical descriptor: Central Asia
- 1963 **Kurochkina, L.Y.**
PSAMMOPHYLOUS VEGETATION OF KAZAKHSTAN DESERTS
Lang.: rus. Alma Ata, Kazakh SSR: Nauka. 1978. 272p
Descriptor: psammophytes * forage supply * plant populations * scrub * grasses
Geographical descriptor: Kazakhstan * USSR
- 1964 **Kurochkina, L.Y.; Ishankulov, M.Sh.; Korniyenko, V.A.**
ABOUT IMPACT LOWERING LIMITS OF THE ARAL SEA LEVEL ON ENVIRONMENT
Lang.: rus. 1979. Series title: Problemy Osvoeniya Pustyn. No.2:p.25-33. Note: Summary in English
Descriptor: mapping * runoff * environmental impact
Geographical descriptor: USSR * Aral Sea
- 1965 **Kurochkina, L.Y.; Kuznetsov, N.T.**
ECOLOGICAL ASPECTS OF ANTHROPOGENIC DESERTIFICATION IN ARAL REGION
Lang.: eng. 1986. Series title: Problem of Desert Development. No.5:p.72-78. Note: Translated from: Problemy Osvoeniya Pustyn (1986, No.5:p.68-74)
Descriptor: desertification * humans * water management * land use * soil salinization * degradation
Geographical descriptor: Kazakh SSR * Uzbek SSR * USSR

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DESERTIFICATION AS EXEMPLIFIED BY TURAN
Lang.: eng. 1985. Series title: Soviet Journal of Ecology.
Vol.16(1):p.7-13. Note: Translated from: Ekologiya (p.10-18)
Descriptor: desertification * mapping
Geographical descriptor: Turan Valley * Kazakhstan * Kazakh
SSR * USSR * Asia
- 1967 *Kurochkina, L.Y.; Makulbekova, G.B.; Bizhanov, G*
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ANTHROPOGENIC CHANGES IN VEGETATION
Lang.: eng. 1983. Series title: Problems of Desert Development.
NO.3:p.1-8. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: mapping * human activity * vegetation analysis
- 1968 *Kurochkina, L.Y.; Osmanova, L.T*
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Lang.: eng. Alma-Ata, Kazakh SSR: Kaynar. 1973. 204p
Descriptor: pastures * sandy soils * deserts * fodder * weeds *
poisonous plants * cropping systems * exclosures
Geographical descriptor: Kazakh SSR * USSR
- 1969 *Kurochkina, L.Y*
PSAMMOPITNAYA RASTITEL'NOST PUSTYN'
KAZAKHSTANA (Psammophyte vegetation of Kazakhstan
deserts)
Lang.: rus. Alma-Ata, Kazakh SSR: Kazakh SSR Academy of
Sciences. 1975. 61p. Note: (Doctoral dissertation summary)
Descriptor: psammophytes * deserts
Geographical descriptor: Kazakh SSR * USSR
- 1970 *Kurochkina, L.Y.; Makulbekova, G.B*
THE QUESTION OF PHYTOMELIORATION OF THE
DRYING SHORE OF THE ARAL SEA
Lang.: eng. 1984. Series title: Problems of Desert Development
No.4:p.29-32. Note: Translated from: Problemy Osvoeniya
Pustyn
Descriptor: desertification * reclamation * revegetation * plant
colonization * plant cover * Haloxylon * arid land * lakes *
coastal areas
Geographical descriptor: Kazakh SSR * Uzbek SSR * USSR *
Aral Sea
- 1971 *Kuwait. Ministry of Agriculture*
STATE OF KUWAIT
Lang.: eng. New York: United Nations Economic and Social
Council. 1981. 3P. Note: (In) Expert Meeting on Management,
Conservation and Development of Agricultural Resources in the
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Descriptor: desertification * desertification control * government
policy
Geographical descriptor: ECWA Region * Kuwait * Middle East
- 1972 *Kuznetsov, N.T*
PRELIMINARY RESULTS AND SOME TRENDS IN
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Lang.: eng. 1980. Series title: Problems of Desert Development.
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Descriptor: research * trends * environmental development
Geographical descriptor: Aral Sea * USSR
- 1973 *Kwieton, E*
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OF TENEBRIONID COLEOPTERA (translated title)
Lang.: fre. 1981. Series title: Publ. Inst. Zool. 'Dr. Augusto
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Geographical descriptor: Algeria * Sahara * Africa
- 1974 *Lachenmann, G*
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Interrelated Effects of Ecological and Economic Changes as
well as of Socio-structural
and Cultural Change)
Lang.: ger. 1984. Series title: Afrika Spectrum.
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Descriptor: desertification * economic sociology * rural
development
Geographical descriptor: Sahel * Africa
- 1975 *Lachenmann, G*
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SOCIAL ORGANIZATION
Lang.: eng. 1986. Series title: Quarterly Journal of
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Geographical descriptor: Mali * Sahel * West Africa * Africa
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Regions: Proceedings Workshop, by G.R. Dutt, C.F. Hutchinson,
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Descriptor: arid land * water harvesting * soil conservation *
water conservation * semiarid lands
Geographical descriptor: Mexico
- 1977 *Lai, C.K.; Khan, A*
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Geographical descriptor: Mali * Sahel * West Africa * Africa
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Seminaire de Teledetection, (Proceedings of a Seminar on
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Descriptor: remote sensing * mapping * desertification *
synchronous visual studies
Geographical descriptor: Africa * Senegal
- 1979 *Lal, R*
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Descriptor: sustained agriculture * natural resources
Geographical descriptor: sahara * Africa
- 1980 *Lalymenko, I.I*
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Lang.: eng. 1974. Series title: Problems of Desert Development.
Vol.1:p.76-79. Note: Translated from: Problemy Osvoeniya
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vegetation
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USSR

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Descriptor: climate * dendrochronology * climatic change * atmospheric precipitation * atmospheric circulation * weather forecasting
Geographical descriptor: Western U.S
- 1982 *Lamb, H.H.*
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Lang.: eng. 1968. Series title: *Advancement of Science*. Vol.25:p.103-120
Descriptor: climate * archaeology * history * climatic change * zoogeography
Geographical descriptor: Sahara * Jordan * Mesopotamian Plain * Indus Basin * Africa * Lake Chad
- 1983 *Lamb, H.H.*
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Descriptor: drought * climatic zones * desertification * meteorology * climatic change * Mediterranean climate * arid climate * semiarid climate * atmospheric pressure * air masses * climatology * aid
Geographical descriptor: Africa
- 1984 *Lamb, H.H. (ed.)*
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Descriptor: climatic change * climatology
- 1985 *Lamb, R.P.*
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Lang.: eng. 1982. Series title: *Environmental Conservation*. Vol.9(3):p.243-245
Descriptor: pastoralism * case studies * desertification * nomads * environmental protection
- 1986 *Lamb, R.P.*
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- 1987 *Lambergson, D.*
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Descriptor: drought * statistical weather forecasting * agrometeorology * atmospheric models * meteorological * parameter identification * rainfall * tropics
Geographical descriptor: Sahara * Africa
- 1988 *Lambert, M.R.K.*
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- 1989 *Lambert, M.R.K.*
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Geographical descriptor: Mediterranean region
- 1990 *Lambert, W.*
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Lang.: eng. 1981. Series title: *Geological Society of America, Abstracts with Programs*. Vol.13(2):p.66. Note: ABSTRACT ONLY
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Geographical descriptor: Sonoran Desert * Arizona
- 1991 *Lamprey, H.; Yousaf, H.*
PASTORALISM AND DESERT ENCROACHMENT IN NORTHERN KENYA
Lang.: eng. 1981. Series title: *Ambio*. Vol.10(2-3):p.131-134
Descriptor: pastoralism * natural resources * surveys * rangelands * stocking rate * desertification * soil fertility * productivity
Geographical descriptor: Kenya * Africa
- 1992 *Lamprey, H.F.*
KENYA: SEEKING REMEDIES FOR DESERT ENCROACHMENT UNESCO'S Integrated Project in Arid Lands (IPAL) Reviewed
Lang.: eng. 1981. Series title: *Span*. Vol.24(2):p.53-56
Descriptor: arid land * deserts * development projects * desertification control
Geographical descriptor: Kenya * Africa
- 1993 *Lamprey, H.F.*
REPORT ON THE DESERT ENCROACHMENT RECONNAISSANCE IN NORTHERN SUDAN, OCTOBER 21-NOVEMBER 10, 1975
Lang.: eng. Khartoum, Sudan: National Council for Research. Ministry of Agriculture, Food and Natural Resources. 1975. 16p.:ill., maps. ISSN 0379-2455. Note: (Also in) *Desertification Control Bulletin* n.17, 1988, p.1-7
Descriptor: desertification * sand control * Acacia * wildlife * habitats * conservation * social aspects * nomads * surveys * land use * planning * subsistence agriculture
Geographical descriptor: Africa * Sudan * Senegal
- 1994 *Lamprey, H.F.*
UNESCO'S INTEGRATED PROJECT ON ARID LAND, IPAL: A SILVOPASTORAL APPROACH
Meeting or Conf.: A Consultative Meeting on Plant Research and Agroforestry, Nairobi, Kenya, Apr. 8-15, 1981
Lang.: eng. Nairobi, Kenya: ICRAF. International Council for Research in Agroforestry. 1983. p.129-136. Note: (In) *Proceedings of a Consultative Meeting on Plant Research and Agroforestry* by P.A. Huxley (ed.)
Descriptor: arid land * livestock * forest grazing * desertification * land use * animal feeding * climatic zones * domestic animals * environmental factors * feeding systems * natural disasters * animal nutrition * resource allocation * resource development * site factors * unrestricted feeding
Geographical descriptor: Kenya * Africa * Anglophone Africa * Africa South of Sahara * Africa
- 1995 *Lancaster, I.N.*
COMPOSITION AND FORMATION OF SOUTHERN KALAHARIPAN MARGIN DUNES
Lang.: eng. 1978. Series title: *Zeitschrift fuer Geomorphologie*. Vol.22(2):p.148-169
Descriptor: dunes * soil types * Pleistocene epoch * wind action * Holocene epoch * pans * silts * clay * calcium carbonate * deflation
Geographical descriptor: Botswana * Africa * Kalahari Desert * Africa
- 1996 *Lancaster, N.*
PALEOENVIRONMENTS IN THE TSONDAB VALLEY, CENTRAL NAMIB DESERT
Lang.: eng. 1984. p.411-419. ISSN 0078-8538. Note: (In) *Palaeoecology of Africa and the Surrounding Islands* by J.A. Coetzee (ed.)
Descriptor: paleoenvironments * deserts
Geographical descriptor: Tsondab Valley * Kalahari Desert * Africa

- 1997 *Landi, R*
CONSERVAZIONE DEL SUOLO ED UTILIZZAZIONE DELLE RISORSE IDROLOGICHE IN AMBIENTE ARIDO
 Lang.: ita. Jul-Dec. 1984. Series title: Riv. Agric. Sotropsics and Tropics. Vol.78(3-4):p.579-622
Descriptor: soil conservation * hydrology * arid land * dry tropics
- 1998 *Landsberg, H.E*
POTENTIALITIES AND LIMITATIONS OF CONVENTIONAL CLIMATOLOGICAL DATA FOR DESERTIFICATION MONITORING AND CONTROL
 Lang.: eng. Dordrecht, The Netherlands: D. Reidel. Aug-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.123-128. ISSN 0165-0009
Descriptor: desertification * climatic factors * monitoring * weather * arid land * semiarid lands
- 1999 *Langford Smith, T*
ARID LAND SETTLEMENT TODAY: SOME PROBLEMS AND PROSPECTS
 Lang.: eng. 1978. Series title: Australian Geographical Studies. Vol.16:p.3-14
Descriptor: arid land * settlements * land use * desertification * urbanization * irrigation * ecology
Geographical descriptor: Southwestern U.S. * Mesopotamian Plain * Egypt * Arizona * Africa
- 2000 *Lansford, R.R*
HIGH PLAINS-OGALLALA AQUIFER STUDY, NEW MEXICO
 Lang.: eng. Las Cruces, NM: New Mexico State University. Water Resources Research Institute. 1982. Series title: WRI Report. No.151. x, 107p
Descriptor: aquifers * water resources * demography * economic development * irrigation * water conservation * climate * water resources * water use * water power * agricultural production * technology
Geographical descriptor: New Mexico * Ogallala Aquifer
- 2001 *Lappe, F.M.; Collins, J*
FOOD FIRST: BEYOND THE MYTH OF SCARCITY
 Lang.: eng. New York: Houghton Mifflin. 1977. 466p
Descriptor: food supply * crop production * exports
Geographical descriptor: Sahel * Africa
- 2002 *Larrazin, H*
ANTECEDENTES HISTORICOS PARA UN ESTUDIO DE LA REUTILIZACION DE SUELOS AGRICOLAS EN LA PAMPA DEL TAMARUGAL, PROVINCIA DE TARAPACA, CHILE (Historical Antecedents for a Study of Re-utilization of Agricultural Soils in the Pampa del Tamarugal, Tarapaca Province, Chile)
 Lang.: spa. 1974. Series title: Norte Grande. Vol.1(1):p.9-21
Descriptor: history * aerial photography * soil management
Geographical descriptor: Pampa del Tamarugal * South America * Tarapaca Province * Chile
- 2003 *Lassailly, F*
PLANTATIONS FORESTIERES: UNE GAGEURE? (Forest Plantation: A Wager?)
 Lang.: fre. Aug 1985. Series title: Inter Tropiques Agricultures. No.12:p.4-7. ISSN 0755-6152
Descriptor: forest plantations * fuelwood * desertification * arid land * climatic zones * energy sources * environmental factors * forest products * natural disasters * natural resources * economic analysis * roundwood * site factors * wood products
Geographical descriptor: Niger * Francophone Africa * Africa
- 2004 *Laval, K*
GENERAL CIRCULATION MODEL EXPERIMENTS WITH SURFACE ALBEDO CHANGES
 Lang.: eng. Aug-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.91
Descriptor: models * circulation * surface albedo * climatology
- 2005 *Laval, K*
SENSIBILITE DES MODELES DE CIRCULATION GENERALE AUX PROCESSUS DE SURFACE (Sensitivity of General Circulation Models to Surface Processes)
 Lang.: fre. Sep. 1987. p. 515-530. Note: (In) CNES, Climatology and Space Observations
Descriptor: air land interactions * atmospheric models * desertification * soils * atmospheric precipitation * soil moisture
- 2006 *Lavandeu, L*
LES FORETS DU SAHARA
 Lang.: fre. 1927. Series title: Revue des Eaux et Forets. Juin-Juillet. p.1-26
Descriptor: forests * relict vegetation
Geographical descriptor: Sahara * Africa
- 2007 *Law Jr., J.P. (ed.); Witherow, J.L. (ed.)*
WATER QUALITY MANAGEMENT PROBLEMS IN ARID REGIONS
 Lang.: eng. 1970. Series title: U.S. Federal Water Quality Administration, Water Pollution Control Research Series. 13030. 105p
Descriptor: water quality * water management * return flow * salinity * water pollution * irrigation water * feedlots * water reuse * sewage effluents
Geographical descriptor: Colorado River * Western U.S
- 2008 *Lawrence, E.F*
A CLIMATIC ANALYSIS OF NEW SOUTH WALES
 Lang.: eng. 1937. Series title: Australian Geographer. Vol.3(3):p.2-23
Descriptor: climate * seasonality * maps * climatic zones * weather patterns
Geographical descriptor: New South Wales * Australia
- 2009 *Le Houerou, H.N*
A PROBABILISTIC METHODOLOGY FOR ASSESSING THE PRODUCTIVITY AND CARRYING CAPACITY OF THE LIBYAN RANGELANDS
 Meeting or Conf.: Agrochemicals: Fate in Food and the Environment Using Isotope Techniques, FAO Conference, Rome, 1982
 Lang.: eng. Rome: FAO. 1983. 22p
Descriptor: rangelands * productivity * carrying capacity * statistical analysis * methodology
Geographical descriptor: Libya
- 2010 *Le Houerou, H.N*
AN OUTLINE OF THE BIOCLIMATOLOGY OF LYBIA
 Lang.: eng. Paris: La Societe. 1984 (pub.1985). Series title: Societe Botanique de France Bulletin. Vol.13(2-4):p.157-178. 3 maps (1/1,000,000)
Descriptor: bioclimatology * climatology * arid land
Geographical descriptor: Libya * Africa
- 2011 *Le Houerou, H.N*
BIOLOGICAL RECOVERY VERSUS DESERTIZATION
 Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.413-420
Descriptor: desertification * monitoring * land management * land resources * conservation
- 2012 *Le Houerou, H.N.; Rapp, A*
CAN DESERTIZATION BE STOPPED? SUMMARY AND RECOMMENDATIONS
 Lang.: eng. 1976. Series title: Ecological Bulletins/NFR (Stockholm). Vol.24:p.237-241. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: desertification * human population * migration * grazing * political aspects * social aspects * planning * appropriate technology * drought * hazards

- 2013 *Le Houerou, H.N.; Lundholm, B*
COMPLEMENTARY ACTIVITIES FOR THE IMPROVEMENT OF THE ECONOMY AND THE ENVIRONMENT IN MARGINAL DRYLANDS
 Lang.: eng. 1976. Series title: *Ecological Bulletin (Stockholm)*. Vol.24:p.217-229. Note: (In) *Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa* by A. Rapp, H.N. Houerou and B. Lundholm (eds.) 241p
Descriptor: economic development * environmental development * arid land * semiarid climate * desertification * reclamation * climatic zones * shelterbelts * irrigation * desalination * runoff * farming * dry farming * feedlots * social aspects * fish * hunting * wildlife * tourism * game ranching
Geographical descriptor: Africa * Middle East
- 2014 *Le Houerou, H.N.; Gillet, H*
CONSERVATION VS. DESERTIZATION IN AFRICAN ARID LANDS
 Lang.: eng. 1986. p.444-462. ISBN 0-87893-794-3. Note: (In) *Conservation Biology: The Science of Scarcity and Diversity* by M.E. Soule (ed.)
Descriptor: biology * conservation * resource management * ecology * bioclimatology * biometeorology * terrestrial wildlife management * desertification * arid land
Geographical descriptor: Africa
- 2015 *Le Houerou, H.N*
CONTRIBUTION A UNE BIBLIOGRAPHIE DES PHENOMENES DE DESERTISATION, DE L'ECOLOGIE VEGETALE, DES PATURAGES ET DU NOMADISME DANS LES REGIONS ARIDES DE L'AFRIQUE ET DE L'ASIE DU SUD-OUEST
 Meeting or Conf.: Colloque International sur la Desertification, Nouakchott, Dec. 17-19, 1973
 Lang.: fre. Rome: Food and Agriculture Organization of the United Nations. 1973. 120p
Descriptor: aid * bibliographies * desertification * nomads * grazing
Geographical descriptor: Africa * Middle East
- 2016 *Le Houerou, H.N*
DESERTIZATION PROBLEMS IN NORTHERN CHINA: AN OVERVIEW
 Lang.: eng. Washington, D.C.: American Assoc. for the Advancement of Science. 1984. 20p. Note: (In) *Delegation Trip Report: Arid Lands in China* by C.M. McKell and L. Levey (eds.)
Descriptor: desertification * arid land * environmental surveys
Geographical descriptor: China * Northern China
- 2017 *Le Houerou, H.N*
DESERTIZATION REGIONAL RESEARCH PROJECTS FOR EAST AFRICA
 Meeting or Conf.: Intergovernmental Agency for Drought and Development in East Africa (IGADD), Donors Meeting Report, EEC, Brussels, 1986
 Lang.: eng. Rome: FAO. 1986. 74p
Descriptor: desertification * desertification control * projects * research * drought * land development
Geographical descriptor: East Africa * Africa
- 2018 *Le Houerou, H.N*
DETERIORATION OF THE ECOLOGICAL EQUILIBRIUM IN THE ARID ZONES OF NORTH AFRICA
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1974. 11p
Descriptor: climate * hydrology * vegetation * ecology * agriculture
Geographical descriptor: North Africa * Africa
- 2019 *Le Houerou, H.N*
ECOLOGICAL FOUNDATIONS OF AGRICULTURAL AND RANGE DEVELOPMENT IN WESTERN LIBYA
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. Plant Production and Protection Division. 1973. 20p
Descriptor: agriculture * range management
Geographical descriptor: Libya * Africa
- 2020 *Le Houerou, H.N*
ECOLOGICAL SURVEY OF CHINESE DESERTS (translated title)
 Lang.: fre. 1987. Series title: *C.R. Seances Soc. Biogeogr.* Vol.63(2):p.35-69
Descriptor: ecology * bioclimatology * biometeorology * agronomy * mixed crops * soil science * genesis * morphology
Geographical descriptor: China
- 2021 *Le Houerou, H.N*
IMPROVEMENT OF NATURAL PASTURES AND FODDER RESOURCES: REPORT TO THE GOVERNMENT OF LIBYA
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1965. Series title: *EPTA Report*. EPTA Report 1979. 46p
Descriptor: grazing * rangelands * forage production * reclamation
Geographical descriptor: Libya * Africa
- 2022 *Le Houerou, H.N*
IMPROVEMENT OF THE RANGELANDS AND RELATED PROBLEMS IN NORTHERN SOMALIA
 Lang.: Eng. Rome: Food and Agriculture Division of the United Nations. 1972. 18p
Descriptor: rangelands * range management
Geographical descriptor: Somalia * Africa
- 2023 *Le Houerou, H.N*
INTEGRATED PROJECT IN ARID LAND REHABILITATION RESEARCH IN WESTERN SUDAN
 Lang.: eng. Paris: UNESCO. 1987. 30p
Descriptor: arid land * projects * reclamation * desertification control
Geographical descriptor: Sudan * Western Sudan * Africa
- 2024 *Le Houerou, H.N*
IRAN (REGIONAL STUDIES AND PROPOSALS FOR DEVELOPMENT)
 Lang.: eng. 1976. Series title: *Ecological Bulletins/NFR (Stockholm)*. Vol.24:p.115-120. Note: (In) *Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa* by A Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: environmental development * land use * desertification * sand control * windbreaks * pastures * planting management * forage production * wilderness areas * dams * watershed management * environmental surveys
Geographical descriptor: Iran * Middle East
- 2025 *Le Houerou, H.N*
LA DESERTISATION DU SAHARA SEPTENTRIONAL ET DES STEPPES LIMITOPHES (LIBYE, TUNISIE, ALGERIE)
 Meeting or Conf.: International Biological Program, Section C.T., Colloque Hammamet, Tunisia, 1965. London
 Lang.: fre. 1968
Descriptor: grazing * arid land * agronomy * vegetation change * environmental impact * desertification * steppes
Geographical descriptor: Africa * Sahara * Libya * Tunisia * Algeria
- 2026 *Le Houerou, H.N*
MAN AND DESERTIZATION IN THE MEDITERRANEAN REGION
 Lang.: eng. 1977. Series title: *Ambio*. Vol.6(6):p.363-365
Descriptor: desertification * ecosystems * demography * populations * overgrazing * denudation * erosion * sedimentation * salinity * land use * irrigation practices
- 2027 *Le Houerou, H.N*
NORTH AFRICA, PAST, PRESENT, FUTURE
 Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1970. Note: (In) *Arid Lands in Transition* by H.E. Dregne (ed.)
Descriptor: pastoralism * social aspects * bioclimatology * regional surveys * desertification * land use * nomads * settlements * water resources
Geographical descriptor: Algeria * Morocco * Tunisia * Libya * Africa

- 2028 *Le Houerou, H.N.*
PREDICTION OF RANGE PRODUCTION FROM WEATHER RECORDS IN AFRICA
Meeting or Conf.: 1982 Technical Conference on Climate in Africa, Geneva, Switzerland, 1982
Lang.: eng. Geneva: World Meteorological Organization. 1982. Series title: World Meteorological Organization. Doc. no. 596:p.286-292
Descriptor: weather * forecasting * forage production * rangelands * climate * meteorology
Geographical descriptor: Africa
- 2029 *Le Houerou, H.N.*
RAIN-USE EFFICIENCY: A UNIFYING CONCEPT IN ARID-LANDECOLOGY
Lang.: eng. 1984. Series title: Journal of Arid Environment. Vol.7:p.213-247
Descriptor: rain * runoff collection * water use efficiency * arid land * ecology * rainfed farming
- 2030 *Le Houerou, H.N.; Hoste, C.H.*
RANGELAND PRODUCTION AND ANNUAL RAINFALL RELATIONS IN THE MEDITERRANEAN BASIN AND IN THE AFRICAN SAHEL-SUDANIAN ZONE
Lang.: eng. 1977. Series title: Journal of Range Management. Vol.39(3):p.181-189
Descriptor: rangelands * productivity * range management * rainfall * models
Geographical descriptor: Mediterranean Basin * Sahel * Sudan * Africa
- 2031 *Le Houerou, H.N.*
RANGELANDS OF THE SAHEL
Lang.: eng. 1980. Series title: Journal of Range Management. Vol.33(1):p.41-46
Descriptor: rangelands * land use * livestock * land development * range management * productivity * regional surveys * savannas
Geographical descriptor: Sahel * Africa
- 2032 *Le Houerou, H.N.*
RECOVERY FROM DESERTIZATION
Lang.: eng. 1978. Series title: Development Digest. Vol.16(1):p.86-97
Descriptor: desertification * appropriate technology * political aspects * reclamation
- 2033 *Le Houerou, H.N.*
REHABILITATION OF DEGRADED ARID LANDS
Lang.: eng. 1976. Series title: Ecological Bulletins/NFR (Stockholm). Vol.24:p.189-204. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: arid land * desertification * reclamation * land use * social aspects * political aspects * conservation * water resources development * planning * environmental impact * migration
- 2034 *Le Houerou, H.N.*
THE ARID BIOCLIMATES IN THE MEDITERRANEAN ISOCLIMATIC ZONE
Lang.: eng. 1982. Series title: Ecologia Mediterranea. Vol.VIII(1-2):p.103-108
Descriptor: arid land * bioclimatology * isoclimates * ecology
Geographical descriptor: Mediterranean Region
- 2035 *Le Houerou, H.N.*
THE DESERT AND ARID ZONES OF NORTHERN AFRICA
Lang.: eng. 1986. p.101-147. Note: (In) Ecosystems of the World 12B. Hot Deserts and Arid Shrublands, B
Descriptor: deserts * arid land
Geographical descriptor: Africa * North Africa
- 2036 *Le Houerou, H.N.*
TUNISIA (REGIONAL STUDIES AND PROPOSALS FOR DEVELOPMENT)
Lang.: eng. 1976. Series title: Ecological Bulletin (Stockholm). Vol.24:p.127-136. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds), 241p
Descriptor: environmental surveys * history * desertification * overgrazing * animal damage * human population * clear cutting * cultivation
Geographical descriptor: Tunisia * Africa
- 2037 *Le Houerou, H.N. (ed.)*
INTERNATIONAL SYMPOSIUM ON BROWSE IN AFRICA, ADDIS ABABA, 8-12 APRIL 1980, PROGRAMME... AND SUMMARIES OF CONTRIBUTIONS
Meeting or Conf.: International Symposium on Browse in Africa, Addis Ababa, Apr. 8-12, 1980
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa (ILCA). 1980. 48p
Descriptor: browse * productivity * livestock * shrubs * forage * desertification * drought * food supply * wildlife * planning
Geographical descriptor: Sahel * Africa
- 2038 *Leblond, B.; Guesin, L.*
SOIL CONSERVATION: PROJECT DESIGN AND IMPLEMENTATION USING LABOUR INTENSIVE TECHNIQUES
Lang.: eng. Geneva: International Labour Office. 1983. vi, 206p. Note: Interregional Project for Implementation and Evaluation of Special Public Works Programmes
Descriptor: soil improvement * soil degradation * rainfall * wind erosion * soil classification * drainage
- 2039 *Lebon, J.H.G.*
THE NEW IRRIGATION ERA IN IRAQ
Lang.: eng. 1955. Series title: Economic Geography. Vol.31:p.47-59
Descriptor: irrigation
Geographical descriptor: Iraq * Middle East
- 2040 *Le Carpentier, C.; et al*
LA EROSION DE TIERRAS EN COLOMBIA: CON MAPA DE PROCESOS DINAMICOS
Lang.: spa. Bogota, Colombia: Colombia. Ministerio de Agricultura. Instituto Nacional de los Recursos Naturales Renovables y del Ambiente. 1977. 56p
Descriptor: soil degradation * erosion * desertification control * erosion control * environmental conservation * deforestation
Geographical descriptor: Colombia * South America
- 2041 *Leclercq, D.*
AMIDAR (NIGER): LA FERME-OASIS DES AGRICULTEURS DU DESERT (AMIDAR, NIGER) (The Farm-Oasis of Desert Farmers)
Lang.: fre. Dec. 15, 1986. Series title: Cultivar. Lille, France. Vol.203:p.12. ISSN 0045-9216
Descriptor: agriculture * oases * traditional farming * agricultural research * desertification * deserts
Geographical descriptor: Niger * Africa
- 2042 *Ledant, J.P.*
LA REDUCTION DE BIOMASSE EN AFRIQUE DE L'OUEST. APERCU PAR ZONE. PT.2 (The Reduction of the Vegetal Biomass in West Africa. Part 2: Situation by Zone)
Lang.: fre. 1985. Series title: Annales de Gembloux. Vol.91(2):p.111-123. ISSN 0303-9099
Descriptor: desertification * arid land * savannas * climatic change * reclamation * diversification * population density * climatic zones * environmental surveys * grasslands * land resources * natural disasters * natural resources * population dynamics * site factors * socioeconomic impacts * soil resources
Geographical descriptor: West Africa * Africa

- 2043 *Ledant, J.P.*
LA REDUCTION DE BIOMASSE VEGETALE EN AFRIQUE DE L'OUEST. PREMIERE PARTIE: APERÇU GENERAL (The Reduction of the Vegetal Biomass in West Africa. First Part: General Survey)
Lang.: fre. 1984. Series title: Annales de Gembloux. Vol.90(4):p.195-216. ISSN 0303-9099
Descriptor: biological production * desertification * arid land * climatic change * reclamation * diversification * population density * climatic zones * environmental surveys * land resources * natural disasters * natural resources * population dynamics * site factors * socioeconomic organization * soil resources
Geographical descriptor: West Africa * Africa
- 2044 *Lee, D.M.*
AUSTRALIAN DROUGHT WATCH SYSTEM.
Meeting or Conf.: Symposium on Drought in Botswana, Jun. 5-8, 1978, Gaborone, Proceedings
Lang.: eng. Worcester, MA: Botswana Society. Clark University Press. 1979. p.173-208
Descriptor: statistical analysis * forecasting * monitoring * drought * weather data * weather stations
Geographical descriptor: Australia
- 2045 *Lee, D.M.*
ON MONITORING RAINFALL DEFICIENCIES IN SEMIDESERT REGIONS
Lang.: eng. Kinsington, Australia: University of New South Wales, School of Geography. 1980. p.143-153. Note: (In) The Threatened Drylands: Regional and Systematic Studies of Desertification
Descriptor: rainfall * statistical analysis * climate models * drought
Geographical descriptor: Australia
- 2046 *Legras, D.*
DESERTIFICATION ET DEVITALISATION DE L'ESPACE RURAL EN COTE-D'OR: L'EXEMPLE DU CHATILLONNAIS (Desertification and the Decline of Rural Areas in the Cote-d'Or: The Example of Chatillonnais)
Lang.: fre. 1981. Series title: Bulletin de l'Association de Geographes Francais. Vol.1(477):p.116-124
Descriptor: rural depopulation * desertification
Geographical descriptor: France * Burgundy
- 2047 *Legris, P.; Meher Homji, V.M.*
BIOCLIMATOLOGY AND VEGETATION OF THE RAJASTHAN DESERT
Meeting or Conf.: Workshop on the problems of the deserts in India, Jaipur, India, Sep. 16-18, 1975
Lang.: eng. 1982. p.233-249. ISSN 0579-4706. Note: (In) Workshop on the Problems of the Deserts in India by S. Bhattacharya, K. Srinivasachari, K.D. Viswanatham, A. Prasad (eds.)
Descriptor: bioclimatology * vegetation * deserts * desert plants
Geographical descriptor: Rajasthan * India
- 2048 *Leibundgut, H.*
LES PROBLEMES SYLVICOLES DU REBOISEMENT EN REGIONS ARIDES. (Silvicultural Problems of Reforestation in Arid Regions)
Lang.: fre. 1955. Series title: Schweizerische Zeitschrift Fuer Forstwesen. Vol.106(6-7):p.356-366
Descriptor: arid land * soil moisture * reforestation * arid climate * alkalinity * toxicity * desiccation * erosion * trees * sites * limiting factors * row spacing * tangible benefits
- 2049 *Leigh, J.H.; Mulham, W.E.*
THE EFFECT OF DEFOLIATION ON THE PERSISTENCE OF ATRIPLEX VESICARIA
Lang.: eng. 1971. Series title: Australian Journal of Agricultural Research. Vol.22:p.239-244
Descriptor: Atriplex * shrubs * drought tolerance * reclamation * erosion control * animal damage * revegetation * forage * fodder plants
- 2050 *Leigh, J.H. (ed.); Noble, J.C. (ed.)*
PLANTS FOR SHEEP IN AUSTRALIA
Lang.: eng. Sydney: Angus and Robertson. 1972. 402p
Descriptor: sheep * forage * fodder plants
Geographical descriptor: Australia
- 2051 *Leistner, O.A.*
THE PLANT ECOLOGY OF THE SOUTHERN KALAHARI (AFRICA)
Lang.: eng. 1967. Series title: Botanical Survey of South Africa. Memoir. 38. 172p
Descriptor: plant ecology * geology * biogeography * aridisols * climate * history * exploration * plant life forms * desert survival * habitats * flowering * livestock * forage supply
Geographical descriptor: Kalahari Desert * South Africa * Africa
- 2052 *Leng, G.*
DESERTIFICATION: A BIBLIOGRAPHY WITH REGIONAL EMPHASIS ON AFRICA
Lang.: eng. Bremen, German Federal Republic: Universitat Bremen, Schwerpunkt Geographic. 1982. Series title: Fachbereich. No.1. 177p
Descriptor: desertification * bibliographies
Geographical descriptor: Africa
- 2053 *Leonard, H.J.*
DIVESTING NATURE'S CAPITAL: THE POLITICAL ECONOMY OF ENVIRONMENTAL ABUSE IN THE THIRD WORLD
Lang.: eng. 1985. 299p. ISBN 0-8419-0897-4
Descriptor: environmental policy * developing countries * economic development * resource conservation
- 2054 *Leone, G.*
ORIGIN AND RECLAMATION OF DUNES IN TRIPOLITANIA
Meeting or Conf.: Desert Research, International Symposium, Jerusalem, May 7-14, 1952, Proceedings
Lang.: eng. Jerusalem: Research Council of Israel. 1953. Vol.2:p.401-404. Note: Research Council of Israel Special Publication
Descriptor: dunes * land reclamation
Geographical descriptor: Libya * Tripolitania * Africa
- 2055 *Leont'yev, A.A.; Sabirov, M.K.; Kim, V.I.*
A NEW METHOD FOR FIXATION AND AFFORESTATION OF TECHNOGENIC SANDS
Lang.: rus. 1975. Series title: Lesnoye Khozyaystvo. Vol.10:p.57-58
Descriptor: sand * technogenic sands * sand control * afforestation
- 2056 *Leont'yev, A.A.; Sabirov, M.K.*
FIXATION AND AFFORESTATION OF THE SANDS ALONG THE TRACK OF THE BUKHARA-AMU DAR'YA GAS PIPELINE AND THE AMU DAR'YA-BUKHARA CANAL
Lang.: rus. Ashkhabad, Turkman SSR: Ylym. 1971. p.157-169. Note: (In) Prirodnyye usloviya i podvizhnyye peski pustyn (Desert Natural Conditions and Shifting Sands)
Descriptor: sand * sand control * afforestation * pipelines * canals * deserts
Geographical descriptor: Bukhara Amu Darya Pipeline * Amu Darya Bukhara Canal * USSR
- 2057 *Leont'yev, A.A.; Kim, V.I.*
NEW METHODS FOR SAND FIXATION AND AFFORESTATION
Lang.: rus. 1973. Series title: Nauchnyye Trudy Sredaznikh (Tashkent). Vol.15:p.32-46. Note: (In) Protective Forestry Growing on Sandy Territories in Central Asia
Descriptor: sand control * afforestation * forestry * petroleum * nerosine
Geographical descriptor: Central Asia

- 2058 *Leont'yev, A.A*
PESCHANYYE PUSTYNI SREDNEY AZII IKH
LESOMELIORTIVNOYBOSVOYENITE(The Sandy Deserts of
Central Asia and Their Forest Reclamation Development)
Lang.: rus. Tashkent Agricultural Institute. 1967. 84p. Note:
(Doctoral dissertation summary)
Descriptor: deserts * sand control * afforestation
Geographical descriptor: Central Asia
- 2059 *Leopold, A*
GRASS, BRUSH, TIMBER AND FIRE IN SOUTHERN
ARIZONA
Lang.: eng. 1924. Series title: Journal of Forestry.
Vol.22:p.1-10
Descriptor: grassland biome * desert grassland * vegetation
change * climax * plant succession * fire effects * grazing *
grasses * vegetal relationships * plant communities * plant
ecology * Ceanothus * Quercus * Arctostaphylos * Cercocarpus
* Juniperus * swerve
Geographical descriptor: Arizona
- 2060 *Leopold, L.B*
VEGETATION OF THE SOUTHWESTERN WATERSHEDS IN
THE NINETEENTH CENTURY
Lang.: eng. 1951. Series title: Geographical Review.
Vol.41:p.295-316
Descriptor: vegetation * natural reserves * history * watersheds
* vegetation change * regional geography * grazing * rangelands
* grasslands * biome * desert biome * range management *
expeditions
Geographical descriptor: Sonoran Desert * Southwestern U.S.
* Arizona * Gila River * San Pedro Valley
- 2061 *Leredde, C*
ETUDE ECOLOGIQUE ET PHYTOGEOGRAPHIQUE DU
TASSILI N'AJJER
Lang.: fre. Algeria: Institut de Recherches Sahariennes.
Mission Scientifique au Tassili N'Ajjer. 1957. Series title:
Institut de Recherches Sahariennes. Mission Scientifique au
Tassili N'Ajjer. Memoire (Alger). 2. 456p
Descriptor: phytogeography * ecology * relict vegetation
Geographical descriptor: Sahara * Algeria * Africa
- 2062 *Lericollais, A*
LA DESERTION DES TERROIRS DE LA VALLEE DU
SENEGAL (Desertification of Lands in the Senegal Valley)
Lang.: fre. 1985. Series title: Cahiers de la
Recherche-Developpement. No.6:p.14-16. Note: Summary
language: English, Spanish
Descriptor: drought * irrigation * desertification * meteorology
* rainfall * surveys
Geographical descriptor: Mali * Senegal * Africa
- 2063 *Leroi Gourhan, A*
POLLENS ET TERRASSES MARINES AULIBAN (Pollens and
Marine Terraces in Lebanon)
Lang.: fre. 1971. Series title: Quaternaria. Vol.15:p.249-260
Descriptor: pollen * terraces * geomorphology * marine geology
Geographical descriptor: Lebanon * Middle East
- 2064 *Leroux, M*
ALIZE OU MOUSSON? - NUMERO SPECIAL DE
CLIMATOLOGIE TROPICALE Travaux et Documents de
Geographie Tropicale, Numero Special de Climatologie
Tropicale
Lang.: fre. Bordeaux, France: Centre d'Etudes de Geographie
Tropicale. 1974
Descriptor: monsoons * trade winds * tropics
- 2065 *Leroux, M*
LA DYNAMIQUE DES PRECIPITATIONS EN AFRIQUE
OCCIDENTALE
Lang.: fre. Universite de Dakar. Faculte des Lettres et Sciences
Humaines. 1970. 282p. Note: Doctorate Thesis
Descriptor: rainfall * weather patterns * synoptic meteorology
Geographical descriptor: West Africa * Africa
- 2066 *Leroy Ladurie, E*
HISTOIRE DU CLIMAT DEPUIS L'ANMIL
Lang.: fre. Paris: Flammarion. 1967. 381p
Descriptor: climatic change * climate * history
- 2067 *Leser, H*
DAS FUNFTE 'BASLER GEOMETHODISCHE
COLLOQUIUM': OKOLOGISCHE ASPEKTE DER
DESERTIKATION UND DAS PROBLEM DER
WUSTENABGRENZUNG (The 5th BGC: Ecological Aspects of
Desertification and the Problem of Delimitation of Deserts)
Lang.: ger. 1980. Series title: Geomethodica,
Veroffentlichungen des Basler Geomethodischen Colloquiums.
Vol.5:p.5-16
Descriptor: ecology * desertification * deserts
- 2068 *Leser, H*
FAZIT ZUM BGC: 'OKOLOGISCHE ASPEKTE DER
DESERTIFIKATION UND DAS PROBLEM DER
WUSTENABGRENZUNG
Lang.: ger. 1980. Series title: Geomethodica,
Veroffentlichungen des Basler Geomethodischen Colloquiums.
Vol.5:p.165-171
Descriptor: ecology * desertification * desertline
- 2069 *Lesotho. SADCC. Coordination Unit*
LAND DEGRADATION AND DESERTIFICATION CONTROL
IN THE SADCC REGION
Lang.: eng. Lesotho: Coordination Unit, SADCC. 1986.
Series title: Report, SADCC Soil and Water Conservation and
Land Utilization Programme. No.5. 28p
Descriptor: desertification
Geographical descriptor: Southern Africa * Africa
- 2070 *Leuwers, A*
LE LEUCAENA: UN ESPOIR POUR L'AFRIQUE CONTRE LA
DESERTIFICATION ET CONTRE LA FAIM (Leucaena: Hope
for Africa Against Desertification and Hunger)
Lang.: fre. Aug. 1985. Series title: Afr. Agric. Paris.
Vol.120:p.18-20
Descriptor: leucaena * afforestation * plant establishment *
shelterbelts * desertification * arid land
Geographical descriptor: Africa
- 2071 *Levadnyuk, A.T.; Cherednichenko, V.P*
ON THE PROTECTION OF MAIN GAS PIPELINES FROM
WIND BLOWING
Lang.: eng. 1967. Series title: Problems of Desert Development.
No.1:p.56-60. Note: Translated from: Problemy Osvoeniya
Pustyn
Descriptor: pipelines * shelterbelts * wind protection
Geographical descriptor: USSR
- 2072 *Levadnyuk, A.T.; Senkevich, B.N*
PROTECTION FROM BLOWING SAND AT THE DAM OF
THE THIRD SECTION OF THE KARAKUM CANAL
Lang.: eng. 1968. Series title: Problems of Desert Development.
Vol.3:p.79-84. Note: Translated from: Problemy Osvoeniya
Pustyn
Descriptor: sand * wind protection * erosion control
Geographical descriptor: Karakum Canal * Turkmen SSR *
USSR
- 2073 *Levi, W.M*
THE DRY WINTER OF 1962-63: A SYNOPTIC ANALYSIS
Lang.: eng. 1963. Series title: Israel Exploration Journal.
Vol.13(3):p.229-241
Descriptor: precipitation deficit * winter rainfall *
meteorological data * storms * anticyclones * drought *
atmospheric circulation * solar radiation
Geographical descriptor: Mediterranean Basin * Israel * Libya
* USSR * Turkey * Lebanon * Egypt * Jordan * Middle East *
Africa

- 2074 *Levyns, M.R*
MIGRATIONS AND THE ORIGIN OF CAPE FLORA
Lang.: eng. 1964. Series title: Royal Society of South Africa. Transactions. Vol.37:p.85-107
Descriptor: vegetation change * phytogeography * climatic vegetal relationships
Geographical descriptor: Karroo * South Africa * Africa
- 2075 *Lewis, L.A.; Kamau, G*
LAND DEGRADATION MONITORING PROGRAMME OF THE NATIONAL ENVIRONMENT AND HUMAN SETTLEMENTS SECRETARIAT, MINISTRY OF ENVIRONMENT AND NATURAL RESOURCES, KIAMBU DISTRICT, KENYA: THE FIRST PILOT STUDY (PRELIMINARY REPORT)
Lang.: eng. Worcester, MA: Clark University. International Development Programme. 1982. 27p
Descriptor: soil degradation * rainfall * desertification control * erosion control * terraces
Geographical descriptor: Kenya
- 2076 *Lewis, N.E*
LEBANON: THE MOUNTAIN AND ITS TERRACES
Lang.: eng. 1953. Series title: Geographical Review. Vol.43:p.1-14
Descriptor: mountains * slopes * terraces * geomorphology
Geographical descriptor: Lebanon * Middle East
- 2077 *Lewis, N.E*
MALARIA, IRRIGATION AND SOIL EROSION IN CENTRAL SYRIA
Lang.: eng. 1949. Series title: Geographical Review. Vol.39:p.278-290
Descriptor: malaria * irrigation * soil erosion * human diseases
Geographical descriptor: Syria * Middle East
- 2078 *Lewis, N.E*
THE FRONTIER OF SETTLEMENT IN SYRIA, 1800-1950
Lang.: eng. 1955. Series title: International Affairs. Vol.31:p.48-60
Descriptor: settlements * history
Geographical descriptor: Syria * Middle East
- 2079 *Ihag, M.M*
STUDY OF DESERTIFICATION BASED UPON LANDSAT IMAGERY (NORTH KORDOFAN-SUDAN) (Een Studie van de Desertificatie Gebaseerd op Landsat Beelden - Noord Kordofan-Soedan)
Lang.: eng. Belgium: Rijksuniversiteit Gent. Faculteit van de Wetenschappen. 1984. 194p. Note: Thesis
Descriptor: climate * overcultivation * overgrazing * deforestation * forest fires * demography * soil classification * land management * shifting cultivation * remote sensing * cartography * wind erosion * water erosion * saline soils * Landsat
Geographical descriptor: North Kordofan * Sudan
- 2080 *Li, H.F*
A DISCUSSION ON THE PROBLEM OF DESERTIFICATION IN CHINA'S SEMI-ARID REGION-ORDOS
Meeting or Conf.: International Arid Lands Conference on Plant Resources, Lubbock, TX, Oct. 8-15, 1978
Lang.: eng. 1978. Note: A paper for the conference
Descriptor: desertification * overgrazing * dunes * soil stabilization * semiarid lands
Geographical descriptor: China * Ordos Region
- 2081 *Li, H.F*
THE GENESIS AND DEVELOPMENT OF STABILIZED SAND DUNE SOILS IN THE CENTRAL EASTERN PART OF THE MOYUSU DESERT OF THE ORDOS PLATEAU
Lang.: chi. 1965. Series title: Acta Pedologica Sinica. Vol.13:p.66-76
Descriptor: deserts * dunes * sand control * soil profiles * soil classification * vegetal relationships * sand
Geographical descriptor: China * Ordos Plateau * Moyusu Desert
- 2082 *Li, W.H*
THE VEGETATION IN TIBET OF CHINA AND ITS ECONOMIC SIGNIFICANCE
Meeting or Conf.: International Arid Lands Conference on Plant Resources, Lubbock, TX, Oct. 8-15, 1978
Lang.: eng. 1978. Note: A paper for the conference
Descriptor: cold deserts * botanical surveys * phytogeography * economical surveys
Geographical descriptor: China
- 2083 *Liao, Y.P*
LE CONTROLE DES DESERTS EN CHINE (The Control of Deserts in China)
Lang.: fre. 1964. Series title: Acta Geographica (Paris). Vol.51:p.18-20
Descriptor: reforestation * plant establishment * desertification
Geographical descriptor: Asia * China
- 2084 *Library of Congress. Science and Technology Division*
ENVIRONMENTAL PROFILE ON SYRIA
Lang.: eng. Doc. no.: PN-AAJ-625. Washington, DC: U.S. Library of Congress. Science and Technology Division. 1981. 89p
Descriptor: environmental surveys
Geographical descriptor: Syria * Middle East
- 2085 *Library of Congress. Science and Technology Division*
ENVIRONMENTAL REPORT JORDAN
Lang.: eng. Washington, D.C.: Library of Congress. Science and Technology Division. Aug. 1979. 88p
Descriptor: environmental surveys
Geographical descriptor: Jordan * Middle East
- 2086 *Library of Congress. Science and Technology Division*
ENVIRONMENTAL REPORT ON BOLIVIA
Lang.: eng. Doc. no.: PN-AAG-982. Washington, DC: U.S. Library of Congress. Science and Technology Division. 1979. 76p
Descriptor: environmental surveys
Geographical descriptor: Bolivia * South America
- 2087 *Library of Congress. Science and Technology Division*
ENVIRONMENTAL REPORT ON ECUADOR
Lang.: eng. Doc. no.: PN-AAJ-125. Washington, D.C.: U.S. Library of Congress. Science and Technology Division. 1979. 63p
Descriptor: environmental surveys
Geographical descriptor: Ecuador * South America
- 2088 *Library of Congress. Science and Technology Division*
ENVIRONMENTAL REPORT ON INDIA
Lang.: eng. Washington, DC: U.S. Library of Congress. Science and Technology Division. Mar. 1980. 167p
Descriptor: environmental surveys
Geographical descriptor: India
- 2089 *Library of Congress. Science and Technology Division*
ENVIRONMENTAL REPORT ON MAURITANIA
Lang.: eng. Doc. no.: PN-AAJ-977. Washington, D.C.: U.S. Library of Congress. Science and Technology Division. 1979. 43p
Descriptor: environmental surveys
Geographical descriptor: Mauritania * Africa
- 2090 *Lieth, H.; Seeliger, J.; Zimmerman, G*
DIE CO₂ FRAGE AUS GEOKOLOGISCHER UND ENERGIEWIRTLICHERSICHT (The CO₂ Question From the Geo-Ecologic and Energy-Economic Point of Views)
Lang.: ger. 1981. Series title: Naturwissenschaftliche Rundschau. Vol.34(9):p.392-393. ISSN 0028-1050
Descriptor: carbon dioxide * geoecology * energy * economy

- 2091 *Lin, Y.Z.; Chen, C.K.; Chen, C.T*
A DISCUSSION ON THE DIRECTION OF PRODUCTION DEVELOPMENT AND WAY OF HALTING THE PROCESS OF DESERTIFICATION IN THE MAOWUSU SAND LAND, O DOS PLATEAU - BASED ON THE SURVEY OF THE PHYSICAL CONDITIONS OF THE AREA (CHINA)
Lang.: chi. Peking, China: Peking University. Department of Geography. 1983. Series title: *Acta Geographica Sinica*. Vol.38(3):p.229-240
Descriptor: agricultural production * land development * desertification control * sandy soils
Geographical descriptor: O Dos Plateau * Maowusu Desert * China
- 2092 *Linear, M*
ZAPPING THE THIRD WORLD: THE DISASTER OF DEVELOPMENT AID
Lang.: eng. 1985. 242p
Descriptor: development aid * economic development * developing countries
- 2093 *Litvinenko, V.S*
POPULATION OF THE WORLD, SOCIETY AND DESERTIFICATION
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. Series title: *Problemy Osvoeniya Pustya*. 1978(3):p.64-73. ISSN 0032-9428
Descriptor: population pressure * environmental impact * United Nations
- 2094 *Litvinenko, V.S*
PRELIMINARY RESULTS OF ACTION TO REALIZE THE PLAN OF ACTION FOR COMBATING DESERTIFICATION
Lang.: eng. 1986. Series title: *Problems of Desert Development*. No.3:p.24-32. Note: Translated from: *Problemy Osvoeniya Pustyn* (1985) No.3:p.22-30
Descriptor: desertification control * developing countries * PACD * UNEP
- 2095 *Lloyd, J.W*
THE HYDROCHEMISTRY OF THE AQUIFERS OF NORTH EASTERN JORDAN
Lang.: eng. 1965. Series title: *Journal of Hydrology*. Vol.3:p.319-330
Descriptor: water chemistry * aquifers * groundwater
Geographical descriptor: Jordan * Middle East
- 2096 *Lobova, E.V*
SOME PECULIARITIES OF SOIL FORMATION IN ARID LANDS OF THE WORLD
Lang.: rus. 1981. Series title: *Problemy Osvoeniya Pustyn*. 1981(1):p.19-22. Note: Summary in English
Descriptor: soil formation * physico-chemical properties of soils
- 2097 *Loeffler, E*
UNTERSUCHUNG ZUM EISZEITLICHEN UND REZENTEN KLIMAGENETISCHEN FORMENSCHATZ IN DEN GEBIRGEN NORDOSTANATOLIENS (Research on the Ice Ages and Recent Climatogenetic Landforms in the Mountains of N.E. Anatolia)
Lang.: ger. 1970. Series title: *Heidelberger Geographische Arbeiten*. 27. 162p
Descriptor: Pleistocene epoch * paleoclimatology * snow cover * climatic zones * climate * mountains * geomorphology * glaciers * lichens * soil stability * landforms * slopes * soil erosion * animal damage * climatic geomorphology * terraces
Geographical descriptor: Turkey * Anatolia * Middle East
- 2098 *Loehle, C*
OPTIMAL STOCKING FOR SEMI-DESERT RANGE: A CATASTROPHETHEORY MODEL
Lang.: eng. Amsterdam, The Netherlands: Elsevier. Apr. 1985. Series title: *Ecological Modelling*. Vol.27(3-4):p.285-297. ISSN 0304-3800
Descriptor: rangelands * grazing systems * livestock * stocking rate * desertification * mathematical models * grasslands * semiarid lands
- 2099 *Lofchie, M.F*
POLITICAL AND ECONOMIC ORIGINS OF AFRICAN HUNGER
Lang.: eng. 1975. Series title: *Journal of Modern African Studies*. Vol.13(4):p.551-567
Descriptor: drought * political aspects * crop production * exports * economic impact * food supply
Geographical descriptor: Sahel * Africa
- 2100 *Logan, J.M*
EROSION PROBLEMS ON SALT AFFECTED SOILS
Lang.: eng. 1958. Series title: *New South Wales Soil Conservation Service, Journal*. Vol.14:p.220-242
Descriptor: salinity * saline soils * salts * soil erosion * runoff * gully erosion * sheet erosion * erosion control * mulching * leaching * grazing * fertilizers * halophytes * revegetation * gypsum
Geographical descriptor: Australia
- 2101 *Logan, R.F*
CAUSES, CLIMATES, AND DISTRIBUTION OF DESERTS
Lang.: eng. New York: Academic Press. 1968. p.21-50. Note: (In) *Desert Biology I* by G.W. Brown (ed.)
Descriptor: deserts * climatology * topography * orography * air circulation * air masses * fog deserts * cold deserts * climatic zones * desertification * temperature ranges
- 2102 *Logan, R.F*
LAND UTILIZATION IN THE ARID REGIONS OF SOUTHERN AFRICA II: South West Africa
Lang.: eng. Paris: UNESCO. 1961. Series title: *Arid Zone Research*. Vol.17:p.331-336. Note: (In) *A History of Land Use in Arid Regions* by L.D. Stamp (ed.)
Descriptor: overgrazing * carrying capacity * rainfall * drought * land use * plant invaders * brush control
Geographical descriptor: Southern Africa * Namibia * Africa
- 2103 *Logan, R.F*
POST-COLUMBIAN DEVELOPMENTS IN THE ARID REGIONS OF THE UNITED STATES OF AMERICA
Lang.: eng. Paris: UNESCO. 1961. Series title: *Arid Zone Research*. Vol.17:p.277-297
Descriptor: arid land * history * physical geography * cattle * sheep * irrigation * water law * water resources * agriculture * American Indians * urban areas
Geographical descriptor: Western U.S
- 2104 *Lomas, J*
FORECASTING WHEAT YIELDS FROM RAINFALL DATA IN IRAN
Lang.: eng. 1972. Series title: *World Meteorological Organization, Bulletin*. Vol.21:p.9-14
Descriptor: rainfall * weather data * crop response * crop production * Triticum * forecasting * yields
Geographical descriptor: Iran * Middle East
- 2105 *Lombardo, M.A.; De Carvalho, V.C*
PRELIMINARY ANALYSIS OF THE POTENTIAL OF LANDSAT IMAGERY TO STUDY DESERTIFICATION
Meeting or Conf.: International Symposium on Remote Sensing of Environment, 14th, Proceedings, San Jose, Costa Rica, Apr. 23-30, 1980
Lang.: eng. 1980. Vol.2:p.645-652
Descriptor: arid land * deserts * photointerpretation * satellite borne photography * vegetation * soil mapping * terrain analysis * Landsat * satellites * remote sensing
Geographical descriptor: Brazil * South America
- 2106 *Lomborinchen, R.L.; Dembereldorzh, G*
METEOROLOGICAL ASPECTS OF THE PROCESS OF DESERTIFICATION IN THE MONGOLIAN PEOPLES REPUBLIC
Lang.: eng. New York: Allerton Press. 1986. Series title: *Problems of Desert Development*. No.4:p.74-77. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: deserts * desertification * meteorology
Geographical descriptor: Mongolia

- 2107 *Long, C.A*
SIGNIFICANCE OF THE LATE PLEISTOCENE FAUNA FROM THE LITTLE BOX ELDER CAVE, WYOMING, TO STUDIES OF ZOOGEOGRAPHY OF RECENT MAMMALS
Lang.: eng. 1971. Series title: Great Basin Naturalist. Vol.31(2):p.93-105
Descriptor: Pleistocene epoch * fossil fauna * climatic change * animal distribution * zoogeography
Geographical descriptor: Wyoming * Western U.S
- 2108 *Long, G*
LA DESERTIFICATION AU PLAN MONDIAL ET DANS LA REGION MEDITERRANEENNE
Lang.: fre. Montpellier: C.N.R.S., Ecotheque Mediterranee. 1978. Series title: Document d'information sur les Zones Arides. 1. 26p
Descriptor: desertification
Geographical descriptor: Mediterranean Basin
- 2109 *Long, G.A*
CONTRIBUTION A L'ETUDE DE LA VEGETATION DE LA TUNISE CENTRALE Text et Carte/Tableaux
Lang.: fre. Service Botanique et Agronomique de Tunisie. 1954. Series title: Service Botanique et Agronomique de Tunisie. Annales. 27. 388p
Descriptor: plant communities * soil types * human activity * environmental impact * botanical surveys
Geographical descriptor: Tunisia * Africa
- 2110 *Long, G.A*
GRAZING PROBLEMS IN THE WESTERN DESERT OF EGYPT
Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1955. 37p
Descriptor: grazing effects * deserts
Geographical descriptor: Egypt * Africa
- 2111 *Long, G.A*
THE STUDY OF NATURAL VEGETATION AS A BASIS FOR PASTURE IMPROVEMENT IN THE WESTERN DESERT OF EGYPT
Lang.: eng. Cairo: Desert Institute. 1955. Series title: Desert Institute Bulletin (Cairo). Vol.5:p.18-48
Descriptor: pastures * vegetation * deserts
Geographical descriptor: Egypt * Africa
- 2112 *Longdon, N. (ed.); Levy, G. (ed.)*
SATELLITE REMOTE SENSING FOR DEVELOPING COUNTRIES: PROCEEDINGS OF AN EARSEL-ESA SYMPOSIUM
Lang.: eng. 1982. Note: (In) Satellite Remote Sensing for Developing Countries: Proceedings of an EARSEL-ESA Symposium (European Association of Remote Sensing Laboratories- European Space Agency)
Descriptor: satellite borne photography * remote sensing * developing countries
- 2113 *Lopez Cadenas, F*
EROSION: SITUACION MUNDIAL Y DEL MEDITERRANEO ANDALUZ (Erosion: Global Situation and the Andalusian Mediterranean)
Lang.: spa. 1982. p.21-27. ISBN 84-500-7572-6. Note: (In) La Erosion de los Suelos de Andalucia (Soil Erosion in Andalusia)
Descriptor: erosion * global surveys
Geographical descriptor: Andalusian * Mediterranean * Spain
- 2114 *Lopez Cadenas, F*
PROYECTO LUCDEME (LUCDEME Project)
Lang.: spa. Sep. 1983. Series title: The Instituto. Vol.41:p.99-114. ISSN 0185-2566
Descriptor: desertification control * natural resources * nature * conservation * Lucdeme Project
Geographical descriptor: Mediterranean Countries * Spain
- 2115 *Lopez, Ocaña C*
ZONAS ARIDAS Y DESERTIFICACION EN EL PERU. CLASIFICACION ZONAL DEL SUELO (Arid Zone and Desertification in Peru. Regional Classification of the Soil)
Lang.: spa. Jan.-Jun. 1982. Series title: Zonas Aridas. No.1:p.1-16. Note: Summary language: English
Descriptor: desertification * arid land * soil classification
Geographical descriptor: Peru * South America
- 2116 *Louis, A*
SEIDENTARISATION DES SEMI-NOMADES DU SUD TUNISIEN ET CHANGEMENTS CULTURELS
Lang.: fre. 1974. Series title: Maghreb. Documents Algerie, Maroc, Tunisie. Vol.65:p.55-61
Descriptor: nomads * settlements * social aspects * cultural geography * pastoralism
Geographical descriptor: Tunisia * Africa
- 2117 *Louw, W.J*
THE QUESTION OF DECLINING RAINFALL IN SOUTH AFRICA SINCE THE BEGINNING OF THE CENTURY
Lang.: eng. Pretoria: South Africa. Weather Bureau. 1965. Series title: South Africa. Weather Bureau. Nuusbrief-News Letter. Vol.197:p.127-130
Descriptor: rainfall * climatic data
Geographical descriptor: South Africa * Africa
- 2118 *Love, R.M*
THE RANGELANDS OF THE WESTERN U.S
Lang.: eng. 1970. Series title: Scientific American. Vol.222(2):p.88-96
Descriptor: deserts * rangelands * livestock * grazing * grasslands * semiarid climate * range management * brush control * water yield improvement * revegetation * desert plants * water conservation * land use * recreation * controlled burning * watershed management * transhumance * leaves * introduced species * grasses
Geographical descriptor: Southwestern U.S. * Rocky Mountain Region * Western U.S
- 2119 *Lovejoy, T.E*
CONSERVATION THE PROVINCE OF ALL NATIONS
Lang.: eng. Washington, D.C.: World Wildlife Fund. 1985. Series title: Bioscience. Vol.35(5):p.269
Descriptor: conservation * environmental policy
- 2120 *Lovett, J.V. (ed.)*
THE ENVIRONMENTAL, ECONOMIC AND SOCIAL SIGNIFICANCE OF DROUGHT
Lang.: eng. Sydney: Angus and Robertson. 1973. 318p
Descriptor: drought * economic impact * erosion * wind erosion * seasonality * soil erosion * soil types * environmental impact
- 2121 *Low, A*
AGRICULTURAL DEVELOPMENT IN SOUTHERN AFRICA: FARM-HOUSEHOLD ECONOMICS AND FOOD CRISIS
Lang.: eng. London, U.K.: James Currey. 1986. xiii, 217p
Descriptor: agricultural production * economic development * agricultural technology * food production * climate * fertilizers * rural development * land management
Geographical descriptor: Botswana * Swaziland * Lesotho * Africa
- 2122 *Lowdermilk, W.C*
MAN MADE DESERTS
Lang.: eng. 1935. Series title: Pacific Affairs. Vol.8(4):p.409-419
Descriptor: deserts * arid land * history * soil erosion * dust storms * social aspects * grazing * vegetation * vegetation effects * archaeology * animal damage * desertification * desiccation
- 2123 *Lowdermilk, W.C*
PALESTINE: LAND OF PROMISE
Lang.: eng. London, U.K.: Victor Gollancz. 1946. 167p
Descriptor: history * economic development * reclamation * social aspects * powerplants * agriculture * climate * regional geography * human population * dry farming * irrigation problems * erosion
Geographical descriptor: Palestine * Negev * Jordan Valley * Middle East

- 2124 *Lowdermilk, W.C.*
THE RECLAMATION OF A MAN-MADE DESERT
Lang.: eng. San Francisco, CA: W.H. Freeman and Company. 1960. p.219-227. Note: (In) Man and the Ecosphere (Readings from Scientific American)
Descriptor: reclamation * desertification * soil conservation * land reclamation * irrigation practices * plant establishment * wind action * temperature ranges
Geographical descriptor: Israel * Middle East
- 2125 *Lozato, J.P.*
LA DESERTIFICATION DE LA MOYENNE MONTAGNE CORSE: LES CANTONS DU BOZIO ET DU MERCURIO, UN EXEMPLE CARACTERISTIQUE DE LA SITUATION INTERNE DE L'ILE DEMOGRAPHIE, EXODE RURAL (The Desertification of Middle Mountainous Regions in Corsica: The Bozio and Mercurio Cantons, a Characteristic Example of the Island's Internal Situation Demography, Rural Exodus)
Lang.: fr. 1980. Series title: *Revue de Geographie Alpine*. Vol.68(3):p.223-235. ISSN 0035-1121. Note: Summary language: English
Descriptor: rural sociology * desertification * demography
Geographical descriptor: Corsica * Mediterranean * Europe
- 2126 *Lu, J.Z.*
CALCULATION AND PREDICTION OF SOIL MOISTURE EVAPOTRANSPIRATION AND DROUGHT OF FARM LANDS (translated title)
Lang.: chi. 1982. Series title: *Pei Ching Nung Yeh Ta Hsueh Hsueh Pao Acta Agric. Univ. Pekinensis*. Peking: The University. Vol.8(2):p.69-75
Descriptor: forecasting * soil moisture * evapotranspiration * drought * farm land * agriculture
- 2127 *Ludwig, J.A.*
PRIMARY PRODUCTIVITY IN ARID LANDS MYTHS AND REALITIES
Lang.: eng. 1987. Series title: *Journal of Arid Environments*. Vol.13(1):p.1-8
Descriptor: productivity * arid land
- 2128 *Ludwig, J.R.; McGinnies, W.J.*
REVEGETATION TRIALS ON A SALT GRASS MEADOW
Lang.: eng. 1978. Series title: *Journal of Range Management*. Vol.31(4):p.308-311
Descriptor: Distichlis * revegetation * range management * forage production * *Agropyron desertorum* * rangelands
Geographical descriptor: Colorado
- 2129 *Luk, S.H.*
RECENT TRENDS OF DESERTIFICATION IN THE MAOWUSU DESERT, CHINA
Lang.: eng. 1983. Series title: *Environmental Conservation*. Vol.10(3):p.213-224
Descriptor: soil fertility * desertification
Geographical descriptor: Maowusu Desert * Inner Mongolia * Shaanxi Province * China
- 2130 *Luk, S.H.; Kalinauskas, A.*
SATELLITE MONITORING OF RECENT DESERTIFICATION IN THE YULIN REGION THE PEOPLE'S REPUBLIC OF CHINA
Meeting or Conf.: International Symposium on Remote Sensing of Environment, Proceedings, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. 1982. Note: (In) Remote Sensing of Arid and Semi-Arid Lands
Descriptor: deserts * Landsat * satellites * thematic mapping * aerial photography * ground truth * image processing * land use * vegetation * remote sensing
Geographical descriptor: China * Yulin Region
- 2131 *Luker, C.*
CONSEQUENCES OF USING ARID LANDS BEYOND THEIR CAPABILITIES
Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1956. p.226-232. Note: (In) The Future of Arid Lands by G.F. White (ed.)
Descriptor: land use * overgrazing * desertification
- 2132 *Lukose, N.G.*
PALYNOLOGICAL EVIDENCE ON PALEOCLIMATE OF JAISALMER BASIN AND DESERTIFICATION OF THAR DESERT
Lang.: eng. 1977. Series title: *Annals of Arid Zone*. Vol.16(3):p.342-348
Descriptor: palynology * desertification * paleoclimatology * geologic time * Cretaceous period * tertiary period * climatic geomorphology
Geographical descriptor: Thar Desert * India * Rajasthan
- 2133 *Lundholm, B.*
ADAPTATIONS IN ARID ECOSYSTEMS
Lang.: eng. 1976. Series title: *Ecological Bulletins/NFR*. (Stockholm). Vol.24:p.19-28. 241p. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.)
Descriptor: arid land * ecosystems * adaptation * desertification * human population * biomass * productivity * erosion
- 2134 *Lundholm, B.*
DOMESTIC ANIMALS IN ARID ECOSYSTEMS
Lang.: eng. 1976. Series title: *Ecological Bulletins/NFR*. (Stockholm). Vol.24:p.29-42. 241p. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N. Le Houerou and B. Lundholm (eds.)
Descriptor: domestic animals * arid land * ecosystems * sheep * goats * livestock * camels * donkeys * overgrazing * carrying capacity * animal damage * semiarid climate * wildlife * range management
Geographical descriptor: Africa * Middle East
- 2135 *Lundholm, B.*
ECOLOGY AND DUST TRANSPORT
Lang.: eng. 1979. Series title: *Scope*. No.14:p.61-68. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * climate * rainfall
Geographical descriptor: Sahel * Africa
- 2136 *Luoma, J.R.*
DISCOURAGING WORDS
Lang.: eng. Sep. 1986. Series title: *Audubon*. Vol.88(5):p.86
Descriptor: desertification
- 2137 *Lusigi, W.J.; Glaser, G.*
DESERTIFICATION AND NOMADISM: A PILOT APPROACH IN EASTERN AFRICA
Lang.: eng. 1984. Series title: *Nature and Resources*. Vol.20(1):p.21-31
Descriptor: desertification * nomads * IPAL * pastoralism
Geographical descriptor: Kenya * Africa
- 2138 *Lusigi, W.J.; Glaser, G.*
COMBATING DESERTIFICATION AND REHABILITATING DEGRADED PRODUCTION SYSTEMS IN NORTHERN KENYA: THE IPAL PROJECT
Lang.: eng. 1984. Series title: *Desertification Control Bulletin*. No.10:p.29-36. p.274-287. Note: Summary language: French; (In) Ecology in Practice. Part 1: Ecosystem Management by F. di Castri, F.W.G. Baker and M. Hadley (eds.)
Descriptor: IPAL * ecology * land types * rangelands * reclamation
Geographical descriptor: Kenya * Africa
- 2139 *Luti, R.*
ESTADO ACTUAL Y RECUPERACION NATURAL DE LA VEGETACION DE LAS ZONAS ARIDAS Y SEMIARIDAS (Present state and Natural Recuperation of Vegetation in the Arid and Semiarid Zones)
Lang.: spa. 1967. Series title: *Idia Suplemento (Buenos Aires)*. Vol.19:p.64
Descriptor: vegetation * revegetation * arid land * semiarid lands

- 2140 **Lydolph, P.E**
A COMPARATIVE ANALYSIS OF THE DRY WESTERN LITTORALS
Lang.: eng. Washington, D.C.: Association of American Geographers. 1957. Series title: Association of American Geographers. Annals. Vol.47:p.213-230
Descriptor: beaches * coastal deserts * climatology * peruvian current * Benguela Current * atmospheric pressure * anticyclones * atmospheric circulation * water temperature * temperature inversion * meteorological data * atmospheric precipitation
Geographical descriptor: Kalahari Desert * Australia * Sechura Desert * South America * North America * Africa
- 2141 **Lyles, L**
PREDICTING AND CONTROLLING WIND EROSION
Lang.: eng. Berkeley, CA: University of California Press. Apr. 1985. Series title: Agricultural History. Vol.59(2):p.205-214
Descriptor: history * wind erosion * drought * soil structure * shelterbelts * cultivation
- 2142 **Lynch, A.M**
CUARENTA ANOS DE PLUVIOMETRIA (ESTUDIO DEL TIEMPO)(Forty years of Pluviometry, Study of the Weather)
Lang.: spa. 1964. Series title: Sociedad Geografica de Lima, Boletin. Vol.83:p.61-64
Descriptor: weather stations * meteorology * weather data * rainfall intensity * pluviometry
- 2143 **Maartensson, U**
SUIVIE DE L'EROSION EOLIENNE ET HYDRIQUE DANS LE GOUVERNORAT SIDI BOU ZID(Fight against Desertification on the Gammouda Plain and the Hichria Region in the Gouvernorat of Sidi Bou Zid. Field Research with Special Focus on Wind and Water Erosion. Report from a Minor Field Study)
Lang.: fre. Uppsala, Sweden: Sveriges Lantbruksuniv. 1986. 37p. Note: Summary language: English
Descriptor: desertification * wind erosion * water erosion * soil conservation * injurious factors * natural disasters * resource conservation * soil management
Geographical descriptor: Gammouda Plain * Hichria Region * Sidi Bou Zid * Tunisia * Francophone Africa * Africa
- 2144 **Maathai, W**
AFFORESTATION AND PUBLIC PARTICIPATION: THE CASE OF THE GREEN BELT MOVEMENT
Meeting or Conf.: Bioenergy 84, Goteborg, Sweden, Jun. 15-21, 1984, Proceedings of Conference. Vol. V
Lang.: eng. Barking, England, UK: Elsevier Applied Science Publishers. 1984. 177-185p. Note: (In) Bioenergy in Developing Countries by H. Egneus, A. Ellegard, P. O'Keefe, et al (eds.)
Descriptor: afforestation * community forestry * organizations * bioenergy * social participation
Geographical descriptor: Kenya * Africa
- 2145 **Mabbatt, J.A**
A NEW GLOBAL ASSESSMENT OF THE STATUS AND TRENDS OF DESERTIFICATION
Lang.: eng. 1984. Series title: Environmental Conservation. Vol.11(2):p.100-113
Descriptor: global strategy * environmental impact * desertification * trends * land use
- 2146 **Mabbatt, J.A**
ACTION PLAN TO COMBAT DESERTIFICATION
Lang.: eng. 1978. Series title: Geographical Magazine. Vol.50(8):p.551-553
Descriptor: desertification control * planning * hazards * maps * political aspects * social aspects * land management * human population
- 2147 **Mabbatt, J.A**
CLIMATIC AND ECOLOGICAL ASPECTS OF DESERTIFICATION
Lang.: eng. 1977. Series title: Nature and Resources. Vol.8(2):p.3-9
Descriptor: desertification * environmental impact * drought * weather forecasting * ecology * reclamation * climatic change
- 2148 **Mabbatt, J.A**
DEGRADATION OF LAND SURFACES IN ARID AUSTRALIA
Lang.: eng. 1961. Series title: CSIRO. Technical Memorandum. 61/8
Descriptor: land degradation * desertification
Geographical descriptor: Australia
- 2149 **Mabbatt, J.A**
DESERTIFICATION AND THE FUTURE OF THE ARID LANDS
Lang.: eng. 1979. Series title: Australian Geographer. Vol.14:p.141-150
Descriptor: desertification * ecosystems * drought * environmental impact * limiting factors * arid land
Geographical descriptor: Australia
- 2150 **Mabbatt, J.A**
DESERTIFICATION IN AUSTRALIA
Lang.: eng. 1978. Series title: Water Research Foundation of Australia, Report. 54. 127p
Descriptor: desertification * overgrazing * carrying capacity * range management * settlements * salinity * saline soils * saline water * saturated soils * irrigation effects * recreation * social aspects * urban areas * building design * planning * dry farming * salts * halophytes * clear cutting * drought
Geographical descriptor: Australia
- 2151 **Mabbatt, J.A**
DESERTIFICATION IN AUSTRALIA
Lang.: eng. 1986. p.101-109. Note: (In) Arid Land Development and the Combat Against Desertification: An Integrated Approach by M.H. Glantz (ed.)
Descriptor: arid land * desertification * land types * land development * history * soil salinity * irrigation
Geographical descriptor: Australia
- 2152 **Mabbatt, J.A**
DESERTIFICATION INDICATORS
Lang.: eng. Dordrecht, The Netherlands: D. Reidel. Aug.-Oct. 1986. Vol.9(1-2):p.113-122. ISSN 0165-0009
Descriptor: desertification * monitoring * land use * vegetation * soils * human activity
- 2153 **Mabbatt, J.A**
DESERTIFICATION OF AUSTRALIA IN ITS GLOBAL CONTEXT
Lang.: eng. 1978. Series title: Search. Vol.9(7):p.252-256
Descriptor: desertification * land use * drought * rangelands * dry farming * irrigation * environmental impact
Geographical descriptor: Australia
- 2154 **Mabbatt, J.A**
DESERTIFICATION OF THE WORLD'S RANGELANDS
Lang.: eng. 1985. Series title: Desertification Control Bulletin. No.12:p.1-11
Descriptor: desertification * rangelands * land types
- 2155 **Mabbatt, J.A.; Floret, C**
ETUDES DE CAS SUR LA DESERTIFICATION(Case Studies on Desertification)
Lang.: fre. 1983. 291p. ISBN 92-3-201820-9
Descriptor: desertification * case studies
- 2156 **Mabbatt, J.A**
IMPACT OF DESERTIFICATION AS REVEALED BY MAPPING
Lang.: eng. 1978. Series title: Environmental Conservation. Vol.5(1):p.45-56
Descriptor: desertification * mapping * hazards * climatic data * aridity index * drought * statistical analysis * bioclimatology * land use

- 2157 *Mabbutt, J.A.*
IMPLEMENTATION OF THE PLAN OF ACTION TO COMBAT DESERTIFICATION- PROGRESS SINCE UNCOD
Lang.: eng. New South Wales, Australia: University of New South Wales. Department of Geography. 1987. Series title: Land Use Policy. Vol.4(4):p.371-388
Descriptor: desertification control * UNCOD * environmental policy
- 2158 *Mabbutt, J.A.*
PERSPECTIVES ON DESERTIFICATION
Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.429-432
Descriptor: desertification * productivity * drought * regional surveys * dry farming * synoptic analysis
- 2159 *Mabbutt, J.A.*
PROBLEMS IN THE CLIMATE GEOMORPHOLOGY OF ARID LANDS
Lang.: eng. 1969. Series title: Annals of Arid Zone. Vol.8(2):p.209-224
Descriptor: weathering * arid land * climatic zones * semiarid climate * sand * rainfall * geology * eolian soils * wind erosion * paleoclimatology * deserts * dunes * climatic geomorphology * landforms * climatic change
- 2160 *Mabbutt, J.A.*
PROBLEMS OF DEVELOPMENT AND TECHNOLOGY TRANSFER IN THE WORLD'S DRYLANDS
Lang.: eng. Jodhpur, India: Scientific Publishers. 1980. p.459-468. Note: (In) Arid Zone Research and Development by H.S. Mann (ed.)
Descriptor: desertification control * planning * development * environmental policy
- 2161 *Mabbutt, J.A.*
RISKS OF DESERTIFICATION IN DRY-FARMING AREAS WATERMANAGEMENT, AUSTRALIA
Lang.: eng. Sep. 1982. Series title: Living Earth. Vol.23(4):p.7,9,11
Descriptor: deserts * dry farming * desertification * water management
Geographical descriptor: Australia
- 2162 *Mabbutt, J.A. (ed.); Floret, C. (ed.)*
CASE STUDIES ON DESERTIFICATION
Lang.: eng. Paris: UNESCO. Natural Resources Research. 1980. 279p. ISBN 92-3-101820-5
Descriptor: soil fertility * desertification * case studies
Geographical descriptor: Tunisia * Chile * Niger * India * Iraq * Pakistan * Australia * China * Iran * Israel * USSR
- 2163 *Mabbutt, J.A. (ed.)*
KHARTOUM WORKSHOP ON ARID LANDS MANAGEMENT, UNIVERSITY OF KHARTOUM/UNITED NATIONS UNIVERSITY, 22-26 OCTOBER 1978, PROCEEDINGS
Meeting or Conf.: Khartoum Workshop on Arid Lands Management, University of Khartoum, United Nations University, Oct. 22-26, 1978
Lang.: eng. Tokyo: United Nations University. 1979. 97p
Descriptor: desertification * land management * planning * extension * nomads * soil salinity * wildlife * dry farming * pastoralism
Geographical descriptor: Sudan * Darfur * Sahel * Africa
- 2164 *Mabbutt, J.A. (ed.); Wilson, A.W. (ed.)*
SOCIAL AND ENVIRONMENTAL ASPECTS OF DESERTIFICATION PROCEEDINGS
Meeting or Conf.: International Geographical Union Working Group on Desertification in and Around Arid Lands, with the Arid Lands Sub-programme of the United Nations, Natural Resources Programme, Jan. 3-8, 1979, Tucson, AZ
Lang.: eng. Tokyo: United Nations University. 1980. 40p
Descriptor: desertification * social aspects * pastoralism * wind action * regional surveys * climatology
- 2165 *MacDougal, D.T.*
THE COURSE OF THE VEGETATIVE SEASONS IN SOUTHERN ARIZONA
Lang.: eng. 1908. Series title: Plant World. Vol.11(9, 10, 11, 12):p.189-201p.217-231,p.237-249,p.261-270
Descriptor: climatic vegetal relationships * climatic change * xerophytes * desert plants * plant ecology * seasonality * adaptation * winter precipitation * summer precipitation * annuals * perennials * ephemerals * Cactaceae * phenology * flowering * summer ephemerals * winter ephemerals * desert biomes
Geographical descriptor: Tumamoc Hill * Sonoran Desert * Arizona * Southwestern U.S.
- 2166 *MacGregor, M.T.G.; Valverde, C.V.*
EVOLUTION OF THE URBAN POPULATION IN THE ARID ZONES OF MEXICO, 1900-1970
Lang.: eng. 1975. Series title: Geographical Review. Vol.65(2):p.214-228
Descriptor: urban planning * urban areas * population pressure * political aspects * demography * arid land
Geographical descriptor: Mexico
- 2167 *Madeley, J.*
FIGHTING THE DESERT PROFITABLY: JOJOBA'S POTENTIAL
Lang.: eng. 1982. Series title: Mazingira. Vol.6(2):p.50
Descriptor: deserts * desert plants * *Simmondsia chinensis*
- 2168 *Madeley, J.*
HEDGING AGAINST DESERTIFICATION - 1ST INTER-REGIONAL SEMINAR ON JOJOBA, 21-27 FEBRUARY 1982, KHARDOUM, SUDAN
Lang.: eng. 1982. Series title: Food Policy. Vol.7(3):p.266-267
Descriptor: desertification control * *Simmondsia chinensis*
Geographical descriptor: Khartoum * Sudan * Africa
- 2169 *Madon, G.*
CAUSES SOCIALES ET POLITIQUES DE LA DEFORESTATION EN MILIEU TROPICAL (Social and Political Causes of Deforestation in Tropical Environments)
Lang.: fre. Jan.-Mar. 1986. Series title: Bois de Feu Informations. No.16:p.21-22. ISSN 0766-5474
Descriptor: forests * desertification * silviculture * agropastoral systems * resource conservation * rural sociology * agroforestry * natural disasters
Geographical descriptor: Sahel * Africa
- 2170 *Mageed, Y.A.*
ANTI DESERTIFICATION TECHNOLOGY AND MANAGEMENT-ASSESSMENT OF WATER RESOURCES IN ARID AND SEMI-ARID REGIONS, AN OVERVIEW
Lang.: eng. 1985? 53p. Note: Unpublished report. Copy to be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: deserts * marginal lands * water resources * water management * desertification control * erosion control * water supply * rainfall * climate
- 2171 *Magymov, A.*
ASSESSMENT OF PASTURELANDS IN THE SOYUNAGSAKSKIY LANDSCAPE (SOUTHWESTERN TURKMENISTAN)
Lang.: eng. 1975. Series title: Problems of Desert Development. Vol.2:p.42-45. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: pastures * rangelands * land evaluation
Geographical descriptor: Turkmen SSR * USSR
- 2172 *Mahar, D.J. (ed.)*
RAPID POPULATION GROWTH AND HUMAN CARRYING CAPACITY: TWO PERSPECTIVES
Lang.: eng. Washington, D.C.: World Bank. 1985. Series title: World Bank Staff Working Papers. 115p. ISBN 0-8213-0489-5
Descriptor: demography * population pressure * population growth * trends

- 2173 *Mahout, J.; Dommergues, Y*
LA FIXATION PAR LE REBOISEMENT DES DUNES DE LA PRESQU'ILE DU CAP VERT ET L'EVOLUTION BIOLOGIQUE DES SOLS
Lang.: fr. 1959. Series title: Bois et Forêts des Tropiques. Vol.63:p.3-16
Descriptor: reforestation * dunes * soil formation * soil stabilization
Geographical descriptor: West Africa * Africa
- 2174 *Mahgoub, S.M*
LAND POLICY AND SETTLEMENT IN SUDAN
Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1967. p.175-188. Note: (In) Land Policy in the Near East by M.R. El-Ghonyemy (ed.)
Descriptor: nomads * economic development * social aspects * political aspects * settlements * land policy * pastoralism
Geographical descriptor: Sudan * Africa
- 2175 *Mahhouk, A*
RECENT AGRICULTURAL DEVELOPMENT AND BEDOUIN SETTLEMENT IN SYRIA
Lang.: eng. 1956. Series title: Middle East Journal. Vol.10:p.167-176
Descriptor: nomads * settlements * agricultural development * social organization * pastoralism
Geographical descriptor: Syria * Middle East
- 2176 *Mailloux, M*
LA DESERTIFICATION, DESTRUCTION DE LA FORET, SALINISATION DES TERRES, ASSECHÈMENT DES ZONES HUMIDES, EROSION DU SOL, LUTTE (Desertification, Destruction of the Forest, Land Salination, Drying-out of Humid Zones, Soil Erosion, Control)
Lang.: fr. Jan-Feb 1983. Series title: Forêt Privée. No.149:p.71-82. ISSN 0153-0216
Descriptor: plant protection * desertification * afforestation * salinization * soil erosion * soil reclamation
- 2177 *Mainguet, M.; Callot, Y*
AIR PHOTO STUDY OF TOPOLOGY AND INTERRELATIONS BETWEEN THE TEXTURE AND STRUCTURE OF DUNE PATTERNS IN THE FACHI-BILMA ERG, SAHARA
Lang.: eng. 1974. Series title: Zeitschrift fuer Geomorphologie. Vol.20:p.62-68
Descriptor: aerial photography * dunes * ergs * dunes
Geographical descriptor: Sahara * Niger * Africa
- 2178 *Mainguet, M.; Chemin, M.C.; Mozet, M.P*
ANALYSE DES CAUSES DE LA DESERTIFICATION DUE AU VENT DANS LES OASIS DU SUD MAROCAIN (Analysis of the Causes of Desertification by Wind in the Southern Moroccan Oases)
Lang.: fr. 1983. p.111-120. ISSN 0396-9657. Note: (In) Hommage à René Raynal; II, Milieux Naturels et Espaces Humains Autour de la Méditerranée, (Homage to René Raynal; II, Natural Environments and Human ecology around the Mediterranean)
Descriptor: desertification * winds * oases
Geographical descriptor: Morocco * Africa
- 2179 *Mainguet, M*
ANALYSE QUANTITATIVE DE L'EXTREMITE SAHÉLIENNE DU COURANT ÉOLIEN TRANSPORTEUR DE SABLE AU SAHARA NIGÉRIEN
Lang.: fr. 1977. Series title: Académie des Sciences, Paris, Ser. D., Sciences Naturelles. Vol.285:p.1029
Descriptor: wind action * eolian soils * particle size * particle shape * sand
Geographical descriptor: Niger * Sahel * Africa
- 2180 *Mainguet, M.; Guy, M*
APPORT DES IMAGES PAR SATELLITES MÉTÉOROLOGIQUES NOAA3 DANS L'OBSERVATION DES GRANDS COURANTS DE MATÉRIELS ÉOLIENS, ET DANS LES RELATIONS DE DÉPENDANCE DES ERGS AU SAHARA
Lang.: fr. 1974. Series title: Photo-Interpretation. Vol.4(1-6):p.23-52
Descriptor: ergs * remote sensing * satellites * synoptic meteorology * landforms
Geographical descriptor: Sahara * Africa
- 2181 *Mainguet, M*
DESERTIFICATION ET CRISE DES OASIS. DÉFINITION DES TRAUMATISMES POUR UN TRAITEMENT APPROPRIÉ (Desertification and Crisis of Oases: Definition of Traumatism for an Inadequate Treatment)
Meeting or Conf.: Séminaire sur la Gestion des Terres Arides en Afrique de l'Ouest, Ouagadougou, Upper Volta, 26 Jan 1981
Lang.: fr. Tokyo: Université des Nations Unies. 1982. UNUP-421. p.38-39. ISBN 92-808-0421-9. Note: (In) Proceedings of the Seminar on Arid Zone Management in West Africa. Report by J. Gallais (ed.)
Descriptor: plant protection * soil erosion * soil reclamation * desertification * oases
Geographical descriptor: Africa
- 2182 *Mainguet, M*
DESERTIFICATION IN ARID REGIONS AND ON THEIR EDGES
Meeting or Conf.: Le 24ème Congrès International de Géographie (The 24th International Geographical Congress), Tokyo, Août-Septembre 1980, Compte Rendus
Lang.: fr. Paris: Armand Colin. Nov.-Dec. 1981. Series title: Annales de Géographie. Vol.90(502):p.720-724
Descriptor: plant protection * meteorology * climatology * soil erosion * soil reclamation * desertification
- 2183 *Mainguet, M*
DUNES ET AUTRES ÉDIFICES SABLEUX ÉOLIENS... RECHERCHES BIBLIOGRAPHIQUES
Lang.: fr. Reims, France: Université de Reims, Laboratoire de Géographie Physique et Zonale. 1978. 344p
Descriptor: dunes * eolian soils * wind action * paleoclimatology * desertification * cold deserts * aridisols * coastal areas * beaches * coastal deserts * relict landforms * abrasions * bibliographies
- 2184 *Mainguet, M*
ÉTUDE COMPARÉE DES ERGS, À L'ÉCHELLE CONTINENTALE (SAHARA ET DÉSERTS D'Australie)
Lang.: fr. Paris: Association de Géographes Français. 1975. Series title: Association de Géographes Français. Bulletin. Vol.424-425:p.135-140
Descriptor: ergs * wind action * dunes * paleoclimatology
Geographical descriptor: Sahara * Australia * Africa
- 2185 *Mainguet, M*
ÉTUDE D'UN ERG (FACHI-BILMA, SAHARA CENTRAL). SON ALIMENTATION SABLEUSE ET SON INSERTION DANS LE PAYSAGE D'APRÈS LES PHOTOGRAPHIES PRISES PAR SATELLITES
Lang.: fr. Paris: Académie des Sciences. 1972. Series title: Académie des Sciences. Comptes Rendus. Vol.274D:p.1633-1636
Descriptor: remote sensing * ergs * spaceborne photography
Geographical descriptor: Niger * Sahara * Africa
- 2186 *Mainguet, M*
ÉTUDES GÉODYNAMIQUE DE L'EFFET D'OBSTACLES TOPOGRAPHIQUES DANS LE TRANSPORT ÉOLIEN. RESULTATS OBTENUS À L'AIDE D'IMAGES AÉRIENNES ET SATELLITES AU SAHARA
Lang.: fr. 1977. Series title: Société Française de Photogrammétrie, Bulletin. Vol.61:p.31-38
Descriptor: satellites * remote sensing * aerial photography * wind action * quantitative geomorphology * orography
Geographical descriptor: Sahara * Africa

- 2187 *Maignet, M*
IMAGES SATELLITES ET MORPHOLOGIE DES ZONES ARIDES ET MORPHOLOGIE DES ZONES ARIDES ET SAHELIENNES
Lang.: fre. Stasbourg: Centre de Perfectionnement, Depulp. 1978
Descriptor: remote sensing * satellites * spaceborne photography * topographic
Geographical descriptor: Sahel * Africa
- 2188 *Maignet, M.; Callot, Y*
L'ERG DE FACHI-BILMA (TCHAD-NIGER). CONTRIBUTION A LA CONNAISSANCE DE LA DYNAMIQUE DES ERGS ET DES DUNES DES ZONES ARIDES CHAUDES
Lang.: fre. 1978. Series title: Centre National de la Recherche Scientifique, Memoires et Documents. 18. 184p
Descriptor: ergs * dunes * eolian soils * sand * particle size * seif dunes * wind action * aridisols
Geographical descriptor: Chad * Niger * Sahara * Africa
- 2189 *Maignet, M*
L'INTERDEPENDANCE DES MECHANISMES EOLIENS DANS LES ZONES ARIDES DU SAHARA ET DANS LEURS MARGES SAHELIENNES; SES EFFETS SUR LA PROPAGATION DE LA DESERTIFICATION (Interdependence of Aeolian Mechanisms in the Arid Zones of the Sahara and the Borders of the Sahel, and the Consequences for the Propagation of Desertification)
Lang.: fre. 1980. Series title: Stuttgarter Geographische Studien. Vol.95:p.107-123. Note: (In) Desertification in Extremely Arid Environments by C.H. Meckelein (ed.). Summary languages: French, German
Descriptor: desertification * eolian processes * sand
Geographical descriptor: Africa * Sahel * Sahara
- 2190 *Maignet, M*
LE BORKOU, ASPECTS D'UN MODELE EOLIEN (The Borkou, Aspects of an Eolian Relief)
Lang.: fre. 1968. Series title: Annales de Geographie. Vol.77(421):p.296-322
Descriptor: basins * wind action * eolian soils * geomorphology * sedimentation
Geographical descriptor: Sahara * Chad * Africa
- 2191 *Maignet, M.; Callot, Y.; Guy, M*
LES DUNES DANS L'ERG DE FACHI-BILMA: CLASSEMENT TAXONOMIQUE. DIAGNOSTIC DU SENS ET DE LA DIRECTION DU VENT
Lang.: fre. 1974. Series title: Photo-Interpretation. Vol.1(1-5):p.1-37; Vol.2(1-7):p.1-51
Descriptor: dunes * ergs * wind action * soil classification * photography
Geographical descriptor: Niger * Africa
- 2192 *Maignet, M*
PROPOSITIONS POUR UNE NOUVELLE CLASSIFICATION DES EDIFICES SABLEUX EOLIENS D'APRES LES IMAGES DES SATELLITES LANDSAT I, GEMINI, NOAA 3
Lang.: fre. 1976. Series title: Zeitschrift F. Geomorphologie, N.F. Vol.20(3):p.275-296
Descriptor: satellites * sand * eolian soils * dunes * barchans * seif dunes * wind action * remote sensing * geomorphology * quantitative geomorphology * measurement
- 2193 *Maignet, M.; Chemin, M.C*
SAND SEAS OF THE SAHARA AND THE SAHEL: AN EXPLANATION OF THEIR THICKNESS AND SAND DUNE TYPE BY THE SAND BUDGET PRINCIPLE
Lang.: eng. 1983. Series title: Dev. Sedimentol (Amsterdam). Vol.38:p.353-363
Descriptor: sand * dunes * sand budget principle * deserts
Geographical descriptor: Sahara * Sahel * Africa
- 2194 *Maignet, M*
SEQUENCES MORPHOGENETIQUES QUATERNAIRES AU BORKOU (NORD-CHAD)
Lang.: fre. 1969. Series title: Photo Interpretation. Vol.3:p.17-44
Descriptor: Quaternary period * aerial photography * climatic change * lakes * geomorphology * topographic features
Geographical descriptor: Chad * Africa
- 2195 *Maignet, M*
THE WIND AND DESERTIFICATION PROCESSES IN THE SAHARO-SAHELIAN AND SAHELIAN REGIONS
Meeting or Conf.: Physics of Desertification, Trieste, Italy, Nov. 10-28, 1980
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1986. p.210-240. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.)
Descriptor: deserts * desertification * winds
Geographical descriptor: Sahara * Sahel * Africa
- 2196 *Maignet, M*
UN ETONNANT PAYSAGE: LES CANNELURES GRESEUSES DU BEMBECHÉ (N. DU TCHAD) Essai d'Explication
Geomorphologique
Lang.: fre. 1970. Series title: Annales de Geographie. Vol.79(431):p.58-66
Descriptor: geomorphology * channel morphology
Geographical descriptor: Chad * Africa
- 2197 *Maignet, M*
USE OF SATELLITE IMAGES FOR DETECTING WIND DYNAMICS - SAND DEPOSITS, FIXED DUNES, WIND EROSION AND DESERTIFICATION IN THE SAHEL, SOUTH OF SAHARA
Meeting or Conf.: International Symposium on Remote Sensing of Environment, proceedings, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. 1982. p.551-552. Note: (In) Remote Sensing of Arid and Semi-Arid Lands
Descriptor: satellite images * wind action * sand deposits * fixed dunes * wind erosion * desertification
Geographical descriptor: Sahel * Africa
- 2198 *Maignet, M.; Chemin, M.C*
UTILISATION DES IMAGES LANDSAT POUR LA CARTOGRAPHIE DE LA DYNAMIQUE EOLIENNE ET LA DEFINITION EN MILIEU SAHELIEN (Utilization of Landsat Images for the Cartography of Eolian Dynamics and Definition in a Sahel Environment)
Meeting or Conf.: La Cartographie Thematique des Resultats de la Teledetection; 4eme Colloque International du Groupement Pour le Developpement de la Teledetection Aerospatial, Toulouse, France, Jun. 22-26, 1981
Lang.: fre. 1982. p.135-149. Note: (In) 4th International Meeting of the Group for the Development of Remote Sensing; Thematic Cartography of the Results of Remote Sensing
Descriptor: Landsat * satellites * remote sensing * mapping * eolian dynamics
Geographical descriptor: Sahel * Africa
- 2199 *Majeed, A*
DESERTIFICATION MONITORING IN DINGARH (CHOLISTAN DESERT)
Lang.: eng. Jun 1984. Series title: Bulletin of Irrigation Drainage and Flood Control Research Council of Pakistan. Vol.14(1):p.1-6
Descriptor: deserts * desertification * erosion control * natural disasters
Geographical descriptor: Dingarh * Cholistan Desert * Pakistan * Asia
- 2200 *Majeed, S.; Jafri, S.K*
DESERTIFICATION: CAUSES AND REMEDIES
Lang.: eng. Jun. 1984. Series title: Bulletin of Irrigation Drainage and Flood Control Research Council of Pakistan. Vol.14(1):p.21-31. Note: United Nations Conference on Desertification, Nairobi, Kenya, Aug. 29-Sep. 10, 1977
Descriptor: desertification * erosion control * natural disasters * water resources
Geographical descriptor: Pakistan * South Asia * Asia

- 2201 **Majisu, L.; Labelle, R**
A SELECTED BIBLIOGRAPHY OF AGROFORESTRY
Lang.: eng. Nairobi, Kenya: International Council for Research in Agroforestry (ICRAF). 1982. 59p
Descriptor: bibliographies * agroforestry
- 2202 **Malakouti, M.J.; Lewis, D.T.; Stubbendieck, J**
EFFECT OF GRASSES AND SOIL PROPERTIES ON WIND EROSION IN SAND BLOWOUTS
Lang.: eng. 1978. Series title: *Journal of Range Management*. Vol.31(6):p.417-420
Descriptor: wind erosion * revegetation * mulching * rangelands * physico-chemical properties of soils
Geographical descriptor: Nebraska
- 2203 **Malan'in, A.N.; Kumanikin, M.I**
AFFORESTATION CONDITIONS IN THE TOSYKUM SANDY MASSIF (KAZAKH SSR)
Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.2:p.33-40. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: afforestation * sandy soils
Geographical descriptor: Tosynkum Sandy Massif * Kazakh SSR * USSR
- 2204 **Malcolm, C.V**
ESTABLISHING SHRUBS IN SALINE ENVIRONMENTS
Lang.: eng. 1972. Series title: *Western Australia Department of Agriculture. Technical Bulletin*. 14. 37p
Descriptor: soil water plant relationships * plant establishment * salt tolerance * sowing * shrubs * saline soils * review * bibliographies * climatic vegetal relationships
- 2205 **Malcolm, C.V.; Stoneman, T.C**
SALT ENCROACHMENT: THE 1974 SALT LAND SURVEY
Lang.: eng. 1976. Series title: *Western Australia, Journal of Agriculture*. Vol.17(2):p.42-49
Descriptor: saline soils * irrigation effects * salinity * surveys * seepage * pastures * salts
Geographical descriptor: Australia * Western Australia
- 2206 **Malcolm, C.V.; Stoneman, T.C**
SALT ENCROACHMENT: THE 1974 SALT LAND SURVEY
Lang.: eng. 1976. Series title: *Western Australia, Journal of Agriculture*. Vol.17(2):p.42-49
Descriptor: saline soils * irrigation effects * salinity * surveys * seepage * pastures * salts
Geographical descriptor: Australia * Western Australia
- 2207 **Malcolm, C.V**
USE OF HALOPHYTES FOR FORAGE PRODUCTION ON SALINE WASTELANDS
Lang.: eng. 1969. Series title: *Australian Institute of Agricultural Science. Journal*. Vol.35(1):p.38-49
Descriptor: halophytes * saline soils * forage production * grazing * soil water plant relationships * range management * adaptation * plant establishment
- 2208 **Maldé, H.E**
ENVIRONMENT AND MAN IN ARID AMERICA
Lang.: eng. 1964. Series title: *Science*. Vol.145:p.123-129
Descriptor: biogeography * climatic change * archaeology * environmental surveys * history * limiting factors * geochronology
Geographical descriptor: Southwestern U.S
- 2209 **Maldonado, A.L.J**
SYNOPSIS OF THE PANEL OF EXPERTS ON THE ROLE OF FORESTRY ACTIVITIES IN THE FIGHT AGAINST DESERTIFICATION
Meeting or Conf.: Panel of Experts on the Role of Forestry Activities in the Fight against Desertification, Saltillo, Coahuila, Mexico, June 24-28, 1985
Lang.: eng. 1986. 29p. Note: Also in Spanish
Descriptor: desertification * agroforestry * soil conservation * economic sectors * natural disasters * primary sector * resource conservation * soil management
- 2210 **Maley, J**
MECANISME DES CHANGEMENTS CLIMATIQUES AUX BASSES LATITUDES (Mechanism of Climatic Changes at Low Latitudes)
Lang.: fre. 1973. Series title: *Paleogeography, Paleoclimatology, Paleocology*. Vol.14(3):p.193-228
Descriptor: glacial geology * monsoons * climatic data * weather data * weather modification * meteorological data * atmospheric circulation * aid * atmospheric pressure
Geographical descriptor: Lake Chad * Chad * Africa
- 2211 **Maley, J.; et al**
QUELQUES FORMATIONS LACUSTRES ET FLUVIATILES ASSOCIEES A DIFFERENTES PHASES DU VOLCANISME AU TIBESTI
Lang.: fre. Paris: Office de la Recherche Scientifique et Technique Outre-Mer. 1970. Series title: *Office de la Recherche Scientifique et Technique Outre-Mer. Cahiers Serie Geologie*. Vol.2(1):p.127-152
Descriptor: lakes * fluvial processes * volcanoes
Geographical descriptor: Chad * Tibesti * Africa
- 2212 **Malhotra, S.P**
AN OVERCROWDED DESERT
Lang.: eng. 1977. Series title: *Geographical Magazine*. Vol.50(2):p.102-104
Descriptor: desertification * nomads * livestock * wood * alternative fuels * pastoralism * deserts
Geographical descriptor: India * Rajasthan * Thar Desert
- 2213 **Malhotra, S.P.; Mann, H.S**
DESERTIFICATION AND THE ORGANIZATION ON SOCIETY CENTRAL ARID ZONE RESEARCH INSTITUTE, INDIA
Lang.: eng. London, U.K.: Academic Press. 1982. ISBN 0126580502. Note: (In) *Desertification and Development: Dryland Ecology in Social Perspective* by B. Spooner and H.S. Mann (eds.)
Descriptor: desertification * society * arid land
Geographical descriptor: India
- 2214 **Malhotra, S.P**
HUMAN ASPECTS OF DESERTIFICATION AND OF MEASURES TO COMBAT IT IN ARID RAJASTHAN
Lang.: eng. 1980. p.73-79. Note: (In) *The Threatened Drylands: Regional and Systematic Studies of Desertification*
Descriptor: desertification control * productivity * appropriate technology * solar energy * biomass * natural resources * conservation
Geographical descriptor: India * Rajasthan
- 2215 **Malhotra, S.P**
MAN AND THE DESERT
Meeting or Conf.: National Symposium on Desert Ecology, Oct 24-27, 1986, Rajasthan, India
Lang.: eng. Jodhpur, India: Scientific Publishers. 1988. Series title: *Science Review of Arid Zone Research*. Vol.5:p.37-64. ISSN 0254-0568
Descriptor: deserts * environmental degradation * human activity * population pressure * cultural geography * rural sociology * land use
- 2216 **Malhotra, S.P.; Kalla, J.C.; Goyal, G**
MAN, LAND, LIVESTOCK AND FOOD PROSPECTS IN AN EXTREMELY DESERTIC TRACT OF RAJASTHAN
Lang.: eng. 1977. Series title: *Annals of Arid Zones*. Vol.16(1):p.133-146
Descriptor: land management * livestock * humans * social aspects * land resources * appropriate technology * food supply
Geographical descriptor: Rajasthan * India
- 2217 **Malhotra, S.P.; et al**
PART II. REGIONAL PROGRAMMES. SECTION B. THE CENTRAL ARID ZONE RESEARCH INSTITUTE (INDIA)
Lang.: eng. London: Academic Press. 1982. p.293-388. ISBN 0-12-658050-2. Note: (In) *Desertification and Development: Dryland Ecology in Social Perspective* by B. Spooner and H.S. Mann (eds.)
Descriptor: desertification * ecology * social sciences * research
Geographical descriptor: India

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POPULATION, LAND, CROPS AND LIVESTOCK STATISTICS OF ARID ZONE OF RAJASTHAN
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1983. iii, 148p
Descriptor: demography * land management * land evaluation * crops * livestock * marginal lands
Geographical descriptor: India * Rajasthan
- 2219 *Malhotra, S.P.; Purohit, M.L.; Bharara, L.P*
REPORT ON SOCIAL ASPECTS OF DESERTIFICATION
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1980. 202p
Descriptor: demography * marginal lands * land management * agricultural production * pastoralism * nomads * afforestation * fuelwood * energy
Geographical descriptor: India
- 2220 *Malhotra, S.P*
TRADITIONAL PERCEPTIBILITIES OF ENVIRONMENT AND DESERTIFICATION: A CASE STUDY
Lang.: eng. 1977. Series title: *Economic Geography*. Vol.53(4):p.347-352
Descriptor: desertification * land use * social aspects * productivity * human population * environmental impact * case studies
Geographical descriptor: Rajasthan * India
- 2221 *Malik, S.K*
SURFACE WATER EVALUATION WITH LIMITED DATA IN THE ARID REGION OF WEST PAKISTAN
Meeting or Conf.: Central Treaty Organization Seminar on Evaluation of Water Resources with Scarce Data 1969, Tehran, Iran, Proceedings
Lang.: eng. 1970. p.471-487
Descriptor: arid land * atmospheric precipitation * hydrology * stream gages * runoff * water resources * topography * rainfall runoff relationships * surface groundwater relationships * streamflow * sediment yield
Geographical descriptor: Pakistan * Middle East
- 2222 *Mallowan, M.E.L*
NCAH'S FLOOD RECONSIDERED
Lang.: eng. 1964. Series title: *Iraq*. Vol.26(2):p.62-82
Descriptor: archaeology * history
Geographical descriptor: Iraq * Mesopotamian Plain * Euphrates River * Middle East
- 2223 *Malpica, C*
CRÓNICA DEL HAMBRE EN EL PERU
Lang.: spa. Lima: Francisco Moncola Editores S.A. 1966. 205p
Descriptor: malnutrition * social aspects * humans
Geographical descriptor: Peru * South America
- 2224 *Manakov, V.S*
ON THE FULL UTILIZATION OF PASTURE FODDER AND THE DEVELOPMENT OF A STABLE FODDER BASE FOR SHEEP BREEDING IN THE KARAKUMS
Lang.: eng. 1970. Series title: *Problems of Desert Development*. No.5:p.37-45. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: pastures * fodder * sheep * animal breeding * deserts
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 2225 *Manger, L.O*
THE SANDS SWALLOW OUR LAND. OVER-EXPLOITATION OF PRODUCTIVE RESOURCES AND THE PROBLEM OF HOUSEHOLD VIABILITY IN THE KHEIRAN-ASUDANESE OASIS
Lang.: eng. 1981. Series title: *Occasional Papers, University of Bergen, Department of Social Anthropology*. No.24. 137p
Descriptor: land use * cultivation * irrigation * appropriate technology * desertification
Geographical descriptor: Sudan * Africa
- 2226 *Maniere, R.; Chamignon, C*
CARTOGRAPHY OF LAND OCCUPATION IN AN ARID MEDITERRANEAN ZONE BY SPATIAL TELEDETECTION EXAMPLE OF APPLICATION ON THE SOUTHERN ORAN HIGH PLATEAU MECHERIA ALGERIA AT 1:200,000
Lang.: fre. 1986. Series title: *Ecol. Mediterr.* Vol.12(1-2):p.159-186
Descriptor: mapping * population density * arid land * satellite borne photography * remote sensing * maps
Geographical descriptor: Mediterranean Region * Southern Oran * Mecheria * Algeria * Africa
- 2227 *Mann, E*
THE NORTHERN PROVINCES OF KENYA
Lang.: eng. 1984. Series title: *Habitat International*. Vol.8(3-4):p.77-97
Descriptor: range management * nomads * arid land * settlements * pastoralism
Geographical descriptor: Kenya * Africa
- 2228 *Mann, H.S.; Lahiri, A.N.; Pareek, O.P*
A STUDY ON THE MOISTURE AVAILABILITY AND OTHER CONDITIONS OF UNSTABILISED DUNES IN THE CONTEXT OF PRESENT LAND USE AND THE FUTURE PROSPECTS OF DIVERSIFICATION
Lang.: eng. 1976. Series title: *Annals of Arid Zone*. Vol.15(4):p.270-284
Descriptor: dunes * land use * soil water plant relationships * soil stabilization * plant establishment * moisture availability
Geographical descriptor: India
- 2229 *Mann, H.S.; Malhotra, S.P.; Kalla, J.C*
DESERT SPREAD: A QUANTITATIVE ANALYSIS IN THE ARID ZONE OF RAJASTHAN
Lang.: eng. 1973. Series title: *Annals of Arid Zone*. Vol.13(2):p.103-113
Descriptor: desertification * climatic change * vegetation change * land use * crop production * moisture availability
Geographical descriptor: India * Rajasthan
- 2230 *Mann, H.S*
FUTURE OF THE INDIAN DESERT
Meeting or Conf.: National Symposium on Desert Ecology, Oct 24-27, 1986, Rajasthan, India
Lang.: eng. Jodhpur, India: Scientific Publishers. 1988. Series title: *Science Review of Arid Zone Research*. Vol.5:p.307-313. ISSN 0254-0568
Descriptor: deserts * arid zones * resource conservation * climatic factors * human activity
Geographical descriptor: India
- 2231 *Mann, H.S.; Prakash, I*
HALTING THE MARCH: ECO-DEVELOPMENT IN THE THAR
Lang.: eng. New Delhi, India: India. Department of Environment. 1983. 35p
Descriptor: climate * dust * drought * soil degradation * marginal lands * irrigation * water salinization * sand control * afforestation * rangelands * plant production * pest control * ecology
Geographical descriptor: India * Thar
- 2232 *Mann, H.S.; Malhotra, S.P.; Shankararayan, K.A*
IRRATIONAL LAND USE AND DESERTIFICATION IN RAJASTHAN DESERT
Lang.: eng. 1977. Series title: *Annals of Arid Zone*. Vol.16(3):p.387-394
Descriptor: desertification * land use * livestock * grazing * soil management * soil fertility * deserts
Geographical descriptor: Rajasthan * India

- 2233 **Mann, H.S.; Shankararayan, K.A.; Dhir, R.P.**
NATURAL RESOURCE SURVEY AND ENVIRONMENTAL MONITORING IN ARID RAJASTHAN USING REMOTE SENSING
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1984. ISBN 90-247-2850-9. Note: (In) Deserts and Arid Lands by F. El-Baz (ed.)
Descriptor: remote sensing * satellite borne photography * teledetection * monitoring * resource survey * arid land
Geographical descriptor: Rajasthan * India
- 2234 **Mann, H.S.**
SCIENCE AND DESERT CONTROL
Lang.: eng. 1972. Series title: *Indian Farming*. Vol.22(6):p.5-8
Descriptor: desertification control * social aspects * agriculture * economics * water shortage * natural resources * land management * nomads * pastoralism
Geographical descriptor: India * Rajasthan
- 2235 **Mann, H.S. (ed.)**
ARID ZONE RESEARCH AND DEVELOPMENT. INTERNATIONAL SYMPOSIUM ON ARID ZONE RESEARCH AND DEVELOPMENT. CENTRAL ARID ZONE RESEARCH INSTITUTE. PROCEEDINGS
Meeting or Conf.: International Symposium on Arid Zone Research and Development, Central Arid Zone Research Institute, Jodhpur, India, Feb. 14-18, 1978
Lang.: eng. Ratanada, Jodhpur, India: Scientific Publishers. 1980. 531p
Descriptor: soil fertility * soil productivity * soil types climatic * aridisols * development
Geographical descriptor: India
- 2236 **Mann, H.S. (ed.)**
DESERT ECOSYSTEM AND ITS IMPROVEMENT
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1976
Descriptor: ecosystems * desert biome * reclamation
- 2237 **Mann, H.S. (ed.); Saxena, S.K. (ed.)**
FORDI (ZIZYPHUS NUMMULARIA): A SHRUB OF THE INDIAN ARID ZONE: ITS ROLE IN SILVIPASTURE
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1981. Series title: CAZRI Monograph. No.13. iv, 93p
Descriptor: deserts * plant production * desert plants * drought tolerance * silviculture
Geographical descriptor: India
- 2238 **Mann, H.S. (ed.); Saxena, S.K. (ed.)**
KHEJRI (PROSOPIS CINERARIA) IN THE INDIAN DESERT - ITS ROLE IN AGROFORESTRY
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1980. Series title: CAZRI Monograph. No.11. x, 78p
Descriptor: deserts * agroforestry * rural development * drought tolerance * silviculture * soil morphology * plant nutrition * economic development
Geographical descriptor: India
- 2239 **Mann, R.**
DEVELOPMENT AND THE SAHEL DISASTER: THE CASE OF THE GAMBIA
Lang.: eng. 1987. Series title: *Ecologist*. Vol.17(2-3):p.84-90
Descriptor: desertification * development
Geographical descriptor: Gambia * Africa
- 2240 **Mannaerts, C.M.**
EVALUATION OF ENVIRONMENTAL AND SOCIO-ECONOMIC COMPONENTS RELATED TO LAND USE IN SMALL WATERSHEDS. FIRST RESULTS
Meeting or Conf.: European Forestry Commission Fifteenth Session of the Working Party on the Management of Mountain Watersheds, Innsbruck, Austria, Sep. 23-27, 1986
Lang.: eng. 1986. FAO-FO-GCP/CVI/015/BEL. 28p
Descriptor: semiarid lands * watersheds * land use * desertification * forest plantations * climatic zones * natural disasters * geomorphology * resource allocation * resource development
Geographical descriptor: Cape Verde * Africa South of Sahara * Africa
- 2241 **Manners, I.R.**
PROBLEMS OF WATER RESOURCE MANAGEMENT IN SEMI-ARID ENVIRONMENT: THE CASE FOR IRRIGATION AGRICULTURE IN THE CENTRAL JORDAN RIFT VALLEY
Lang.: eng. New York: Wiley. 1974. p.95-115. Note: (In) Spatial Aspects of Development by B.S. Hoyle (ed.)
Descriptor: water management * water resources development * irrigation * water conservation * semiarid climate * human behavior * social organization
Geographical descriptor: Jordan Valley * Jordan * Middle East
- 2242 **Manners, I.R.**
THE DESERT AND THE SOWN: AN ECOLOGICAL APPRAISAL OF THE MIDDLE EAST
Lang.: eng. 1971. Series title: *Focus*. Vol.22(2):8p
Descriptor: ecology * nomads * rainfall * climate * agriculture * history * human activity * qanats * irrigation practices * salinity * planning * human aspects * water resources development * human population * pastoralism
Geographical descriptor: Middle East * Jordan * Israel * Egypt * Turkey * Syria * Iraq * Saudi Arabia * Iran * Jordan Valley * Africa
- 2243 **Manners, I.R.**
THE EAST GHOR IRRIGATION PROJECT
Lang.: eng. 1970. Series title: *Focus*. Vol.20(8):p.8-11
Descriptor: Triticum * land reform * water resources development * political aspects
Geographical descriptor: Jordan Valley * Lebanon * Israel * Jordan * Syria
- 2244 **Mansour, A.H.**
LES PROBLEMS PASTORAUX ET HUMAINS DANS LES ZONES ARIDES DU MOYENORIENT (Pastoral and Human Problems in Arid Zones of the Middle East)
Lang.: fre. 1967. Series title: *Journal d'Agriculture Tropicale et de Botanique Appliquee*. Vol.14(10-11):p.454-493
Descriptor: nomads * grazing * livestock * social aspects * arid land * pastoralism
Geographical descriptor: Yemen * Middle East * Saudi Arabia * Egypt * Jordan * Syria * Iraq * Iran * Africa
- 2245 **Marchal, J.Y.**
SOCIETE, ESPACE ET DESERTIFICATION DANS LE YATENGA (HAUTE-VOLTA OU LA DYNAMIQUE DE L'ESPACERURAL SOUDANO-SAHELIEN) (Society, Land and Desertification in the Yatenga, Upper Volta, or the Dynamics of Rural Land in the Sudano-Sahelian Zone)
Lang.: fre. Paris: Orstom. 1982. 873p
Descriptor: land use * desertification
Geographical descriptor: Upper Volta * Burkina Faso * Africa * Sahel * Sudan
- 2246 **Marchal, J.Y.**
YATENGA, NORD HAUTE VOLTA. LA DYNAMIQUE D'UN ESPACE RURAL SOUDANO-SAHELIEN. PAYS MOSSI, EVOLUTION DU SYSTEME RURAL (Yatenga, in the North of Upper Volta. Dynamics of a Sudano-Sahelian Rural Space. Mossi Country, Evolution of the Rural System)
Lang.: fre. Paris: ORSTOM. 1983. Series title: *Travaux et Documents de l'ORSTOM*. No.167. 873p. ISBN 2-7099-0707-0
Descriptor: Masai * farming systems * human population * natural resources * desertification * land use * cropping systems * resource conservation * population pressure * migration * rural communities * mapping * systems analysis * economic development * resource development
Geographical descriptor: Yatenga * Upper Volta * Burkina Faso * Francophone Africa * Africa * Masai Country * Sudan * Sahel

- 2247 **Marche-Marchad, J**
 ETUDE ECOLOGIQUE DES ORGANISMES EPIPHYLLES ET SOUS-CUTICULAIRES D'ANACARDIUM OCCIDENTALE L. AU SENEGAL. III. DISTRIBUTION DES ORGANISMES APRES UNE EXCEPTIONNELLE SECHERESSE. CONCLUSIONS GENERALES (Ecological Study of Follicolous and Subcuticular Organisms on Anacardium Occidentale L. in Senegal. III. Organisms Distribution After an Exceptional Drought. General Conclusions)
 Lang.: fre. 1980. Series title: Rev. Gen. Bot. Vol. 87(1034):p.209-260
 Descriptor: follicolous organisms * subcuticular organisms * Anacardium * drought * ecology
 Geographical descriptor: Senegal * Africa
- 2248 **Marche-Marchad, J**
 QUELQUES DONNEES ECOLOGIQUES SUR CEPHALEUROS VIRESCENS KUNZE ET LES LICHENS DONT IL EST LA GONIDIE (Some Ecological Data About Cephaluros Virescens and Some Lichens of Which it is the Symbiotic Alga)
 Lang.: fre. 1981. Series title: Cryptogam. Algol. Vol. 2(4):p.289-302
 Descriptor: ecology * Cephaluros virescens * lichens * algae * symbiosis
- 2249 **Marcus, M.G**
 HEAT-BALANCE INVESTIGATIONS
 Lang.: eng. 1984. p.15. ISSN 0364-6017. Note: (In) A Workshop on Desert Processes by J.F. McCauley and J.N. Rinker (eds.)
 Descriptor: heat balance * deserts
- 2250 **Margalit, H**
 SOME ASPECTS OF THE CULTURAL LANDSCAPE OF PALESTINE DURING THE FIRST HALF OF THE NINETEENTH CENTURY
 Lang.: eng. 1964. Series title: Israel Exploration Journal. Vol. 13:p.208-223
 Descriptor: history * humans
 Geographical descriptor: Palestine * Middle East
- 2251 **Margaris, N.S**
 DESERTIFICATION IN GREECE
 Lang.: eng. 1984. Series title: Progress in Biometeorology. Vol. 3:p.120-128
 Descriptor: desertification * fire effects * overgrazing * air pollution * pesticides
 Geographical descriptor: Greece
- 2252 **Margat, J**
 HYDROLOGIE ET RESSOURCES EN EAU DES ZONES ARIDES (Hydrology and Water Resources in Arid Regions)
 Meeting or Conf.: La Geologie au Service des Hommes; Entretiens, Saint-Cloud, France, May 4-5, 1985
 Lang.: fre. 1985. Note: (In) La Geologie au Service des Hommes; Entretiens, (Geology in the Service of Man) B. Labesse (ed.)
 Descriptor: hydrology * water resources * arid land
- 2253 **Mariko, K.A**
 LA LUTTE CONTRE LA DESERTIFICATION ET L'ANEANTISSEMENT ECOLOGIQUE (Control against Desertification and the Ecologic Destruction. Scientific and Ecologic Aspects)
 Lang.: fre. Jan-Jun 1985. Series title: Rivista di Agricoltura Subtropicale e Tropicale. Vol. 79(1-2):p.129-137. ISSN 0035-6026
 Descriptor: desertification * natural disasters
 Geographical descriptor: Sahel * Africa
- 2254 **Martham, C.G**
 APPARENT PERIODICITIES IN RAINFALL AT FORTALEZA, CEARA, BRAZIL
 Lang.: eng. 1974. Series title: Journal of Applied Meteorology. Vol. 13:p.176-179
 Descriptor: rainfall * climatic data * weather patterns * atmospheric circulation
 Geographical descriptor: Brazil * South America
- 2255 **Martham, C.G**
 TWENTY-SIX YEAR CYCLICAL DISTRIBUTION OF DROUGHT AND FLOOD IN CEARA, BRAZIL
 Lang.: eng. 1975. Series title: Professional Geographer. Vol. 27(4):p.454-456
 Descriptor: floods * drought * climatic data * weather patterns * atmospheric circulation * oceanography * water temperature
 Geographical descriptor: Brazil * South America
- 2256 **Marlange, M**
 CONTRIBUTION A L'ETUDE PHYTO-ECOLOGIQUE DU CHACO ARGENTIN (Contribution to phytocological studies of the Argentine Chaco)
 Lang.: fre. 1973. Series title: Centre d'Etudes Phytosociologiques et Ecologiques Louis Emberger. Document (Montpellier). 58. 2 Vols
 Descriptor: transects * geology * air temperature * atmospheric precipitation * evaporation * climatic zones * geomorphology * hydrology * populations * land use * phytogeography * distribution patterns * plant ecology * plant distribution * bibliographies * surveys * semiarid climate * regional geography * indicator plants * plant communities * atmospheric pressure
 Geographical descriptor: Argentina * Monte * Cordoba Province * Jujuy Province * La Rioja Province * Salta Province * Santiago del Estero * South America
- 2257 **Marleau, L**
 SMALL SCALE BRIQUETTER FOR DENSIFYING BIOMASS RESIDUES
 Meeting or Conf.: Proceedings of the 9th. Biennial Congress of the International Solar Energy Society. Montreal, Quebec, Canada, Jun. 23-29, 1985
 Lang.: eng. 1986. ISBN 0-08-033177-7. Note: (In) Intersol 85
 Descriptor: biomass * densification * solar energy
- 2258 **Marrs, R.W**
 TELEDETECTIVE STUDIES IN EOLIAN MORPHOLOGY AND CLIMATIC HISTORY OF THE ROCKY MOUNTAIN REGION; A SYNOPTIC REVIEW
 Meeting or Conf.: 35th Annual Meeting, Rocky Mountain Section of the Geological Society of America, Bozeman, MT, USA, May 7-8, 1982
 Lang.: eng. 1982. 341p. ISSN 0016-7592
 Descriptor: teledetection * remote sensing * eolian processes * climatic history
 Geographical descriptor: Rocky Mountains * Western U.S
- 2259 **Marshall, A**
 THE SIZE OF THE AUSTRALIAN DESERT
 Lang.: eng. 1948. Series title: Australian Geographer. Vol. 5(7):p.168-175
 Descriptor: deserts
 Geographical descriptor: Australia
- 2260 **Marshall, N**
 BEE-KEEPING IN SEMI-ARID AREAS
 Lang.: eng. Nairobi, Kenya: Kenya Energy Non-Governmental Organization Association. 1982? p.28-29. Note: (In) Tree Planting and Agroforestry in Semi-Arid Zones of Kenya
 Descriptor: agroforestry * marginal lands
 Geographical descriptor: Kenya * Africa
- 2261 **Martin, A.R.H**
 FINAL REPORT ON THE PALYNOLOGY OF GROENVLEI, KNYSNA, SOUTH AFRICA
 Lang.: eng. 1969. Series title: Palaeoecology of Africa. Vol. 4:p.190-191
 Descriptor: climatic change * vegetation change * paleoclimatology
 Geographical descriptor: South Africa * Groenvlei * Knysna * Africa

- 2262 **Martin, M.A.**
CONSERVATION AT THE LOCAL LEVEL: INDIVIDUAL PERCEPTIONS AND GROUP MECHANISMS
 Lang.: eng. London, U.K.: Academic Press. 1982. p.145-169.
 Note: (In) *Desertification and Development: Dryland Ecology in Social Perspective* by B. Spooner and H. S. Mann (eds.)
Descriptor: irrigation * land use * soil fertility
Geographical descriptor: Iran * Middle East
- 2263 **Martin, M.A.; et al**
PART II. REGIONAL PROGRAMMES. SECTION A. THE TURAN PROGRAMME (IRAN)
 Lang.: eng. London, U.K.: Academic Press. 1982. p.137-292.
 ISBN 0-12-658050-2. Note: (In) *Desertification and Development: Dryland Ecology in Social Perspective* by B. Spooner and H.S. Mann (eds.)
Descriptor: desertification * ecology * social sciences * research
Geographical descriptor: Iran * Turan Valley * Middle East
- 2264 **Martin, P.S.**
PLEISTOCENE ECOLOGY AND BIOGEOGRAPHY OF NORTH AMERICA
 Lang.: eng. 1958. Series title: *American Association for the Advancement of Science, Washington, D.C., Publication.* 51. p.375-420. Note: (In) *Zoogeography* by C.L. Hubbs (ed.)
Descriptor: biogeography * Pleistocene epoch * ecology * zoogeography
Geographical descriptor: North America
- 2265 **Martin, P.S.**
PLEISTOCENE NICHE FOR ALIEN ANIMALS
 Lang.: eng. 1970. Series title: *Biosciences.* Vol.20(4):p.218-221
Descriptor: grazing * range management * introduced species * extinction * productivity * adaptation * arid land * cattle * xerophytes * desert animals * shrubs * herbivores * ungulates * habitats * forage production * browse * Pleistocene epoch
Geographical descriptor: Sonoran Desert * Southwestern U.S. * Arizona
- 2266 **Martin, P.S.**
THE LAST 10,000 YEARS; A FOSSIL POLLEN RECORD OF THE AMERICAN SOUTHWEST
 Lang.: eng. Tucson, AZ: University of Arizona Press. 1963. 87p
Descriptor: palynology * paleoclimatology * Pleistocene epoch * vegetation * drought * biogeography * dendrochronology * climatology * archaeology * arid land * mammals * summer precipitation * extinction * climatic change * vegetation change * American Indians
Geographical descriptor: Southwestern U.S. * Arizona * New Mexico * Mexico
- 2267 **Martin, S.C.**
SOME FACTORS AFFECTING VEGETATION CHANGES ON A SEMIDESERT GRASS-SHRUB CATTLE RANGE IN ARIZONA
 Lang.: eng. Tucson, AZ: University of Arizona Press. 1964. 122p. Note: (Ph.D. Dissertation)
Descriptor: *Muhlenbergia porteri* * rangelands * range management * grazing * desert grassland * shrubs * soil texture * subsoil * brush control * vegetation change * grasses * water sources * *Trichachne californica* * *Aristida* * cattle * *Prosopis juliflora* * *Haplopappus*
Geographical descriptor: Arizona * Southwestern U.S.
- 2268 **Martin, W.E.; Bower, L.G.**
PATTERNS OF WATER USE IN THE ARIZONA ECONOMY
 Lang.: eng. 1966. Series title: *Arizona Review.* Vol.15(12):p.1-6
Descriptor: water supply * water loss * water resources * groundwater * economic development
Geographical descriptor: Arizona * Southwestern U.S.
- 2269 **Martinson, G.G.**
VSEGDA LI BEZVODNOI BYLA PUSTYNIA GOBI (Has the gobi desert always been waterless)
 Lang.: rus. 1969. Series title: *Priroda* (Moscow). Vol.10:p.84-88
Descriptor: paleoclimatology * desertification
Geographical descriptor: Mongolia * Gobi Desert
- 2270 **Mascarenhas, A.C.**
RESETTLEMENT AND DESERTIFICATION: THE WAGOGO OF DODOMA DISTRICT, TANZANIA
 Lang.: eng. 1977. Series title: *Economic Geography.* Vol.53(4):p.376-380
Descriptor: desertification * government policy * social organization * drought * fallowing * grazing * animal damage * groundwater mining * human activity * social aspects * political aspects * water extraction * Wagogo
Geographical descriptor: Tanzania * Dodoma District * Africa
- 2271 **Mashbitz, Y.G.**
ARID LAND DEVELOPMENT IN LATIN AMERICA
 Lang.: eng. 1986. p.93-96. Note: (In) *Arid Land Development and the Combat Against Desertification: an Integrated Approach*
Descriptor: arid land * land development * desertification control * forestry * deforestation
Geographical descriptor: Latin America
- 2272 **Massachusetts Institute of Technology. Center for Policy Alternatives**
A FRAMEWORK FOR EVALUATING LONG-TERM STRATEGIES FOR THE DEVELOPMENT OF THE SAHEL-SUDAN REGION
 Lang.: eng. Cambridge, MA: Massachusetts Institute of Technology. Center for Policy Alternatives. 1974. Note: 2 vols., 10 annexes
Descriptor: social aspects * demography * economic development * human resources * water resources development * political aspects * social organization * urban areas * developing countries
Geographical descriptor: Sahel * Africa
- 2273 **Matar, A.E.**
CORRELATION BETWEEN NAHCO₃-EXTRACTABLE P IN SOIL AND YIELD OF WHEAT AND LENTIL GROWN UNDER DRY FARMING CONDITIONS
 Lang.: eng. Damascus, Syria: Arab Center for the Studies of Arid Zones and Dry Lands. Soil Science Division. 1976. Series title: *Soil Science.* P-2. 16, [16]p
Descriptor: physico-chemical properties of soils * soil classification * dry farming * soil surveys
Geographical descriptor: Syria * Middle East
- 2274 **Mather, A.S.**
THE DESERTIFICATION OF CENTRAL OTAGO, NEW ZEALAND
 Lang.: eng. 1982. Series title: *Environmental Conservation.* Vol.9(3):p.209-216
Descriptor: soil fertility * desertification
Geographical descriptor: New Zealand
- 2275 **Matheson, A.**
DEMOGRAPHIC EVIDENCE FROM THE ARID LANDS OF THE WORLD
 Lang.: eng. 1984. Series title: *UNEP Report.* Vol.31
Descriptor: arid land * demography * global surveys
- 2276 **Matheson, A.**
STOPPING THE DESERT'S ADVANCE
 Lang.: eng. Jul/Aug 1984. Series title: *Africa Report.* 29:p.53-56
Descriptor: arid land * environmental policy
Geographical descriptor: Africa
- 2277 **Matheson, W.E.**
WHEN SALT TAKES OVER
 Lang.: eng. 1968. Series title: *South Australia, Journal of Agriculture.* Vol.71:p.266-272
Descriptor: clear cutting * overgrazing * animal damage * drainage * saline soils * sheep * reclamation * *Medicago sativa* * evaporation control * halophytes * salt tolerance * exclosures * evaporation control
Geographical descriptor: Australia

- 2278 *Mathur, C.M.; Govil, D.P*
GREENING THE DESERT
Meeting or Conf.: National Symposium on Desert Ecology, Oct 24-27, 1986, Rajasthan, India
Lang.: eng. Jodhpur, India: Scientific Publishers. 1988. Series title: Science Review of Arid Zone Research. Vol.5:p.273-288. ISSN 0254-0568
Descriptor: arid zones * deserts * resource conservation * dunes * sand * soil stabilization * revegetation * reclamation
Geographical descriptor: Rajasthan * India
- 2279 *Mathur, O.P.; Mathur, S.K.; Talasi, N.R*
STUDIES ON ACCUMULATION OF WIND BLOWN SAND DUE TO VARIOUS TILLAGE OPERATIONS AND THEIR EFFECT ON FINE TEXTURED SALT AFFECTED SOILS UNDER RAJASTHANCANAL COMMAND AREA
Lang.: eng. Jodhpur. Jan. 1985. Series title: The Society. Vol.10(1):p.133-136. ISSN 0379-0568
Descriptor: dust storms * desertification * sand * wind erosion * tillage * soil salinity * soil types * arid land
Geographical descriptor: Rajasthan * India
- 2280 *Mathur, O.P.; Singh, O.P.; Singh, R*
STUDIES ON THE PROTECTION OF COTTON CROP FROM CLIMATIC HAZARDS UNDER CANAL COMMAND DESERT AREAS OF WESTERN RAJASTHAN
Lang.: eng. 1977. Series title: Indian Society of Desert Technology. University of Desert Studies. Transactions. Vol.2(2):p.288-292
Descriptor: dust storms * weather patterns * wind erosion * sand * hazards * Gossypium * planting management * crop response * mulching
Geographical descriptor: India * Rajasthan
- 2281 *Matteucci, S.; Coma, A.; Pla, L*
LA DESERTIFICACION EN EL ESTADO FALCON
Lang.: spa. 1980. Series title: Sintesis Geografica. Vol.8:p.11-20
Descriptor: desert formation * desertification
Geographical descriptor: Falcon * Venezuela * South America
- 2282 *Matteucci, S.D.; Coma, A.; Pla, L*
DESERTIFICATION MAPS OF FALCON STATE, VENEZUELA
Lang.: eng. 1982. Series title: Environmental Conservation. Vol.9(3):p.217-224
Descriptor: soil fertility * desertification * mapping
Geographical descriptor: Venezuela * South America * Falcon
- 2283 *Mattson, J.O.; Rapp, A*
A PHYSICAL GEOGRAPHICAL FIELD COURSE IN ARID ENVIRONMENTS. THE POST GRADUATE FIELD COURSE OF THE THE DEPARTMENT OF PHYSICAL GEOGRAPHY OF LUND IN TUNISIA, MARCH 13-18, 1981
Lang.: swe. 1981. Series title: Lunds Universitets Naturgeografiska Institution. Rapportur och Notiser. Vol.51:p.1-84p
Descriptor: arid land * geography
Geographical descriptor: Lund * Tunisia * Africa
- 2284 *Mattson, W.J.; Haack, R.A*
THE ROLE OF DROUGHT IN OUTBREAKS OF PLANT-EATING INSECTS
Lang.: eng. Feb. 1987. Series title: Bioscience. Vol.37(2):p.110-118. ISSN 0006-3568
Descriptor: drought * environmental impact * plants * stress factors * forest insects * insect behavior * plant ecology * insect ecology
- 2285 *Matveev, N*
EUROTIA CERATOIDES IN SEMIDESERTS
Lang.: rus. 1974. Series title: Korma. Vol.1:p.47
Descriptor: Eurotia * semideserts * plant establishment * denudation * sandy soils * sowing date * dry matter yield * sowing depth
Geographical descriptor: Volga River Area * Caspian Sea * USSR
- 2286 *Matveyev, N.A*
METHODS TO IMPROVE PASTURES IN ASTRAKHANSKAYA OBLAST
Lang.: eng. 1974. Series title: Byulleten' Vnielmi. Vol.14(68):p.64-67
Descriptor: pastures * land improvement * rangelands
Geographical descriptor: Astrakhanskaya Oblast * USSR
- 2287 *Matveyev, V.I*
OSVOYENIYE I ULUCHSHENIYE POPUPUSTYNNYKH I PUSTYNNYKH PASTBISHCH: PO TERRITORII KAZAKHSKOY SSR (Development and Improvement of Semi-Desert and Desert Pastures: Kazakh SSR)
Lang.: rus. Alma-Ata, Kazakh SSR: Kaynar. 1968. 180p
Descriptor: pastures * deserts * semi deserts * land improvement
Geographical descriptor: Kazakh SSR * USSR
- 2288 *Maudoux, E.; Mathieu, L*
UTILISATION RAISONNEE DES TECHNIQUES DE (RE)BOISEMENT DANS LA LUTTE CONTRE L'EROSION LA DESERTIFICATION AUX ILES DU CAP VERT: PRESENTATION DES RESULTATS DE SEPT ANNEES DE CAMPAGNE (Intelligent Use of (Re)forestation Techniques in Actions against Erosion and Desertification on Cape Verde Islands: Presentation of the Results after a Seven-year Campaign)
Lang.: fre. 1985. Series title: Bulletin des Recherches Agronomiques de Gembloux. Vol.20(3-4,pt.1):p.437-467. ISSN 0435-2033. Note: Colloque International: Developpement Agricole et Conservation du Patrimoine Naturel dans les Pays du Tiers-Monde, Gembloux, Belgium, 9-11 Oct 1985
Descriptor: Pinus * Prosopis * Eucalyptus * Atriplex * Acacia * afforestation * land classification * erosion control * desertification * soil requirements * Centrospermae * Chenopodiaceae * conifers * cultivation * dicotyledons * economic plants * fodder crops * forestry operations * Gymnosperms * Leguminosae * Mimosoideae * Myrtaceae * Myrtiflorae * natural disasters * ornamental plants * Pinaceae
Geographical descriptor: Cape Verde * Africa
- 2289 *Maxwell, T.A.; Jacobberger, P.A*
REMOTE SENSING OBSERVATIONS OF SAND MOVEMENT IN THE BABARIYA DEPRESSION, WESTERN EGYPT
Meeting or Conf.: International Symposium on Remote Sensing of Environment, 20th, Nairobi, Kenya, Dec. 4-10, 1986
Lang.: eng. Ann Arbor, MI: Environmental Research Institute. 1986. Chapter 68, p.721. Note: (In) Proceedings of the 20th International Symposium on Remote Sensing of Environment, Vol.3 by J.J. Cook (ed.)
Descriptor: aerial photography * dune movement * Landsat * sand movement * winds * remote sensing * seasonality * dunes * sand * satellites
Geographical descriptor: Egypt * Babariya Depression * Western Egypt * Africa
- 2290 *Maydell, H.J. von*
AGROFORESTRY TO COMBAT DESERTIFICATION: A CASE STUDY OF THE SAHEL
Meeting or Conf.: Forestry for Local Development, Garpenberg, Sweden, Dec. 14-17, 1981
Lang.: eng. Uppsala, Sweden: Sveriges Lantbruksuniversitet, U-landsavdelningen. 1982. Series title: Arbetsrapport. No.6. p.41-54. ISSN 0280-4301
Descriptor: case studies * Acacia * desertification * agroforestry * dry farming * transhumance * rural development * rural sociology * land use * arid climate * tropics * rural population * animal husbandry * climatic zones * cropping systems * dicotyledons * economic plants * environmental factors * fodder crops * feed legumes * geographical groupings * gum plants * industrial crops * Leguminosae * Mimosoideae
Geographical descriptor: Africa South of Sahara * Sahel * Africa

- 2291 *Maydell, H.J. von; Becker, B.; Klug, S.; et al*
AGROFORSTLICHE LANDNUTZUNG IM EINZUGSBEREICH ZENTRALER ORTE IM SAHEL: FALLBEISPIEL NORD-SENEGAL (Agroforestry Land Use in the Catchment Area of Central Places in the Sahel: A Case Study from North Senegal)
 Lang.: ger. Cologne: Weltforum Verlag. 1983. Series title: Forschungsberichte des Bundesministeriums für Wirtschaftliche Zusammenarbeit. No.47. 374p
Descriptor: land use * farm forestry * agroforestry * case studies
Geographical descriptor: Senegal * Africa
- 2292 *Maydell, H.J. von*
ARBRES ET ARBUSTES DU SAHEL: LEURS CARACTERISTIQUES ET LEURS UTILISATIONS (Trees and Bushes of the Sahel)
 Lang.: fre. 1983. no. 147. ISBN 3880851956. Note: (In) Schriftenreihe der Deutschen Gesellschaft für Technische Zusammenarbeit
Descriptor: trees * shrubs * botany * desertification control
Geographical descriptor: Sahel * Africa
- 2293 *Maydell, H.J. von; Spatz, G*
EFFECTS OF GOATHUSBANDRY ON THE DEVELOPMENT OF THE LANDSCAPE
 Lang.: eng. 1981. Series title: Applied Geography and Development. Vol.18:p.30-44
Descriptor: goats * grazing effects * arid land * environmental impact
- 2294 *Maydell, H.J. von*
FORSTWIRTSCHAFT IN SENEGAL: PROBLEME UND ENTWICKLUNGSAUFGABEN (Forestry in Senegal: Problems and Development Programmes)
 Lang.: ger. 1980. Series title: Forstarchiv. Vol.51(7):p.129-135. Note: Summary language: English, French
Descriptor: Acacia * international development * afforestation * forestry * agroforestry
Geographical descriptor: Senegal * Germany * Africa
- 2295 *Mazingira. The World Forum for Environment and Development*
SPECIAL ISSUE ON DESERTIFICATION
 Lang.: eng. 1977. Series title: Mazingira. Vol.2:p.18-49
Descriptor: pastoralism * desertification * nomads * drought * greenhouses
Geographical descriptor: Afghanistan * Africa * Somalia * Senegal
- 2296 *Mbithi, P.M.; Wisner, B*
DROUGHT AND FAMINE IN KENYA: MAGNITUDE AND ATTEMPTED SOLUTIONS
 Lang.: eng. University of Nairobi. Institute of Development Studies. 1972. Series title: University of Nairobi. Institute of Development Studies. Working Paper. 46
Descriptor: drought * malnutrition * social aspects * famine
Geographical descriptor: Kenya * Africa
- 2297 *McBride, L.L*
ARIZONA'S COMING DILEMA: WATER SUPPLY AND POPULATION GROWTH
 Lang.: eng. 1972. Series title: Ecology Law Quarterly. Vol.2:p.357-384
Descriptor: population pressure water resources development * social aspects * law * water management * water supply * water utilization * water shortage
Geographical descriptor: Arizona * Colorado River * Colorado River Basin * Southwestern U.S
- 2298 *McCauley, J.F.; Rinker, J.N*
A WORKSHOP ON DESERT PROCESSES
 Meeting or Conf.: A Workshop on Desert Processes, Flagstaff, AZ, Sep. 24-28, 1984
 Lang.: eng. Denver, CO: USGS. 1987. Series title: U.S. Geological Survey Circular. No.989. 21p. ISSN 0364-6017
Descriptor: deserts * desert processes * remote sensing * paleoclimatology * geometeorology
- 2299 *McCauley, J.F.; Breed, C.S.; Helm, P.J.; et al*
MONITORING DESERT WINDS
 Lang.: eng. 1987. p.6-9. ISSN 0364-6017. Note: (In) A Workshop on Desert Processes by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: deserts * winds * monitoring
- 2300 *McCauley, J.F.; Breed, C.S.; Helm, P.J.; et al*
REMOTE MONITORING OF PROCESSES THAT SHAPE DESERT SURFACES: THE DESERT WINDS PROJECT
 Lang.: eng. Washington, D.C.: US Geological Survey. 1984. Series title: U.S. Geological Survey Bulletin. No.1634. 19p
Descriptor: remote sensing * monitoring * deserts * desertification * wind velocity * geometeorology
Geographical descriptor: Arizona
- 2301 *McCamisley, L.M*
THE CENTRAL REGION RURAL WATER SUPPLY PROJECT, SUDAN
 Lang.: eng. Ireland: An Foras Forbartha. 1986. 32p
Descriptor: water supply * climate * water resources * human health * drought * geology * rainfall * demography
Geographical descriptor: Sudan * Africa
- 2302 *McDougall, I.; Morton, W.H.; Williams, M.A.J*
AGE AND RATES OF DENUDATION OF TRAP SERIES BASALTS AT BLUE NILE GORGE, ETHIOPIA
 Lang.: eng. 1975. Series title: Nature. Vol.254(5497):p.207-209
Descriptor: basalt * time measurement * Tertiary period * erosion * sediments
Geographical descriptor: Ethiopia * Nile River * Africa
- 2303 *McIntosh, S.K.; McIntosh, R.J*
ARCHAEOLOGICAL RECONNAISSANCE IN THE REGION OF TIMBUKTU, MALI
 Lang.: eng. Summer 1986. Series title: The National Geographic Society. Vol.2(3):p.302-319. ISSN 0077-4626
Descriptor: geomorphology * landform evolution * settlements * human population * desertification
Geographical descriptor: Mali * Timbuktu * Africa
- 2304 *McKee, E.D.; Breed, C.S.; Harris, L.F*
A STUDY OF MORPHOLOGY, PROVENANCE AND MOVEMENT OF DESERT SAND SEAS IN AFRICA, ASIA, AND AUSTRALIA
 Lang.: eng. Greenbelt, MD: National Aeronautics and Space Administration. 1973. p.291-303. Note: (In) Symposium on Significant Results Obtained from ERTS-1 Technical Presentations 1(A)
Descriptor: sand * deserts * geomorphology * dunes * remote sensing * aerial photography * satellite observation * satellites
Geographical descriptor: Africa * Australia * Central Asia
- 2305 *McMillan, D.E.; Hansen, A*
OVERVIEW: FOOD IN SUB-SAHARAN AFRICA
 Lang.: eng. Boulder, CO: Lynne Rienner Publications, Inc. 1986. p.1-10. Note: (In) Food in Sub-Saharan Africa by A. Hansen and D.E. McMillan (eds.)
Descriptor: food production * agricultural crises
Geographical descriptor: Sub-Saharan Africa * Africa
- 2306 *McTainsh, G*
DESERTIFICATION AND DUST MONITORING IN WEST AFRICA
 Lang.: eng. 1985. Series title: Desertification Control Bulletin. No.12:p.26-33
Descriptor: desertification * dust * monitoring
Geographical descriptor: West Africa * Africa
- 2307 *McTainsh, G*
HARMFUL DUST DEPOSITION IN NORTHERN NIGERIA
 Lang.: eng. 1980. Series title: Nature. Vol.286(5773):p.587-588. ISSN 0028-0836
Descriptor: dust * sedimentation
Geographical descriptor: Nigeria * Africa

- 2308 *McTainsh, G*
THE ROLE OF AEOLIAN PROCESSES IN THE SAVANNA OF NORTHERN NIGERIA
Meeting or Conf.: International Savanna Symposium, Brisbane, Queensland, Australia, May 28-31, 1984
Lang.: eng. 1985. p.197-199. ISBN 0-85198-535-1. Note: (In) Ecology and Management of the World's Savannas
Descriptor: eolian processes * savannas
Geographical descriptor: Nigeria * Africa
- 2309 *McTainsh, G.H*
A DUST MONITORING PROGRAMME FOR DESERTIFICATION CONTROL IN WEST AFRICA
Lang.: eng. Spring 1986. Series title: Environmental Conservation. Vol.13(1):p.17-25. ISSN 0376-8929
Descriptor: savannas * desertification * dust * seasonality * monitoring * programs
Geographical descriptor: West Africa * Africa
- 2310 *McWilliam, J.R*
THE NATIONAL AND INTERNATIONAL IMPORTANCE OF DROUGHT AND SALINITY EFFECTS ON AGRICULTURAL PRODUCTION
Lang.: eng. 1986. Series title: Australian Journal of Plant Physiology. Vol.13(1):p.1-13
Descriptor: drought * salinity * agricultural production
- 2311 *Meckelein, W*
CLIMATIC-GEOMORPHOLOGICAL ZONES AND LAND UTILIZATION IN THE COASTAL DESERTS OF THE NORTH SAHARA
Lang.: eng. Tucson, AZ: University of Arizona. 1973. p.159-165. Note: (In) Coastal Deserts by D.H.K. Amiran and A.W. Wilson (eds.)
Descriptor: climate * climatic zones * arid climate * semiarid climate * Mediterranean climate * climatic geomorphology * geomorphology * land use * crop production * deserts * economic development * atmospheric precipitation * irrigation * air temperature * water resources * groundwater * soil erosion * grazing * environmental impact * land management
Geographical descriptor: Sahara * Libya * Tunisia * Egypt * Africa
- 2312 *Meckelein, W*
DER FEZZAN HEUTE
Lang.: ger. 1957. Series title: Stuttgarter Geographische Studien. Vol.69:p.325-336
Descriptor: irrigation * soil management
Geographical descriptor: Fezzan * Libya * Africa
- 2313 *Meckelein, W*
FORSCHUNGEN IN DER ZENTRALEN SAHARA I: Klimageomorphologie
Lang.: ger. Braunschweig, West Germany: Westermann. 1959. 181p
Descriptor: climatic zones * climatic geomorphology * soil types * landforms * fossils
Geographical descriptor: Sahara * Africa
- 2314 *Meckelein, W*
LAND-USE PROBLEMS IN THE CHINESE DESERTS
Lang.: eng. 1987. Series title: Applied Geography and Development. Vol.30:p.7-29
Descriptor: arid land * land use
Geographical descriptor: China
- 2315 *Meckelein, W*
PROBLEME DER OASENKOLONISATION IN LIBYSCHEM WUESTE AEGYPTENS
Lang.: ger. 1977. Series title: Mannheimer Geographische Arbeiten. Vol.1:p.445-458
Descriptor: oases * settlements * social organization * salinity * sand * dunes * deserts
Geographical descriptor: Libyan Desert * Egypt * Africa
- 2316 *Meckelein, W*
SAHARANOASES IN CRISIS
Lang.: eng. 1980. Series title: Stuttgarter Geographische Studien. Vol.95. p.173-203. ISBN 3-88028-095-9. Note: (In) Desertification in Extremely Arid Environments by H. Meckelein (ed.); Summary language: French, German
Descriptor: desertification * oases * socioeconomic aspects
Geographical descriptor: Sahara * Africa
- 2317 *Meckelein, W*
THE PROBLEM OF DESERTIFICATION WITHIN DESERTS: AN INTRODUCTION AND SOME CONCLUSIONS
Lang.: eng. 1980. Series title: Stuttgarter Geographische Studien. Vol.95. p.11-15. Note: (In) Desertification in Extremely Arid Environments by H. Meckelein (Ed.); Summary language: French, German
Descriptor: desertification * deserts
- 2318 *Meckelein, W*
UNTERNEHMEN TANEZROUFT
Lang.: eng. 1978. Series title: HochschulMagazin (Universitäts Nachrichten). Vol.62:p.13
Descriptor: desertification * salinity * arid climate * oases
Geographical descriptor: Algeria * Africa
- 2319 *Meckelein, W*
ZUR GEOMORPHOLOGIE DES CHOTT DJSCHERID (On the Geomorphology of the Chott Djerid)
Lang.: ger. 1977. Series title: Stuttgarter Geographische Studien. Vol.91:p.247-302
Descriptor: geomorphology * dunes * salt marshes * eolian soils * wind action * crusts * inflow outflow budget * tectonics
Geographical descriptor: Tunisia * Sahara * Sebkhah * Africa
- 2320 *Meckelein, W. (ed.)*
DESERTIFICATION IN EXTREMELY ARID ENVIRONMENTS
Lang.: eng. 1980. Series title: Stuttgarter Geographische Studien. Vol.95. 203p. ISBN 3-88028-095-9. Note: Also in French
Descriptor: desertification control * surveys
Geographical descriptor: Iran * Saudi Arabia * Tunisia * Egypt * Africa * Sahara
- 2321 *Meckelein, W. (ed.)*
GEOGRAPHISCHE UNTERSUCHUNGEN AM NORDRAND DER TUNESISCHEN SAHARA
Lang.: ger. 1977. Series title: Stuttgarter Geographische Studien. 91. 302p
Descriptor: ergs * cultural geography * regional surveys * crusts * oases * irrigation practices * geomorphology * dunes * salts * wind action * eolian soils * bibliographies
Geographical descriptor: Tunisia * Sahara * Sebkhah * Africa
- 2322 *Medellin Leal, F. (ed.)*
LA DESERTIFICACION EN MEXICO
Lang.: spa. Universidad Autonoma de San Luis Potosi. Instituto de Investigacion de Zonas Deserticas. 1978. 130p
Descriptor: desertification * bibliographies * regional surveys * planning
Geographical descriptor: Mexico
- 2323 *Megard, R.O*
LATE QUATERNARY CLADOCERA OF LAKE ZERIBAR, WESTERN IRAN
Lang.: eng. 1967. Series title: Ecology. Vol.48:p.179-189
Descriptor: lakes * Quaternary period
Geographical descriptor: Iran * Middle East * Lake Zeribar
- 2324 *Mehar Homji, V.M*
DISASTERS OF DEFORESTATION: DESERTIFICATION OR DELUGE?
Lang.: eng. 1984. Series title: International Journal of Ecology and Environmental Sciences. Vol.10(1):p.37-73
Descriptor: meteorology * rain * plant effects * forests * desertification * forestry practices * deforestation * damage * hydrology * air * climate

- 2325 **Meher, H**
ON THE MEDITERRANEAN CLIMATIC REGIONS OF WEST PAKISTAN
Lang.: eng. 1971. Series title: Archiv fuer Meteorologie, Geophysik, und Bioklimatologie. Ser. B Vol.19(3):p.277-286
Descriptor: mediterranean climate * climatic data * rainfall * weather stations * dry season * winter precipitation * summer precipitation
Geographical descriptor: Pakistan
- 2326 **Mehrhoff Jr., L.A**
VEGETATION CHANGES ON A SOUTHERN ARIZONA GRASSLAND RANGE, AN ANALYSIS OF CAUSES
Lang.: eng. Tucson, AZ: University of Arizona Press. 1955. 48p. Note: (M.S. Thesis)
Descriptor: Larrea tridentata * desert grasslands * grasslands * biome * vegetation change * shrubs * grazing * fire effects * competition * climatic change * Opuntia * Prosopis juliflora * Haplopappus * plant invaders * weeds * range management * desert biome
Geographical descriptor: Arizona * Santa Rita Experimental Range
- 2327 **Mehring, P.J**
LATE QUATERNARY VEGETATION IN THE MOHAVE DESERT (USA)
Lang.: eng. 1967. Series title: Review of Palaeobotany and Palynology. Vol.2(1-4):p.319-320
Descriptor: alluvium * plant establishment * Quaternary period * radiocarbon dating * paleobotany * glacial drift
Geographical descriptor: Nevada * California * Mojave Desert
- 2328 **Mehring, P.J**
THE ENVIRONMENT OF EXTINCTION OF THE LATE-PLEISTOCENE MEGAFUNA IN THE ARID SOUTHWESTERN UNITED STATES
Meeting or Conf.: Inqua Congress, 7th, Proceedings
Lang.: eng. 1967. Vol.6:p.247-266
Descriptor: climatic change * Pleistocene epoch * glacial geology * Quaternary period * habitats * herbivores * extinction
Geographical descriptor: Southwestern U.S
- 2329 **Mehta, K.K.; Mondal, R.C**
OPERATIONAL RESEARCH ON RECLAMATION OF ALKALISOILS
Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1988. Series title: ICAR Bulletin. No.12. 66p
Descriptor: alkaline soils * soil improvement * land reclamation * agricultural production * water management * drainage * physico-chemical properties of soils
Geographical descriptor: India
- 2330 **Meinig, D.W**
ON THE MARGINS OF THE GOOD EARTH. THE SOUTH AUSTRALIAN WHEAT FRONTIER, 1869-1884
Lang.: eng. Chicago, IL: Rand, McNally. 1962. Series title: Association of American Geographers. Monograph Series. No.2. 321p
Descriptor: rainfall * drought * history * land use * dry farming * Triticum * crop production * climatic zones * planting management
Geographical descriptor: Australia
- 2331 **Melice, J.L**
DESERTIFICATION RESEARCH IN SOUTHERN TUNISIA
Lang.: eng. 1984. Series title: Professional Paper Serv. Geol. Belgium (Brussels). Vol.207(3):p.89-90
Descriptor: deserts * desertification * paleoclimatology
Geographical descriptor: Tunisia * Africa
- 2332 **Melice, J.L.; Wendler, G**
PRECIPITATION STATISTICS IN SOUTHERN TUNISIA: A CONTRIBUTION TO THE DESERTIFICATION PROBLEM IN THE SAHEL ZONE
Lang.: eng. 1984. Series title: Archives for Meteorology, Geophysics and Bioclimatology, B. Vol.33(4):p.331-348. Note: Summary language: German
Descriptor: desertification * arid land * precipitation * grazing * soil fertility * meteorology * rainfall
Geographical descriptor: Tunisia * Africa * Sahel
- 2333 **Mendez, R**
COMBATING DESERTIFICATION IN THE SUBANO-SAHELIAN REGION
Lang.: eng. 1981. Series title: Desertification Control Bulletin. No.5: p.2-8, 12
Descriptor: desertification control * development aid
Geographical descriptor: Sahel * Africa * Sudan
- 2334 **Menezes, C**
PROBLEMAS GEOGRAFICOS PARA EL DESARROLLO DE CHIU-CHIU Y LASANA (Geographical Problems of Development of Chiu-Chiu and Lasana)
Lang.: spa. 1967. Series title: Asociacion de Geografos de Chile (Santiago). Boletin. Vol.1(3):p.29-40
Descriptor: social aspects * migration * economic development * economic impact * livestock * water utilization * agriculture * regional surveys
Geographical descriptor: Chiu-Chiu * Lasana * Chile * South America
- 2335 **Mengech, A.; Achoka, A. (Ed.)**
TREE PLANTING AND AGROFORESTRY IN SEMI-ARID ZONES OF KENYA: PROCEEDINGS OF THE KENYA WORKSHOP HELD IN KITUI IN OCTOBER, 1982
Lang.: eng. Nairobi, Kenya: Kenya Energy Non-Governmental Organization Association. 1982? 48p
Descriptor: forest resources * agroforestry * afforestation * marginal lands
Geographical descriptor: Kenya * Africa
- 2336 **Mensching, H**
AKTUELLE MORPHODYNAMIK IM AFRIKANISCHEN SAHEL
Lang.: ger. Goettingen, West Germany: Akademie der Wissenschaften. Mathematisch-Physikalische Klasse. 1974. Series title: Akademie der Wissenschaften. Mathematisch-Physikalische Klasse Abhandlungen. Ser.3, Vol.29:p.22-38
Geographical descriptor: Sahel * Africa
- 2337 **Mensching, H**
ANTHROPOGENE EINWIRKUNGEN AUF DAS MORPHODYNAMISCHE PROZESSGEFUERGE IN DER SAHELZONE AFRIKAS
Lang.: ger. 1977. Series title: Deutsche Geographentag Mainz, Tagungsbericht U. Wissenschaftliche Abhandlungen. Vol.41:p.407-416
Descriptor: pediments * fluvial processes * runoff * gully erosion * land use * sedimentation * wind action * eolian soils
Geographical descriptor: Sahel * Sudan * Mali * Niger * Upper Volta * Burkina Faso * Africa
- 2338 **Mensching, H**
BEOBACHTUNGEN U. BEMERKUNGEN ZUM ALTEN DUNENGURTELDER SAHELZONESUDLICH DER SAHARA ALS PALAEOKLIMATISCHER ANZEIGER
Lang.: ger. 1979. Series title: Stuttgarter Gergraphische Studien. Vol.93:p.47-52
Descriptor: dunes * paleoclimatology
Geographical descriptor: Sahel * Africa
- 2339 **Mensching, H**
BERICHT UND GEDANKENUEBER DIE UNITED NATIONS CONFERENCE ON DESERTIFICATION (UNCOD) IN NAIROBI/KENIA
Lang.: ger. 1978. Series title: Erdkunde. Vol.32(1):p.73-76
Descriptor: climate * ecology * desertification * geography * surveys * planning * developing countries * arid land * semiarid climate * climatic change * vegetation change * social aspects
- 2340 **Mensching, H**
BREITET SICH DIE WUSTE AUS? DESERTIFIKATION IN DER SAHELZONE AFRIKAS (Is the Desert Getting Larger? Desertification in the Sahel Zone of Africa)
Lang.: ger. Hamburg, FRG: Hamburg University. Institute fur Geographie und Wirtschaftsgeographie. 1980. Series title: Geokodynamik. Vol.1:p.23-36
Descriptor: deserts * desertification
Geographical descriptor: Sahel * Africa

- 2341 **Mensching, H**
DESERTIFICATION AND ITS IMPACT ON THE ECOSYSTEM OF THE SAHELIAN ZONE
Meeting or Conf.: International Geographical Union, Lagos, Aug. 1978
Lang.: eng. 1978. Series title: International Geographical Union, Regional Conference, Lagos. Vol.1:p.5-8
Descriptor: desertification * ecosystems * conservation * vegetation change * dry farming * plant cover * soil erosion * land reclamation * planning
Geographical descriptor: Sahel * Africa
- 2342 **Mensching, H.; Ibrahim, F**
DESERTIFICATION IN DER SAHELZONE DER REPUBLIK SUDAN
Lang.: ger. 1978. Series title: Afrika Spectrum. Vol.2
Descriptor: desertification * land use * population pressure * planning * carrying capacity
Geographical descriptor: Sudan * Sahel * Africa
- 2343 **Mensching, H**
DESERTIFICATION; EIN KOMPLEXES PHANOMEN DER DEGRADATION UND ZERSTORUNG DES MARGINALTROPISCHEN OKOSYSTEMS IN DER SAHELZONE AFRIKA (Desertification: A Complex Phenomenon of Degradation and Destruction of the Marginal-Tropical Ecosystem in the Sahel Zone of Africa)
Lang.: ger. 1980. Series title: Geomethodica. Vol.5: p.17-41.
Note: Summary language: English, French
Descriptor: desertification * land forms * environmental degradation
Geographical descriptor: Sahel * Africa
- 2344 **Mensching, H.; Ibrahim, F**
DESERTIFIKATION IM ZENTRALTUNESISCHEN STEPPENGEBEIT. EIN BEITRAG ZUR PROBLEMATIK DER ANTHROPOGENEN ZERSTOERUNG DES NUTZUNGSPOTENTIALS IN DEN RANDBEREICHEN DER ARIDEN ZONE
Lang.: ger. 1976. Series title: Akademie der Wissenschaften, Goettingen, Nachrichten, Mathematischphysikalische Klasse. Vol.1976:p.8. 20p
Descriptor: desertification * natural resources
Geographical descriptor: Tunisia * Africa
- 2345 **Mensching, H**
DIE SAHARAIN RAUM UND ZEIT (The Sahara in Space and Time)
Lang.: ger. 1982. Series title: Naturwissenschaftliche Rundschau. Vol.35(3):p.115-116. ISSN 0028-1050
Descriptor: deserts
Geographical descriptor: Sahara * Africa
- 2346 **Mensching, H**
DIE SAHELZONE AFRIKAS: URSACHEN UND KONSEQUENZEN DER DUERREKATASTROPHE (The Sahel Zone of Africa: Causes and Consequences of the Drought Disaster)
Lang.: ger. 1974. Series title: Afrika Spectrum/Deutsche Zeitschrift fuer Moderne Afrikaforschung. Vol.74(3):p.241-259; Vol.9(3):p.241-278
Descriptor: drought * climatic change * overgrazing * wells * land use * human activity * domestic animals
Geographical descriptor: Sahel * Africa
- 2347 **Mensching, H**
DIE WUERSTE SCHREITET VORAN
Lang.: ger. 1978. Series title: Umschau in Wissenschaft und Technik. Vol.4:p.99-106
Descriptor: desertification * nomads * environmental impact * social aspects * humans * pastoralism
Geographical descriptor: Africa
- 2348 **Mensching, H**
FLAECHENBILDUNG IN DER SUDAN- UND SAHEL-ZONE (OBER-VOLTA UND NIGER) (Formation of plains in the Sudanese and the Sahelian Zones: Upper Volta and the Niger)
Lang.: ger. 1970. Series title: Zeitschrift fuer Geomorphologie. Supplementband 10:p.1-29
Descriptor: terrain analysis * climatic geomorphology * arid climate * paleoclimatology * climatic change * plains
Geographical descriptor: Upper Volta * Niger * Sahara * Sahel * Africa
- 2349 **Mensching, H**
KLIMA-GEOMORPHOLOGISCHE PROBLEME DER WADISYSTEME (Climatic geomorphological problems of the Wadi Systems)
Lang.: ger. Munich: Weltforum Verlag. 1971. vol.1,p.219-225.
Note: (In) Die Sahara und ihre Randgebiete by H. Schiffers (ed.)
Descriptor: climatic geomorphology * wadi * climatic change * Quaternary period * fluvial processes
Geographical descriptor: Sahara * Africa
- 2350 **Mensching, H**
LANDFORMS AS A DYNAMIC EXPRESSION OF CLIMATIC FACTORS IN THE SAHARA AND SAHEL, A CRITICAL DISCUSSION
Lang.: eng. 1974. Series title: Zeitschrift fuer Geomorphologie, Supplementband. Vol.20:p.168-177
Descriptor: landforms * climatic geomorphology
Geographical descriptor: Sahara * Sahel * Africa
- 2351 **Mensching, H**
MAROKKO: DIE LANDSCHAFTEN IM MAGHREB
Lang.: ger. Heidelberg, West Germany: Keyser. 1957. 254p
Descriptor: nomads * settlements * human activity * grasses * transhumance * oases * irrigation * steppes * esparto grass * land use * saline soils * saline water * hamadas * pastoralism
Geographical descriptor: Morocco * Africa
- 2352 **Mensching, H.; Ibrahim, F**
NOTES TOWARD THE DEFINITION AND GEOGRAPHICAL ANALYSIS OF THE PROBLEM OF DESERTIFICATION IN AND AROUND ARID LANDS
Lang.: eng. 1985. Series title: Scientific Reviews on Arid Zone Research. Vol.3:p.105-113
Descriptor: arid land * geography * soil fertility * desertification * anthropogenic factors * morphological processes
- 2353 **Mensching, H.; Giessner, K.; Stuckmann, G**
SUDAN, SAHEL, SAHARA. GEOMORPHOLOGISCHE BEOBACHTUNGENAUF EINER FORSCHUNGSEXPEDITION NACH WEST-U. NORDAFRIKA
Lang.: ger. 1970. Series title: Geographische Gesellschaft zu Hannover Jahrbuch. Vol.1969. 219p
Descriptor: rainfall reliability * climatic geomorphology * paleoclimatology * landforms * clay minerals
Geographical descriptor: Sudan * Sahel * Sahara * Air Mountains * Africa
- 2354 **Mensching, H.; Ibrahim, F**
THE PROBLEM OF DESERTIFICATION IN AND AROUND ARID LANDS
Lang.: eng. 1977. Series title: Applied Sciences and Development. Vol.10:p.7-43
Descriptor: desertification * aridity * rainfall * environmental variability * climatic change * climatic fluctuations * erosion * dunes
Geographical descriptor: Tunisia * Sudan * Sahel * Africa
- 2355 **Mensching, H**
TUNESIEN: EINE GEOGRAPHISCHE LAUDES KUNDE
Lang.: ger. Darmstadt, West Germany: Wissenschaftliche Buchgesellschaft. 1968. 281p
Descriptor: crop production * land use * rainfall reliability * soil erosion * Quaternary period * groundwater * crusts * salinity * nomads * cultivation * steppes
Geographical descriptor: Tunisia * Africa

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 U N T E R S U C H U N G E N Z U M
 KULTURLANDSCHAFTSWANDELAM UNTERN ATBARA
 (REPUBLIK SUDAN). EINERSTERBERICHT. (Investigations
 of changes in the ecology and land use of the lower Atbara
 area, Sudan: A preliminary report
 Lang.: ger. 1988. Series title: Erde. Vol.119(3):p.193-202.
 Note: Summaries in English, French
 Descriptor: dams * drought * irrigation programs *
 environmental impact
 Geographical descriptor: Sudan * Atbara Area * Africa
- 2357 *Mensing, H.G.; Barham, N*
 AGRARGEGRAPHISCHFOLGENDERURBANISIERUNG
 VON AMMAN/JORDAN
 Lang.: ger. 1987. 241-246. Note: (In) Erdkunde
 Descriptor: geography * urbanization
 Geographical descriptor: Amman * Jordan * Middle East
- 2358 *Mensing, H.G*
 DESERTIFICATIONIN AMOUNTAIN REGION: THE JEBEL
 MARRA, SUDAN
 Lang.: eng. Kinsington, New South Wales, Australia:
 University of New South Wales, School of Geography. 1980.
 p.29-32. Note: (In) The Threatened Drylands: Regional and
 Systematic Studies of Desertification
 Descriptor: deforestation * environmental impact *
 desertification
 Geographical descriptor: Sudan * Jebel Marra Mountains *
 Africa
- 2359 *Mensing, H.G*
 DESERTIFICATIONIN EUROPE? A CRITICALCOMMENT
 WITH EXAMPLES FROM MEDITERRANEANEUROPE
 Lang.: eng. Dordrecht, The Netherlands: D. Reidel. 1986.
 p.3-6. Note: (In) Desertification in Europe
 Descriptor: desertification
 Geographical descriptor: Europe * Mediterranean Region
- 2360 *Mensing, H.G*
 DESERTIFICATION IN THE SAHELIAN ZONE
 Lang.: eng. Moscow: Centre for International Projects, GKNT.
 1986. Note: (In) Arid Land Development and the Combat
 Against Desertification: An Integrated Approach by M.H.
 Glantz
 Descriptor: arid land * desertification control * water resources
 Geographical descriptor: Sahel * Africa
- 2361 *Mensing, H.G*
 DIE VERANDERUNG DES MORPHODYNAMISCHEN
 PROZESSGEFUGES DURCH DESERTIFICATION IN
 DARFUR
 Lang.: ger. 1984. Note: (In) Beitrage zur Morphodynamik im
 Relief des J. Marra und in Seinem Vorland (Darfur Rep. Sudan)
 Descriptor: morphological processes * desertification
 Geographical descriptor: Darfur * Sudan * Africa
- 2362 *Mensing, H.G*
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 SAHEL ZONE OF AFRICA
 Lang.: eng. 1986. Series title: Applied Geography and
 Development. Vol.27:p.7-18
 Descriptor: deserts * desertification
 Geographical descriptor: Sahel * Africa
- 2363 *Mensing, H.G*
 KLIMA-ANDERUNGENUND KLIMA-SCHWANKUNGENIN
 DER SAHEL ZONE AFRIKASUND DIE ZERSTORUNG DES
 OKOSYSTEMS DURCH DEN MENSCHEN IN
 HISTORISCHER ZEIT
 Lang.: ger. 1980. Vol.44, p.141-159
 Descriptor: climatic change * ecosystems * history
 Geographical descriptor: Sahel * Africa
- 2364 *Mensing, H.G*
 LAND DEGRADATION AND DESERTIFICATION IN THE
 SAHELIANZONE
 Meeting or Conf.: International Research and Desertification in
 the Sahelian Zone
 Lang.: eng. Boulder, CO: Westview Press. 1988. p.605-613.
 Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an
 International Research and Development Conference, by E.E.
 Whitehead, C.F. Hutchinson, B.N. Timmermann, R.G. Varady
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 Descriptor: land degradation * desertification
 Geographical descriptor: Sahel * Africa
- 2365 *Mensing, H.G.; Ibrahim, F.N*
 MAPPING DESERTIFICATION IN THE SUDAN: A
 METHODOLOGICAL APPROACH
 Lang.: eng. Kinsington, New South Wales, Australia:
 University of New South Wales, School of Geography. 1980.
 p.19-28. Note: (In) The Threatened Drylands: Regional and
 Systematic Studies of Desertification
 Descriptor: desertification * mapping * techniques * remote
 sensing
 Geographical descriptor: Sudan * Africa
- 2366 *Mensing, H.G*
 NOMADS AND FARMERS IN THE WEST AFRICANSAHEL:
 PROBLEMS OF COMPETING LAND USE
 Lang.: eng. 1982. Series title: Applied Geography and
 Development. Vol.20:p.7-19
 Descriptor: land use * desertification * nomads
 Geographical descriptor: Sahel * West Africa * Africa
- 2367 *Mensing, H.G*
 OEKOSYSTEM-ZERSTORUNG IN VORINDUSTRIELLER
 ZEIT
 Lang.: ger. 1986. Vol.5, p.15-27. Note: (In) Okologische
 Probleme in Kulturellem Wandel. Ethik der Wissenschaft
 Descriptor: ecosystems * industry
- 2368 *Mensing, H.G*
 PRAKTISCHE MASSNAHMEN ZUR BEKAMPFUNG DER
 DESERTIFICATIONIN LANDERNDEN SAHELIM RAHMEN
 DEUTSCHER PROJEKTE DER ZUSSAMMENARBEIT MIT
 ENTWICKLUNGSLANDERN
 Lang.: ger. 1987. Note: (In) Fachkolloquium des BMZ und
 DSE
 Descriptor: desertification
- 2369 *Mensing, H.G.; Barham, N*
 PRESSURE ON THE PASTURELAND ENVIRONMENT IN
 JORDAN
 Lang.: eng. 1988. Series title: Scientific Cooperation.
 Vol.31:p.37-53
 Descriptor: pastures * geography * environmental impact
 Geographical descriptor: Jordan * Middle East
- 2370 *Mensing, H.G*
 PROBLEMS OF THE MANAGEMENT OF IRRIGATED LAND
 IN AREAS OF TRADITIONAL AND MODERN CULTIVATION
 Meeting or Conf.: International Symposium on Remote Sensing
 of Environment, Proceedings, First Thematic Conference, Cairo,
 Egypt, Jan. 19-25, 1982
 Lang.: eng. 1982. 174p. Note: (In) Remote Sensing of
 Resource Management in Drylands
 Descriptor: water resources management * irrigation
- 2371 *Mensing, H.G*
 SLOPE EROSION AND ITS CONTROL IN THE
 TRADITIONAL FARM LAND OF THE RIF ATLAS
 MOUNTAINS IN MOROCCO
 Lang.: eng. 1985. 168p. Note: (In) Resource Management in
 Drylands by W. Meckelein and H.G. Mensching (eds.)
 Descriptor: farming * slopes * erosion control
 Geographical descriptor: Rif Atlas Mountains * Morocco *
 Africa

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THE DEVELOPMENT OF SMALL AND MIDDLE-SIZED SETTLEMENT AS A MEASURE TO COMBAT DESERTIFICATION, WITH SPECIAL REFERENCE TO THE SAHELIAN ZONE
Lang.: eng. Hamburg, FRG: University of Hamburg. Institute for Geography. 1983. Series title: ITCC Review. Vol.47-48:p.1-10
Descriptor: settlements * desertification control
Geographical descriptor: Sahel * Africa
- 2373 **Mensing, H.G.**
THE SAHELIAN ZONE AND THE PROBLEMS OF DESERTIFICATION: CLIMATIC AND ANTHROPOGENIC CAUSES OF DESERT ENCROACHMENT
Lang.: eng. 1980. Series title: Paleocology of Africa and the Surrounding Islands. Vol.12. p.257-266. Note: (In) Sahara and Surrounding Seas: Sediments and Climatic Changes by M. Sarnthein, E. Seibold, and P. Rognon (eds.)
Descriptor: desertification * paleocology
Geographical descriptor: Sahel * Africa
- 2374 **Meredith, D.**
THE GRASSES AND PASTURES OF SOUTH AFRICA
Lang.: eng. Johannesburg: Central News Agency. 1955. 771p
Descriptor: grasses * pastures * veld
Geographical descriptor: South Africa * Africa
- 2375 **Merrey, D.J.; Conant, F.P.; Tadros, H.R.**
PART I. THE GLOBAL PROBLEM. SECTION B. CASE STUDIES
Lang.: eng. London, U.K.: Academic Press. 1982. p.81-137. ISBN 0-12-658050-2. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective by B. Spooner and H.S. Mann (eds.)
Descriptor: desertification * ecology * social sciences * case studies * case studies
Geographical descriptor: Egypt * Africa * Punjab * Pakistan
- 2376 **Merrey, D.J.**
REORGANIZING IRRIGATION: LOCAL LEVEL MANAGEMENT IN THE PUNJAB (PAKISTAN)
Lang.: eng. London, U.K.: Academic Press. 1982. p.83-109. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective by B. Spooner and H.S. Mann (eds.)
Descriptor: irrigation * water resources management
Geographical descriptor: Pakistan * Punjab
- 2377 **Meyn, K.**
LIVESTOCK CONSTRAINTS
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. Series title: ILCA Bulletin. No.9:p.8-9. Note: (In) Pastoral Development Projects
Descriptor: livestock * animal production * pastoralism * nomads
Geographical descriptor: Africa * Kenya
- 2378 **Mhlanga, L.**
A CONCEPTUAL STUDY OF A MODEL/MODELS OF ECOLOGICALLY VIABLE AND DECENTRALIZED DEVELOPMENT FOR AFRICAN COUNTRIES
Lang.: eng. [Zimbabwe?]: s.n. 198? 42p. Note: Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: natural resources * soil degradation * plant ecology * animal ecology * climate
Geographical descriptor: Africa
- 2379 **Mhlanga, L.; Milner, C.**
United Nations Environment Programme. United Nations Educational Scientific and Cultural Organization
JOINT UNEP/UNESCO PROJECT FORMULATION MISSION ON PROJECT TRAINING PROGRAMME ON DESERTIFICATION CONTROL FOR SADCC COUNTRIES
Lang.: eng. vii, 56p. Note: Unpublished report. Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: desertification control * erosion control * overgrazing * deforestation * information
Geographical descriptor: Botswana * Lesotho * Zambia * Zimbabwe * Tanzania * SADCC Countries * Africa
- 2380 **Michalski, E.**
DIE AGRAREN UMGESTALTUNGEN IM PROZESS DER NATIONAL-DEMOKRATISCHEN REVOLUTION ALGERIENS: BILANZ UND PROBLEME EINER 20 JAHRIGEN ENTWICKLUNG (The Agrarian Transformation in the Course of Algeria's National Democratic Revolution: Situation and Problems of 20 Years' Development)
Lang.: ger. 1983. Series title: Asien, Afrika, Lateinamerika. Vol.11(4):p.649-664. Note: Summary language: English
Descriptor: agricultural development
Geographical descriptor: Algeria * Africa
- 2381 **Michel, A.A.**
THE IMPACT OF MODERN IRRIGATION TECHNOLOGY IN THE INDUS AND HELMAND BASINS OF SOUTHWEST ASIA
Lang.: eng. New York: Natural History Press. 1972. p.257-275. Note: (In) The Careless Technology: Ecology and International Development by M.T. Farvar and J.P. Milton (eds.); 1030p
Descriptor: irrigation effects * irrigation programs * irrigation wells * salinity * water table * groundwater * river basins * social aspects * economic development * economic impact * water resources development * environmental impact
Geographical descriptor: Pakistan * Afghanistan * Iran * Iranian Desert * Helmand River * Indus Basin * India * Middle East
- 2382 **Michel, P.**
GENESE ET EVOLUTION DE LA VALLEE DU SENEGAL, DE BAKEL A L'EMBOUCHURE (AFRIQUE OCCIDENTALE)
Lang.: fre. 1968. Series title: Zeitschrift fuer Geomorphologie. Vol.12(3):p.318-349
Descriptor: Quaternary period * climatic geomorphology * river basins * fluvial processes * gully erosion
Geographical descriptor: Senegal * West Africa * Africa
- 2383 **Michel, P.**
LES BASSINS DES FLEUVES SENEGAL ET GAMBIE. ETUDE GEOMORPHOLOGIQUE
Lang.: fre. Paris: Office de la Recherche Scientifique et Technique Outre-Mer. 1973. Series title: Office de la Recherche Scientifique et Technique Outre-Mer. Memoires. Vol.63. 3 Vols.: 752p
Descriptor: river basins * geomorphology * climatic geomorphology * alluvium
Geographical descriptor: Senegal * Mauritania * Africa
- 2384 **Michel, P.**
SECHERESSE ET TRANSFORMATION DE LA MORPHODYNAMIQUE DANS LA VALLEE ET LE DELTA DU SENEGAL (Drought and Morphodynamic Process Transformations in the Senegal Floodplain and Delta)
Lang.: fre. 1985. Series title: Revue de Geomorphologie Dynamique. Vol.34(4):p.113-130
Descriptor: drought * morphological processes * flood plains * deltas
Geographical descriptor: Senegal * Africa
- 2385 **Michon, P.**
LE SAHARA AVANCE-T'IL VERS LE SUD?
Lang.: fre. 1973. Series title: Bois et Forêts des Tropiques. Vol.150:p.69-80
Descriptor: desertification
Geographical descriptor: Sahara * Africa

- 2386 *Middleton, N.J*
DESERTIFICATION AND WIND EROSION IN THE WESTERN SAHEL: THE EXAMPLE OF MAURITANIA
Lang.: eng. Oxford, U.K.: University of Oxford. School of Geography. 1987. Series title: University of Oxford Research Paper. Vol.40:26p
Descriptor: desertification * wind erosion
Geographical descriptor: Sahel * Mauritania * Africa
- 2387 *Mijatovic, B.; Bakic, M*
LE KARST LIBAN: ETUDE DE SON EVOLUTION D'APRES LES RECHERCHES HYDROGEOLOGIQUES (The Lebanese Karst: Its Evolution Based on Hydrogeologic Research)
Lang.: fre. 1967. Series title: Chronique d'Hydrogeologie. Vol.10:p.95-107
Descriptor: hydrology * Cretaceous period * Tertiary period * Quaternary period * tectonics * reservoirs * mountains * erosion * water level * karst
Geographical descriptor: Lebanon * Middle East
- 2388 *Mikesell, M.W*
THE DEFORESTATION OF MOUNT LEBANON
Lang.: eng. 1969. Series title: Geographical Review. Vol.59(1):p.1-28
Descriptor: forests * timber * animal damage * deforestation * settlements * human activity * logging timber * cultivation
Geographical descriptor: Lebanon * Middle East
- 2389 *Milas, S*
A SEARCH FOR SOLUTIONS TO THE PROBLEM OF DESERTIFICATION IN CHILE
Lang.: eng. May 1981. Series title: Desertification Control Bulletin. No.4:p.6-7,20
Descriptor: plant protection * soil fertility * fertilizers * desertification
Geographical descriptor: Chile * South America
- 2390 *Milas, S*
DESERT SPREAD AND POPULATION BOOM
Meeting or Conf.: The International Conference on Population, Mexico City, Mexico, Aug. 6-14, 1984
Lang.: eng. 1984. Series title: Desertification Control Bulletin. No.11:p.7-16
Descriptor: desertification * human population * developing countries * environmental impact
Geographical descriptor: Africa
- 2391 *Milas, S.; Asrat, M*
EASTERN AFRICA'S SPREADING WASTELANDS
Lang.: eng. 1985. Series title: Desertification Control Bulletin. No.12:p.34-40
Descriptor: desertification control
Geographical descriptor: East Africa * Africa
- 2392 *Milas, S*
POPULATION CRISIS AND DESERTIFICATION IN THE SUDANO-SAHELIAN REGION
Lang.: eng. 1984. Series title: Environmental Conservation. Vol.11(2):p.167-169
Descriptor: drought * desertification * soil fertility
Geographical descriptor: Sudan * Sahel * Africa
- 2393 *Milas, S*
THE POPULATION GROWTH AND DESERTIFICATION CRISIS
Lang.: eng. 1985. Series title: Mazingira. Vol.8(4):p.28-31
Descriptor: population growth * desertification
- 2394 *Milewski, A.V*
HABITAT OF THREATENED SPECIES OF SERRURIA AND PROTEA ENDEMIC TO WESTERN CAPE COASTAL FLATS
Lang.: eng. 1978. Series title: Journal of African Botany. Vol.44(4):p.363-371
Descriptor: habitats * shrubs * extinction * coastal areas * botany * Serruria * Protea
Geographical descriptor: South Africa * Africa
- 2395 *Miller, D*
STUDIES IN RURAL DEVELOPMENT
Lang.: eng. Paris, France: Development Centre of the Organization for Economic Co-operation and Development. 1980. Series title: Development Centre papers. v. Note: Vol.2 Studies on rural water supply
Descriptor: water resources * rural development * case studies * irrigation * water supply
Geographical descriptor: Senegal * Mexico
- 2396 *Miller, J.; Leopold, L.B*
THE USE OF SOILS AND PALEOSOLS FOR INTERPRETING GEOMORPHIC AND CLIMATIC HISTORY OF ARID REGIONS
Meeting or Conf.: Desert Research, International Symposium, Proceedings, Jerusalem, May 7-14, 1952
Lang.: eng. Jerusalem: Research Council of Israel. 1953. Vol.2:p.453-462. Note: Conference sponsored by the Research Council of Israel and UNESCO. Research Council of Israel Special Publication
Descriptor: climate * climatic change * soil types * paleosols * geomorphology * arid land
- 2397 *Miller, R.E.; et al*
GROUND-WATER HYDROLOGY OF THE CHAD BASIN IN BORNU AND DIKWA EMIRATES, NORTHEASTERN NIGERIA, WITH SPECIAL EMPHASIS ON THE FLOW LIFE OF THE ARTESIAN SYSTEM
Lang.: eng. 1968. Series title: U.S. Geological Survey. Water-Supply Paper. 1757-I. 48p
Descriptor: groundwater * water supply * artesian wells * water sources * boreholes * aquifers * subsurface waters
Geographical descriptor: Nigeria * Chad Basin * Africa
- 2398 *Milleville, P*
SECHERESSE ET EVOLUTION DES SYSTEMES AGRAIRES SAHELIENS: LE CAS DE L'OUDALAN NORD DU BURKINA FASO (Drought and the Evolution of Sahelian Agricultural Systems: The Case of Oudalan, North of Burkina Faso)
Lang.: fre. 1985. Series title: Cahiers de la Recherche-Developpement. No.6:p.11-13. Note: Summary language: English, Spanish
Descriptor: agriculture * drought * desertification * meteorology
Geographical descriptor: Burkina Faso * Africa * Sahel
- 2399 *Millman, A.; Rokach, A*
THE DRAMA OF THE DUNES
Lang.: eng. 1984. Series title: The Conglomerate. Vol.45(3):p.7-9. ISSN 0190-1885
Descriptor: dunes * sand
- 2400 *Ministerio do Desenvolvimento Urbano e Meio Ambiente; Secretaria Especial do Meio Ambiente; Secretaria de Planejamento. Coordenadoria de Monitoramento Ambiental*
SEMINARIO SOBRE DESERTIFICACAO NO NORDESET (1986: RECIFE, BRAZIL)
Lang.: por. 1986. 213p
Descriptor: desertification
Geographical descriptor: Brazil * South America
- 2401 *Mirakhtmedov, M*
ZAKREPLENIYE PODVIZHNYKH PESKOV TYAZHRLYMI NEFTYAMI (Fixation of Shifting Sand with Heavy Oils)
Lang.: rus. Tashkent, Uzbek SSR: Tashkent Polytechnical Institute. 1975. 26p. Note: (Candidate dissertation summary)
Descriptor: sand * sand control * oils
- 2402 *Mironov, V.V*
OBLESENIYE PESKOV YUGO-VOSTOKA (Afforestation of Sands in the Southeast)
Lang.: rus. Moscow: Lesnaya Promyshlennost'. 1970. 168p
Descriptor: afforestation * sand * forest vegetation * sand control * agrotechnology
Geographical descriptor: USSR

- 2403 *Miroshnichenko, Y.M.*
CHANGES IN SAXAUL STRUCTURE UNDER THE INFLUENCE OF GRAZING AND MOSS OVERGROWTH IN THE EASTERN KARAKUMS
Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.5:p.18-28. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: Haloxylon ammodendron * plant morphology * grazing effects * moss
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 2404 *Miroshnichenko, Y.M.*
PLANT WATER NOURISHMENT AND IMPACT ON SOIL MOISTURE IN SAXAUL GROWTH
Lang.: rus. Novosibirsk, Russian SFSR: Nauka. 1975. p.228-233. Note: (In) *Vodnyy obmen v osnovnykh tipakh rastitel'nosti SSSR kak element krugovorota vechestva i energii* (Water Exchange in Basic Types of USSR Vegetation as an Element of Matter and Energy Circulation)
Descriptor: Haloxylon * plant nutrition * water uptake * soil moisture * plant growth * plant water relations * energy metabolism
Geographical descriptor: USSR
- 2405 *Mirzayev, K.M.; Kozlov, V.V.*
NOVEYSHIYE TEKTONICHESKIYE DIVIZHENIYA I RAZVITIYEDOLINYR. YEVFRAT (Recent tectonic Movements and the Development of the Euphrates River Valley)
Lang.: rus. 1966. Series title: *Akademiia Nauk SSSR. Izvestiya. Seriya Geograficheskaya*. Vol.5:p.80-85
Descriptor: terracing * rivers * Quaternary period * tectonics
Geographical descriptor: Euphrates River * Syria * Middle East
- 2406 *Mirzazhanov, K.*
SPETSIAL'NYYE METODY ZAKREPLENIYA VNUTRIOAZISNYKH PODVIZHNYKH PESKOV I ISPOL'ZOVANIYE POGREBENNYKH POCHV (Special Methods for the Fixing of Intraoasis Shifting Sands and the Use of Buried Soils)
Lang.: rus. Uzbekistan, Tashkent. 1972. 31p
Descriptor: sand * sand control * oases * buried soils
- 2407 *Mishra, A.; Dash, M.C.*
DESERTIFICATION AROUND HIRAKUD RESERVOIR: RESULTS OF DEFORESTATION, INDIA
Lang.: eng. Spring 1984. Series title: *Environmentalist*. Vol.4(1):p.51-58. ISSN 0251-1088
Descriptor: desertification * deforestation
Geographical descriptor: Hirakud Reservoir * India
- 2408 *Misra, D.K.; Prasad, R.; Bhan, S.*
RECLAMATION OF THE RAJPUTANADESERT
Lang.: eng. 1968. Series title: *World Crops*. Vol.20(3):p.18-24
Descriptor: dry farming * grazing * range management * land management * desertification * shelterbelts * windbreaks * vegetation effects * reclamation * reforestation * sand control * soil conservation * wind erosion
Geographical descriptor: India * Thar Desert * Rajasthan
- 2409 *Mitchell Jr., J.M.; Kiss, E.*
ANNOTATED BIBLIOGRAPHY ON CLIMATIC CHANGES: GENERAL WORKS-THEORIES An annotated bibliography on climatic changes in historical times; synthetic studies
Lang.: eng. 1964. Series title: *Meteorological and Geostrophysical Abstracts*. Vol.15(11):p.2236-2284; (12):p.2434-2478
Descriptor: bibliographies * Paleoclimatology * solar radiation * meteorology * atmospheric circulation * ocean currents * atmospheric precipitation * temperature ranges * glaciers * water level * climatic vegetal relationships * aridity * climatic change * geophysics * climatic geomorphology * seasonality
- 2410 *Mitchell, A.*
PLANTS AND TECHNIQUES USED FOR SAND DUNE RECLAMATION IN AUSTRALIA
Meeting or Conf.: International Co-operation Group on Sand Dune Reclamation, Meeting, Noordwijk, Holland
Lang.: eng. 1972. 10p
Descriptor: dunes * soil stabilization * reclamation * sand control * plant establishment * grasses * plant cover * coastal topographic features * fertilizers * wind action * soil treatment * soil sealants * sand
Geographical descriptor: Australia
- 2411 *Mitchell, A.J.B.*
TANZANIA, TABORAL RURAL INTEGRATED DEVELOPMENT PROJECT, LAND USE COMPONENT: LAND EVALUATION AND LAND USE PLANNING IN TABORA REGION
Lang.: eng. Surrey, U.K.: Overseas Development Administration Land Resources Development Centre. 1984. Series title: *Land Resource Study*. No.35. xiii, 207p. Note: Cover title: *Land Evaluation and Land use Planning in Tabora Region, Tanzania*. Three folded maps in pocket
Descriptor: evaluation * land management * agricultural production * remote sensing * afforestation * climate * rainfall * physico-chemical properties of soils * demography * livestock * economic development * soil classification
Geographical descriptor: Tanzania * Africa
- 2412 *Mitchell, C.W.*
INVESTIGATIONS INTO THE SOILS AND AGRICULTURE OF THE LOWER DIJALA AREA OF EASTERN IRAQ
Lang.: eng. 1959. Series title: *Geographical Journal*. Vol.125:p.390-397
Descriptor: soil types * agriculture
Geographical descriptor: Iraq * Dijala Area * Middle East
- 2413 *Mitchell, C.W.; Naylor, P.E.*
INVESTIGATIONS INTO THE SOILS AND AGRICULTURE OF THE MIDDLE DIJALAREGION OF EASTERN IRAQ
Lang.: eng. 1960. Series title: *Geographical Journal*. Vol.126:p.469-475
Descriptor: soil types * agriculture
Geographical descriptor: Iraq * Dijala Region * Middle East
- 2414 *Mitchell, T.B.*
POTENTIAL WATER YIELD IN SEMI-ARID REGIONS
Lang.: eng. Wallingford, U.K.: International Association of Hydrological Sciences. 1982. No.135:p.37-47. Note: (In) *Optimal Allocation of Water Resources*
Descriptor: water resources * marginal lands
Geographical descriptor: Zimbabwe
- 2415 *Mitchell, W.A.*
MOVEMENT AND PASTORAL NOMADISM: A TENTATIVE MODEL
Lang.: eng. 1971. Series title: *Rocky Mountain Social Science Journal*. Vol.8(1):p.63-71
Descriptor: nomads * social aspects * cultural geography * livestock * grazing * human activity * economic geography * regional geography * environmental models * environment * pastoralism
Geographical descriptor: Sahara * Africa
- 2416 *Mittal, J.P.*
GOAT PRODUCTION UNDER ARID CONDITIONS
Lang.: eng. 1984. Series title: *Indian Farming*. Vol.34(3):p.33-34
Descriptor: goat keeping * milk yield * goats * milk composition * goat milk * meat production * arid land * tropics
Geographical descriptor: Rajasthan * India
- 2417 *Mizrahi, J.; Vadrot, C.M.; Flament, F.; et al*
DOSSIER: MAITRISER L'ENERGIE (Dossier: Managing Energy)
Lang.: fre. Doc. no.: DOC/FI/16 600. 1984. Series title: *Actuel Developpement*. No.61:p.32-47
Descriptor: energy * developing countries * solar energy * fuelwood * geothermal energy * renewable resources
Geographical descriptor: Burkina Faso * Central America * Sahel * Africa

- 2418 *Mog Haddam, M.R*
RESEDA LUTEA: A MULTIPURPOSE PLANT FOR ARID AND SEMIARID LANDS
Lang.: eng. 1977. Series title: *Journal of Range Management*. Vol.30(1):p.71-72
Descriptor: forage * fodder plants * rangelands * *Reseda lutea* * arid land * semiarid land
Geographical descriptor: Iran * Middle East
- 2419 *Mohamed, M.A*
PORTRAIT OF A DRY REGION
Lang.: eng. 1982. Series title: *Unasylva*. Vol.34(135): p.2-7
Descriptor: arid land * deserts
Geographical descriptor: Middle East
- 2420 *Molina, J.S*
LA RECONQUISTA DEL DESIERTO(The Reconquest of the Desert)
Lang.: spa. 1967. Series title: *Ciencia e Investigacion (Buenos Aires)*. Vol.23(11):p.494-501
Descriptor: deserts * reclamation
- 2421 *Moller, J.T*
DESERTIFICATION PROBLEMS IN A HUMID REGION
Meeting or Conf.: Physics of Desertification, Trieste, Italy, Nov. 10-28, 1980
Lang.: eng. Dordrecht, Netherlands: Martinus Nijhoff Publishing Co. 1986. p.59-69. ISBN 90-247-3292-1. Note: (In) *Physics of Desertification*, by F. El-Baz and M.H.A.Hassan, (eds.)
Descriptor: environmental factors * disasters * site factors * desertification * humid zones
Geographical descriptor: Denmark * Scandinavia
- 2422 *Momotov, I.F*
GIPSOFIL'NAYA RASTITEL'NOST' I PUTI FITOMELIORATSII PASTBISHCH GIPSOVYKH PUSTYN' UZBEKISTANA(Gypsophilous Vegetation and Ways of Phytoreclamation of Pastures in Uzbekistan Gypseous Deserts)
Lang.: rus. Tashkent State University. 1973. 57p. Note: (Doctoral dissertation summary)
Descriptor: gypsophilous vegetation * revegetation * pastures * deserts
Geographical descriptor: Uzbek SSR * USSR
- 2423 *Momotov, I.F.; Temnidov, A.M.; Sultanov, M*
RESULTS OF PHYTORECLAMATION WORK ON THE USTYURT
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1971. p.54-66. Note: (In) *Biokompleksy pustyn' i povysheniye ikh produktivnosti (Desert Biocomplexes and Upgrading their Productivity)*
Descriptor: phytoreclamation * deserts * desert development * biocomplexes * desert plants * plant communities
Geographical descriptor: Turkmen SSR * USSR
- 2424 *Monjauze, A*
ESSAI POUR L'UTILISATION RATIONNELLE DES TERRES EN ZONE ARIDE ET SEMI ARIDE
Lang.: fre. Algiers, Morocco: Direction de l'Agriculture et des Forets. 1960. 97p
Descriptor: arid land * semiarid lands * agricultural development * land reclamation
- 2425 *Monjauze, A*
LE PAYS DES DAYAS ET PISTACIA ATLANTICA DESF. DANS LE SAHARA ALGERIEN(The Country of the Dayas, and Pistacia Atlantica Desf., in the Algerian Sahara)
Lang.: fre. 1982. Series title: *Rev. for Fr. Nancy, Ecole Nationale du Genie Rural, des Eaux et des Forets. France*. Vol.4:p.277-291. ISSN 0035-2829
Descriptor: history * deforestation * desertification * livestock * grazing * conservation * forage * trees * fodder plants
Geographical descriptor: Dayas * Algeria * Sahara * Africa
- 2426 *Monod, T*
AUTOUR DU PROBLEME DU DESSECHEMENT AFRICAIN(On the Problem of Dessication in Africa)
Lang.: fre. Institut Francais d'Afrique Noire. 1950. Series title: *Institut Francais d'Afrique Noire. Bulletin*. Vol.12(2):p.514-523
Descriptor: arid land * reforestation * history * deserts * semiarid climate * arid climate * desertification
Geographical descriptor: Africa
- 2427 *Monod, T*
DIE WESTLICHE SAHARA
Lang.: ger. Munich: Weltforum Verlag. 1973. Vol.3:p.28-82,95-160. Note: (In) *Die Sahara und ihre Rendgebiete* by H. Schiffers (ed.)
Descriptor: regional geography
Geographical descriptor: Sahara * Africa
- 2428 *Monod, T*
ESQUISSE GEOGRAPHIQUE DES RICHAT. STRATIGRAPHIE DES RICHAT. TECTONIQUE DES RICHAT
Lang.: fre. 1973. Series title: *Sciences de la Terre. Memoire (Nancy)*. Vol.28. p.17-30,49-76. Note: (In) *Contribution a l'Etude de l'Accident Circulaire des Richat (Adrar, Mauritanie)* by T. Monod and C. Pomerol; 190p
Descriptor: tectonics * stratigraphy * domes * geomorphology * physical geography * terrain analysis
Geographical descriptor: Mauritania * Africa
- 2429 *Monod, T*
L'ADRAR MAURITANIEN (SAHARA OCCIDENTAL); ESQUISSE GEOLOGIQUE(Geologic outline of the Adrar of Mauritania, Western Sahara)
Lang.: fre. 1952. Series title: *Afrique Occidentale Francaise. Direction des Mines. Bulletin (Dakar)*. Vol.15. 2 vols
Descriptor: geology * physical geography * geologic maps
Geographical descriptor: Mauritania * Sahara * Africa
- 2430 *Monod, T.; Toupet, C*
LAND USE IN THE SAHARASAH EL REGION
Lang.: fre. Paris: UNESCO. 1961. Series title: *Arid Zone Research*. Vol.17:p.239-253
Descriptor: Quaternary period * climatic change * ethnology * land use * archaeology * irrigation practices * domestic animals * livestock * nomads * cultivation * pastoralism
Geographical descriptor: Sahel * Africa * Sahara
- 2431 *Monod, T*
LATE TERTIARY AND PLEISTOCENE SAHARA
Lang.: fre. Chicago, IL: Adline Publishing Company. 1963. p.119-229. Note: (In) *African Ecology and Human Evolution* by F.C.Howell and F. Bourliere (eds.), 666p
Descriptor: geography * epoch * Tertiary period * bibliographies
Geographical descriptor: Sahara * Africa
- 2432 *Monod, T.; Pomerol, C*
LE CRATERE DE TENOUMER (MAURITANIE) ET SES LAVES
Lang.: fre. Algeria: Societe Geologique de France. 1967. Series title: *Societe Geologique de France. Bulletin*. Ser.7, 8:p.165-172
Descriptor: craters * lava flow
Geographical descriptor: Mauritania * Africa
- 2433 *Monod, T*
LES BASES D'UNE DIVISION GEOGRAPHIQUE DU DOMAINE SAHARIEN(Bases for a Geographical Division of the Saharan Region)
Lang.: fre. Institut Fondamental d'Afrique Noire. 1968. Series title: *Institut Fondamental d'Afrique Noire. Bulletin*. Vol.30B(1):p.269-288
Descriptor: geomorphology * climatology * humans * ethnology * camels * distribution patterns * regional geography * populations
Geographical descriptor: Sahara * Africa

- 2434 **Monod, T**
LES DESERTS
Lang.: fre. Paris: Horizons de France. 1973. 248p
Descriptor: deserts * physical geography * climate * flora * animal populations * humans * bibliographies
- 2435 **Monod, T**
LES GRANDES DIVISIONS CHRONOLOGIQUES DE L'AFRIQUE(The Large Mapping Divisions of Africa)
Lang.: fre. Commission for Technical Cooperation in Africa. Scientific Council for Africa. 1957. 147p
Descriptor: mapping * biogeography
Geographical descriptor: Africa
- 2436 **Monod, T**
MAJABAT AL-KOUBRA, CONTRIBUTION A L'ETUDE DE L'EMPTY QUARTER OUEST-SAHARIEN
Lang.: fre. Institut Francais D'Afrique Noire. 1963. Series title: Institut Francais d'Afrique Noire. Memoire. Vol.52. 407p
Descriptor: aerial photography * surface properties
Geographical descriptor: Mauritania * Mali * Sahara * Africa
- 2437 **Monod, T**
MODE CONTRACTE ET DIFFUS DE LA VEGETATION SAHARIENNE
Lang.: fre. London, U.K.: Institute of Biology. 1954. p.35-44. Note: (In) Biology of Deserts, Proceedings of a Symposium on the Biology of Hot and Cold Deserts by J.L. Cloudsley-Thompson (ed.)
Descriptor: vegetation types * phytogeography * climatic vegetal relationships
Geographical descriptor: Sahara * Africa
- 2438 **Monod, T**
PARTS RESPECTIVES DE L'HOMME ET DES PHENOMENES NATURELS DANS LA DEGRADATION DU PAYSAGE ET LE DECLIN DE CIVILISATIONS A TRAVERS LE MONDE MEDITERRANEEN LATO SENSU Avec le deserts ou semi-deserts adjacents au cours des derniers millenaires Meeting or Conf.: International Union for the Conservation of Nature and Natural Resources, Technical Meetings, 7th, Athens, 1958, Proceedings and Papers
Lang.: fre. Athens: International Union for the Conservation of Nature and Natural Resources. 1959. Vol.7:p.31-69
Descriptor: climatic change * desertification * environmental impact * history * humans
- 2439 **Monteil, V**
THE EVOLUTION AND SETTLING OF THE NOMADS OF THE SAHARA
Lang.: eng. 1959. Series title: International Social Science Journal. Vol.11(4):p.572-585
Descriptor: nomads * settlements * social aspects
Geographical descriptor: Sahara * Africa
- 2440 **Monteny, B.A**
IMPORTANCE OF THE TROPICAL RAIN FOREST AS AN ATMOSPHERIC MOISTURE SOURCE
Lang.: eng. May 1986. p.449-454. Note: (In) ESA Proceedings of an International Satellite Land-Surface Climatology Project (ISLSCP) Conference
Descriptor: atmospheric precipitation * evapotranspiration * tropical forests * tropics * air land interactions * deforestation * desertification * water vapor * wind action
- 2441 **Mooley, D.A.; Pant, G.B**
DROUGHTS IN INDIA OVER THE LAST 200 YEARS, THEIR SOCIO-ECONOMIC IMPACTS AND REMEDIAL MEASURES FOR THEM
Lang.: eng. Cambridge, MA: Cambridge University Press. 1985. p.465-478. Note: (In) Climate and History by T.M.L. Wigley, et al (eds.)
Descriptor: drought * socioeconomic impacts * climate * history
Geographical descriptor: India
- 2442 **Moomen, S.E.; Barney, C.W**
A MODERN TECHNIQUE TO HALT DESERTIFICATION IN THE LIBYAN JAMAHIRIYA
Lang.: eng. Feb 1981. Series title: Agricultural Meteorology. Vol.23(2): p.131-136
Descriptor: desertification control * sand control * asphalt * afforestation * mulching * dunes * aridisols * trees * soil conservation
Geographical descriptor: Libya * Africa
- 2443 **Mooney, H.A.; Schlegel, F**
LA VEGETACION COSTERA DEL CABO DE LOS MOLLES EN LA PROVINCIA DE ACONCAGUA (Coastal Vegetation of Cape Los Molles, Aconcagua Province, Chile)
Lang.: spa. 1967. Series title: Universidad de Chile (Santiago). Boletin. Vol.75:p.27-32
Descriptor: coastal areas * vegetation * plant communities * shrubs
Geographical descriptor: Cape los Molles * Aconcagua Province * Chile * South America
- 2444 **Mooney, H.A.; et al**
VEGETATION COMPARISONS BETWEEN THE MEDITERRANEAN CLIMATIC AREAS OF CALIFORNIA AND CHILE
Lang.: eng. 1970. Series title: Flora. Vol.159(5):p.480-496
Descriptor: evergreen shrubs * mediterranean climate * vegetation * environmental gradient * evolution * succulents * arid land * plant communities * xerophytes * scrub * climatic vegetal relationships * atmospheric precipitation * productivity * plant growth
Geographical descriptor: Chile * Atacama * California * USA
- 2445 **Moore, C.V.; Snyder, J.H**
MANAGEMENT OF SALINE WATER
Lang.: eng. 1974. Series title: University of California. Water Resources Center Report (Davis). 29. 19p
Descriptor: saline water * agriculture * irrigation effects * law * irrigation water * water quality * economic impact * Mexican water treaty
Geographical descriptor: Colorado River Basin * Salton Sea
- 2446 **Moore, C.W.E**
APPLICATION OF ECOLOGY TO THE MANAGEMENT OF PASTORAL LEASES IN NORTHWESTERN NEW SOUTH WALES
Lang.: eng. 1969. Series title: Ecological Society of Australia. Proceedings. Vol.4:p.39-54
Descriptor: soil erosion * soil water plant relationships * weeds * livestock * overgrazing * phytogeography * ecology * range management * pastures * vegetation * sheep * animal damage * environmental impact
Geographical descriptor: New South Wales * Australia
- 2447 **Moore, P.D.; Stevenson, A.C**
POLLEN STUDIES IN DRY ENVIRONMENTS VEGETATION, IRAN
Lang.: eng. London, U.K.: Academic Press. 1982. p.249-267. ISBN 0126580502. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective by B. Spooner and H.S. Mann (eds.)
Descriptor: arid land * pollen * vegetation
Geographical descriptor: Iran * Middle East
- 2448 **Moore, R.M. (ed.)**
AUSTRALIAN GRASSLANDS
Lang.: eng. Canberra, Australia: Australian National University Press. 1970. 455p
Descriptor: grassland biome * grasslands
Geographical descriptor: Australia

- 2449 **Moormann, F**
THE SOILS OF EAST JORDAN Report to the government
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1959. Series title: Food and Agriculture Organization of the United Nations. EPTA Report. 1132
Descriptor: soil types * physical geography * soil maps * soil classification * soil formation * climate * soil profiles * soil surveys * agriculture * fertilizers * pastures * afforestation * irrigation
Geographical descriptor: Jordan * Middle East
- 2450 **Morales, C**
ICSU. Scientific Committee on Problems of the Environment SAHARAN DUST: MOBILIZATION, TRANSPORT, DEPOSITION
 Meeting or Conf.: Workshop on, Gothenburg
 Lang.: eng. Chichester: Wiley. 1979. Series title: Scope. No.14. xvi, 279p
Descriptor: wind erosion * dust * climate * wind energy
Geographical descriptor: Sahel * Africa
- 2451 **Morales, C**
THE USE OF METEOROLOGICAL OBSERVATIONS FOR STUDIES OF THE MOBILIZATION, TRANSPORT AND DEPOSITION OF SAHARAN SOIL DUST
 Lang.: eng. Chichester: Wiley. 1979. Series title: Scope. No.14:p.119-131. Note: (In) Saharan Dust: Mobilization, Transport, Deposition, 279p
Descriptor: dust * wind erosion * wind energy
Geographical descriptor: Africa * Sahel
- 2452 **Moreau, R.E**
VICISSITUDES OF THE AFRICAN BIOMES IN THE LATE PLEISTOCENE
 Lang.: eng. London: Zoological Society of London. 1963. Series title: Zoological Society of London. Proceedings. Vol.141:p.395-421
Descriptor: Pleistocene epoch * desert biome * environment * plant succession
Geographical descriptor: Africa
- 2453 **Morel, A**
REMARQUES SUR LE MODELE DE DEUX HAUTS MASSIFS DE L'AIR (SAHARA MERIDIONAL)
 Lang.: fre. Paris: Association de Geographes Francais. 1972. Series title: Association de Geographes Francais. Bulletin. Vol.399:p.213-225
Descriptor: massif * mountains * climatic geomorphology
Geographical descriptor: Sahara * Niger * Africa * Air Mountains
- 2454 **Morel, A**
VILLAGES ET OASIS DES MONTS BAGZANE (MASSIF DE L'AIR-NIGER)
 Lang.: fre. 1973. Series title: Revue de Geographie Alpine (Grenoble). Vol.61(2):p.247-266
Descriptor: massif * settlements * cultural geography * oases
Geographical descriptor: Air Mountains * Niger * Africa
- 2455 **Morello, J**
ESTUDIOS BOTANICOS EN LAS REGIONES ARIDAS DE LA ARGENTINA
 Lang.: spa. 1955-1956. Series title: Revista Agronomica del Noroeste Argentino. Vol.1:p.301-370 p.385-524; Vol.2:p.79-152
Descriptor: arid land * Larrea * xerophytes * plant morphology * plant ecology * plant physiology * roots * erosion * microenvironment * botany
Geographical descriptor: Argentina * Monte * Patagonian Desert * South America
- 2456 **Morey, E.R**
DESERTIFICATION FROM AN ECONOMIC PERSPECTIVE
 Meeting or Conf.: Paper presented at an International Conference, Venice, Italy, Oct. 21-26, 1985
 Lang.: eng. 1986. p.101-110. Note: (In) Science of the Total Environment Vol.55, Nov. 1, 1986, Man's Role in Changing the Global Environment Part A
Descriptor: desertification * economic impact
- 2457 **Morgan, R**
THE DEVELOPMENT AND APPLICATIONS OF A DROUGHT EARLY WARNING SYSTEM IN BOTSWANA
 Lang.: eng. 1985. Series title: Disasters. Vol.9(1):p.44-50
Descriptor: drought * early warning systems
Geographical descriptor: Botswana * Africa
- 2458 **Morgan, W.T.W**
THE SOUTH TURKANA EXPEDITION Scientific Papers 4: Land Units of the Lokori Area
 Lang.: eng. 1971. Series title: Geographical Journal. Vol.137(1):p.14-23
Descriptor: land use * soil types * physical geography * aerial photography * ecology
Geographical descriptor: Kenya * Turkana * Africa
- 2459 **Moritani, T**
THE GHANATS (QANATS) IN WEST ASIA
 Lang.: jap. 1966. Series title: Geographical Review of Japan. Vol.39(7):p.499-503
Descriptor: qanats * mountains * water loss * water table * wells * geomorphology * water extraction * water resources development * water supply * dams * reservoirs
Geographical descriptor: Iran * Middle East
- 2460 **Morocco. Ministere de l'Agriculture et de la Reforme Agraire: Food and Agriculture Organization**
PLAN NATIONAL DE LUTTE CONTRE LA DESERTIFICATION (National Plan of Desertification Control)
 Lang.: fre. UN Doc. no.: FAO-TCP/MOR/4506(A). Rabat, Morocco. Nov. 1986. 166p
Descriptor: desertification * national planning * environmental factors * agriculture * natural disasters
Geographical descriptor: Francophone Africa * Africa
- 2461 **Morris, A.S**
THE DEVELOPMENT OF THE IRRIGATION ECONOMY OF MENDOZA, ARGENTINA
 Lang.: eng. 1969. Series title: Association of American Geographers. Annals. Vol.59(1):p.97-115
Descriptor: tenure systems * irrigation * economic development * land use
Geographical descriptor: Mendoza Province * Argentina * Monte * South America
- 2462 **Morris, E.H**
MODERN OVERGRAZING BY LIVESTOCK AS THE DIRECT CAUSE OF RUIN OF SOUTHWESTERN AGRICULTURE, WITH NOTE BY H.H. CHAPMAN
 Lang.: eng. 1948. Series title: Journal of Forestry. Vol.46(12):p.929-931
Descriptor: livestock * overgrazing * grazing * range management * erosion * vegetation change * gully erosion * archaeology * history * agronomy * grassland biome * grasslands
Geographical descriptor: Colorado River Basin * New Mexico * Southwestern U.S
- 2463 **Mortimore, M**
SHIFTING SANDS AND HUMAN SORROW: SOCIAL RESPONSE TO DROUGHT AND DESERTIFICATION
 Lang.: eng. 1987. Series title: Desertification Control Bulletin. No.14:p.1-14. ISBN 0-900926-51-1
Descriptor: drought * land use * rural development * arid land
Geographical descriptor: Nigeria * Africa
- 2464 **Mortimore, M**
SHIFTING SANDS AND HUMAN SORROW: SOCIAL RESPONSE TO DROUGHT AND DESERTIFICATION
 Lang.: eng. 1985. 31p. Note: Paper presented as a lecture to the Society of Fellows of Durham University Research Foundations
Descriptor: drought * desertification * social aspects * sociology * ecological behavior
Geographical descriptor: Nigeria * Africa

- 2465 *Mortimore, M.J*
ADAPTING TO DROUGHT: FARMERS, FAMINES, AND DESERTIFICATION IN WEST AFRICA
Lang.: eng. Cambridge, NY: Cambridge University Press. 1988. ISBN 0521323126
Descriptor: famine * agriculture * economic aspects * drought * desertification * farming * rural conditions
Geographical descriptor: Nigeria * Africa
- 2466 *Mortimore, M.J*
DESERTIFICATION AND RESILIENCE IN SEMI-ARID WEST-AFRICA
Lang.: eng. 1988. Series title: *Geography*. Vol.73(318):p.61-64
Descriptor: desertification * semiarid lands
Geographical descriptor: Africa * West Africa
- 2467 *Mortimore, M.J*
THE CHANGING RESOURCES OF SEDENTARY COMMUNITIES IN AIR, SOUTHERN SAHARA
Lang.: eng. 1972. Series title: *Geographical Review*. Vol.62:p.71-91
Descriptor: settlements * nomads * agriculture * social aspects * rural communities * pastoralism
Geographical descriptor: Sahara * Niger * Sahel * Africa
- 2468 *Moseley, F*
EXPLORATION FOR WATER IN THE ADEN PROTECTORATE
Lang.: eng. 1966. Series title: *Royal Engineers Journal*. Vol.80:p.124-142
Descriptor: water sources * exploration
Geographical descriptor: Arabian Peninsula * Aden * Middle East
- 2469 *Mounfort, G*
PORTRAIT OF A DESERT: THE STORY OF AN EXPEDITION TO JORDAN
Lang.: eng. London, U.K.: Collins. 1965. 192p
Descriptor: desert plants * desert animals * insects * birds
Geographical descriptor: Jordan * South America
- 2470 *Mrost, A.Y*
ANCIENT AND CONTEMPORARY DESERTIFICATION IN IRAQ
Lang.: eng. 1984. Series title: *Problems of Desert Development*. No.2:p.11-18. Note: Translated from: *Problemy Osvoeniya Pustyn* (1984, No.2:p.11-18)
Descriptor: desertification
Geographical descriptor: Iraq * Middle East * Persian Gulf
- 2471 *Mrost, A.Y*
DESERTIFICATION HAZARD MAP IN LOWER MESOPOTAMIA (IRAQ)
Lang.: eng. New York: Allerton Press. 1987. Series title: *Problems of Desert Development*. 1987(4):p.39-46. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn*, 1987(4):p.37-45
Descriptor: arid zones * irrigation * human activity * environmental impact * ecosystems * agriculture * salinization
Geographical descriptor: Iraq * Middle East
- 2472 *Muchoki, C.H.K*
LAND USE IN NYANDARUADISTRICT
Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1985. Series title: *Technical Report*. No.117. 33p
Descriptor: land management * remote sensing * rainfall * soil surveys * soil maps * rangelands * animal populations * agricultural production
Geographical descriptor: Kenya * Nyandarua District * Africa
- 2473 *Muegler, W.F*
EFFECTS OF SPRING AND FALL GRAZING BY SHEEP ON VEGETATION OF THE UPPER SNAKE RIVER PLAINS
Lang.: eng. 1950. Series title: *Journal of Range Management*. Vol.3(4):p.308-315
Descriptor: grazing * seasonality * range management * vegetation change * grasslands * grassland biome * plant invaders * shrubs * forbs * carrying capacity * forage production * rangelands * pastures * sheep
Geographical descriptor: Idaho
- 2474 *Mugurusi, E.K*
TANZANIA: DESERTIFICATION CONTROL: COUNTRY PAPER FOR THE WORKSHOP ON DESERTIFICATION CONTROL, HELD IN KHARTOUM, SUDAN, 23RD TO 30TH OCTOBER, 1982
Meeting or Conf.: Workshop on Desertification Control, Khartoum
Lang.: eng. 6p
Descriptor: desertification control * erosion control * environmental impact * rainfall * agricultural production * planning * soil degradation
Geographical descriptor: Tanzania * Africa
- 2475 *Muhammad, K*
A NOTE ON THE AFFORESTATION OF SHIFTING SAND DUNES AREA IN THE THAL (DESERT) AREA OF THE PUNJAB
Lang.: eng. 1952. Series title: *Pakistan Journal of Forestry*. Vol.2:p.276-279
Descriptor: soil stabilization * sand control * dunes * plant establishment * sedimentation * silts * irrigation * afforestation
Geographical descriptor: Punjab * India
- 2476 *Muir, A*
NOTES ON THE SOILS OF SYRIA
Lang.: eng. 1951. Series title: *Journal of Soil Science*. Vol.2:p.163-183
Descriptor: soil types * physico-chemical properties of soils * clay minerals * aridisols * deserts * steppes * solonchaks
Geographical descriptor: Syria * Middle East
- 2477 *Mukhammedov, G.; Alekseyev, B.M*
WATER REGIMEN OF CENTRAL KARAKUM SOILS
Lang.: eng. 1975. Series title: *Problems of Desert Development*. Vol.5:p.44-50. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: water regimen * soil moisture * deserts
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 2478 *Mukhammedov, G.M*
CONIFEROUS GROWTH IN THE KARAKUM DESERT
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1972. 92p
Descriptor: coniferae * plant growth * plant ecology * propagation * Ephedra * sandy soils * deserts * afforestation * taxonomy
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 2479 *Mulay, B.N*
PATTERNS OF PLANT DISTRIBUTION IN RAJASTHAN
Lang.: eng. 1961. Series title: *Indian Botanical Society Memoirs*. Vol.3:p.9-12
Descriptor: plant distribution * grazing * climatic change * desertification
Geographical descriptor: Rajasthan * India
- 2480 *Mulcahy, M.J*
SALINISATION IN THE SOUTHWEST OF WESTERN AUSTRALIA
Lang.: eng. 1978. Series title: *Search*. Vol.9(7):p.269-272
Descriptor: saline soils * saline water * water balance * evapotranspiration
Geographical descriptor: Western Australia * Australia

- 2481 **Muniz, O**
UNA MICRO-REGION DE ESTANCAMIENTO EN LA REGION II: PROVINCIA DE ANTOFAGASTA (A Stagnated Microregion in Region II: Antofagasta Province)
Lang.: spa. Antofagasta, Chile: Universidad del Norte. 1972. 10p
Descriptor: regional surveys * migration * demography * social aspects * agriculture * livestock * economic development * economic impact
Geographical descriptor: Antofagasta Province * Chile * South America
- 2482 **Munoz, R.; Espinoza, C**
ROCIO Y NIEBLAS: RECURSOS HIDRICOS NO CONVENCIONALES EN LAS ZONAS ARIDAS (Dew and Fogs: Non-conventional Hydric Resources in Arid Zones)
Lang.: spa. Santiago: Plandes, El Hombre en la Zona Arida del Norte Chileno. 1970. p.44-49
Descriptor: arid land * dew * fog * atmospheric condensation
- 2483 **Muradov, B**
CULTIVATION OF SORGHUM ON SANDS IN THE KOPET-DAGH OASIS
Lang.: rus. 1973. Series title: Problemy Osvoeniya Pustyn. No.3:p.71-74. Note: Summary in English
Descriptor: Sorghum bicolor * irrigation * fertilizers * nitrogen * phosphorus * organic fertilizers
Geographical descriptor: USSR * Turkmen SSR * Kopet-Dagh Oasis
- 2484 **Muradov, B.K**
PHYTOCLIMATE IN THE DEVELOPMENT OF OASES SANDS
Lang.: eng. 1975. Series title: Problems of Desert Development. No.2:p.68-70. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: oases * sand * climatology * plant ecology * deserts
- 2485 **Muradov, B.K**
SUDAN GRASS CULTIVATION ON AEOLIAN SANDS
Lang.: rus. 1980. Series title: Problemy Osvoeniya Pustyn. No.3:p.80-83. Note: Summary in English
Descriptor: Sorghum sudanese * crops * nitrogen * fertilizers * phosphorus * plants * sand
Geographical descriptor: USSR
- 2486 **Murray Rust, D.H**
SOIL EROSION AND RESERVOIR SEDIMENTATION IN A GRAZING AREA WEST OF ARUSHA, NORTHERN TANZANIA
Lang.: eng. 1972. Series title: Geografiska Annaler. Vol.45A. p.325. Note: (In) Studies of Soil Erosion and Sedimentation in Tanzania by A. Rapp, L. Berry, and P.H. Temple (eds.)
Descriptor: soil erosion * sedimentation * reservoirs * overgrazing * sheet erosion * gully erosion * catchments
Geographical descriptor: Tanzania * Africa
- 2487 **Murray, A.V**
AN ANALYSIS OF CHANGES IN SONORAN DESERT VEGETATION FOR THE YEARS 1928-1957
Lang.: eng. Tucson, AZ: University of Arizona Press. 1959. 146p. Note: (M.S. Thesis)
Descriptor: desert plants * shrubs * perennials * quantitative sampling * rainfall * vegetation effects * soil surfaces * grazing * plant establishment * plant succession
Geographical descriptor: Sonoran Desert * Arizona * Tumacac Hill * Southwestern U.S
- 2488 **Murray, G.W**
THE EGYPTIAN CLIMATE, AN HISTORICAL OUTLINE
Lang.: eng. 1951. Series title: Geographical Journal. Vol.117:p.422-434
Descriptor: paleoclimatology * history * geomorphology * soil erosion * wind erosion * deserts * arid land * Pleistocene epoch * rainfall * atmospheric precipitation * climatic change * desertification
Geographical descriptor: Egypt * Sudan * Nile River * Africa
- 2489 **Murrell, B**
HYDROLOGICAL REGIMES IN THE AUSTRALIAN ARID ZONE WITH NOTES ON THE CURRENT CHANGES IN HYDROLOGICAL REGIME IN THE WILLOURAN RANGES, SOUTH AUSTRALIA
Lang.: eng. 1984. ISBN 0730502228. Note: (In) Arid Australia by H.G. Cogger and E.E. Cameron (eds.)
Descriptor: arid climate * water resources * rainfall * hydrometeorology * desertification * arid land * deserts
Geographical descriptor: Australia * Willouran Ranges * South Australia
- 2490 **Murthy, K.N.K.; Isaac, V.C.; Bohra, D.N**
WATERPROOFING OF FIELD IRRIGATION CHANNELS IN DESERT SOILS
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1982. Series title: CAZRI Monograph. No.15. 111, 23p., [3]p. of plates
Descriptor: water conservation * soil classification * marginal lands * irrigation * water management * waterproofing * deserts
Geographical descriptor: India * Rajasthan
- 2491 **Murthy, R.S.; Pandey, S**
LANDSAT ANALYSIS FOR DETECTION OF GROUND WATER IN RAJASTHAN DESERT
Meeting or Conf.: International Symposium on Arid Zone Research and Development, Jodhpur, India, Feb. 14-18, 1978
Lang.: eng. 1980. p.59-61. Note: (In) Arid Zone Research and Development by H.S. Mann (ed.)
Descriptor: Landsat * satellites * remote sensing * groundwater * deserts
Geographical descriptor: Rajasthan * India
- 2492 **Murzayev, E.M**
PRIRODA SIN TSZIANA I FORMIROVANIIE PUSTYN TSENTRALNOI AZII (Nature of Sinkiang and Formation of the Deserts of Central Asia)
Lang.: rus. Moscow. 1966. Note: Translated, 1967, by Joint Publications Research Service, Washington, D.C., as JPRS 40299; 621p
Descriptor: climate * bibliographies * translations * surface water * soil surfaces * animal populations * glacial geology * landforms * vegetation
Geographical descriptor: Sinkiang * Central Asia * China
- 2493 **Museen der Stadt (Cologne)**
SAHARA: 10,000 JAHRE ZWISCHEN WEIDE UND WUESTE. HANDBUCH ZU EINER AUSSTELLUNG DES RAUTENSTRAUCH-JOEST-MUSEUMS FUER VOLKERKUNDE
Lang.: ger. Cologne, West Germany: Museen der Stadt. 1978. 470p
Descriptor: climatic change * aridity * human activity * social aspects
Geographical descriptor: Sahara * Africa
- 2494 **Musick, H.B**
TEMPORAL CHANGE OF LANDSAT MSS ALBEDO ESTIMATES IN ARID RANGELAND
Lang.: eng. Oct. 1986. Series title: Remote Sensing Environment. Vol.20(2):p.107-120. ISSN 0034-4257
Descriptor: rangelands * arid land * environmental degradation * albedo * remote sensing * multispectral imagery * Landsat * ground cover * soil reflection * desertification
Geographical descriptor: New Mexico
- 2495 **Musnad, H.A.R.; El Rasheed, M.A**
SOIL CONSERVATION AND LAND RECLAMATION IN THE SUDAN
Lang.: eng. Tokyo: United Nations University. 1979. p.45-48. Note: (In) Khartoum Workshop on Arid Lands Management, Proceedings by J.A. Mabbutt (ed.), 97p
Descriptor: soil conservation * reclamation * regional surveys * water conservation * soil stabilization * sand * dunes * soil fertility * overgrazing * fire effects * social aspects * sand control
Geographical descriptor: Sudan * Sahel * Africa

- 2496 *Mutiso, G.C.M*
KENYA MARGINAL/ SEMI-ARID LANDS, PRE-INVESTMENT INVENTORY
Lang.: eng. Nairobi, Kenya: Consortium for International Development. 1978. 262p. Note: Content - Report no. 7: Institutions. Prepared for the Government of Kenya
Descriptor: marginal lands * social services * information * economic development * rural development
Geographical descriptor: Kenya
- 2497 *Mwandarya, M.J.; Lukanga, M.L*
ANALYTICAL MODEL FOR A BIOMASS SYSTEM
Lang.: eng. Sept. 1985. Series title: *Energy* (Oxford). Vol.10(9):p.1023-1028. ISSN 0360-5442
Descriptor: biomass * analytical methods * energy resources
- 2498 *Mwendwa, H*
LAND USE IN SOUTH NYANZADISTRICT
Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1985. Series title: *Technical Report*. No.116. 20p. Note: one folded map in pocket
Descriptor: land management * remote sensing * agricultural production * grazing * climate * demography * soil surveys * rainfall * livestock * animal populations
Geographical descriptor: Kenya * Nyanza District * Africa
- 2499 *Mwendwa, H*
LAND USE IN UASIN GISHU DISTRICT
Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1986. Series title: *Technical Report*. No.124. 21p. Note: one folded map in pocket
Descriptor: land management * climate * soil classification * soil surveys * livestock * rangelands * remote sensing * drainage * rainfall
Geographical descriptor: Kenya * Uasin Gishu District
- 2500 *Myers, N*
ECONOMICS AND ECOLOGY IN THE INTERNATIONAL ARENA: THE PHENOMENON OF 'LINKED LINKAGES'
Lang.: eng. 1986. Series title: *Ambio/A Journal of the Human Environment*. Vol.15(5):p.296
Descriptor: economy * ecology * environmental impact
- 2501 *Myers, N*
JUST ONE MORE COW
Lang.: eng. Feb. 1984. Series title: *BBC Wildlife*. Vol.2(2):p.70
Descriptor: wildlife * cattle * environmental impact * grazing effects
- 2502 *Myers, V.I*
JUSTIFICATION FOR MONITORING THE PROCESSES OF DESERTIFICATION
Lang.: eng. Brookings, S.D.: South Dakota State University. Remote Sensing Institute. 1976? [8]p
Descriptor: remote sensing * environmental impact
- 2503 *Myers, V.I*
REMOTE SENSING APPLICATIONS IN AGRICULTURE
Lang.: eng. VA: American Society of Photogrammetry. 1983. p.2111-2228. Note: (In) *Manual of Remote Sensing*. Vol.2. Interpretation and Applications by R.N. Colwell, D.S. Simonette, F.T. Ulaly, et al (eds.)
Descriptor: remote sensing * agriculture * monitoring * Assessment for Remote Sensing * Large Area Crop Inventory Experiment * photogrammetry
- 2504 *Myers, V.I.; Mann, H.S.; Moore, D.; et al*
REMOTE SENSING FOR MONITORING RESOURCES FOR DEVELOPMENT AND CONSERVATION OF DESERT AND SEMI-DESERT AREAS
Lang.: eng. Jodhpur, India: Scientific Publishers. 1980. p.505-513. Note: (In) *Arid Zone Research and Development* by H.S. Mann (ed.)
Descriptor: desertification * mapping * remote sensing * deserts * arid land
- 2505 *Naegle, A.F.G*
EMASAR PHASE II: VOLUME III. PLANTES FOURRAGERESSPONTANEESE L'AFRIQUETROPICALE SECHE
Lang.: fre. Rome, Italy: Food and Agriculture Organization. 1977. iv, 510p
Descriptor: plant growth * grazing * rangelands * deserts * marginal lands * forage crops * fodder
Geographical descriptor: Sahel * Africa
- 2506 *Naegeli, W*
SHELTERBELTS AND WINDBREAKS; REPORT TO THE GOVERNMENT OF ISRAEL
Lang.: eng. Rome, Italy: FAO. 1957. Series title: *EPTA Report*. 586. 27p
Descriptor: shelterbelts * windbreaks * erosion control * desertification control
Geographical descriptor: Israel * Middle East
- 2507 *Nafissa, A.R.; Mclvor, C*
DECAY OF THE LAND
Lang.: eng. 1982. Series title: *Sudanow*. Vol.7(12):p.9-12. Note: Paper for regional workshop on Combating Desertification, Khartoum, Sudan, Oct. 1982
Descriptor: desertification * soil conservation
Geographical descriptor: Western Sudan * Sudan * Africa
- 2508 *Nagar, B.R*
ENERGY CRISIS, FOOD CRISIS, DESERTIFICATION AND ORGANIC RECYCLING
Lang.: eng. New Delhi, India: Jawaharlal Nehru University. School of Environmental Science. 1981. Series title: *Journal of Scientific & Industrial Research*. Vol.40(3):p.147-153
Descriptor: deserts * energy crisis * food crises * organic recycling * desertification
- 2509 *Nagatani, R.M*
THE DYNAMIC INFLUENCES OF DIABATIC HEAT SINKS AND THE HIMALAYAN MOUNTAIN RANGE ON THE VERTICEMOTION FIELD OVER INDIA
Lang.: eng. University of Wisconsin. 1968. 80p. Note: (M.S. Thesis)
Descriptor: physical geography * orography * climatology * atmospheric circulation * deserts
Geographical descriptor: Rajasthan * Thar Desert * India
- 2510 *Nahal, I*
CLASSEMENT PROVISOIRE DES TERRAINSET REMEDES POUR LA LUTTE CONTRE L'EROSION HYDRIQUE EN SYRIE. CONSERVATION DES SOLS, CONSERVATION DE L'EAU, ZONE ARIDE, ZONE SEMI-ARIDE (Provisional Land Classification and Remedies for Water Erosion in Syria. Soil Conservation, Water Conservation, Arid Zone, Semi-arid Zone)
Lang.: fre. Paris: Institut National Agronomique Paris-Grignon (INAPG). 1984. Series title: *Sols*. No.14. p.39-69. ISBN 2-903643-12-1. Note: Summary language: English; (In) *Facteurs Edaphiques. Lutte contre l'Erosion, et Desertification en Region Mediterraneenne*. (Edaphic Factors Control of Erosion and Desertification in the Mediterranean Region)
Descriptor: water erosion * erosion control * edaphic factors * arid land * semiarid lands * soil conservation * water conservation * classification * climatic zones * environmental factors * injurious factors * plant ecology * resource conservation * site factors * soil management * water management
Geographical descriptor: Syria * Middle East

- 2511 *Nahal, I*
IMPACT OF IRRIGATION ON ENVIRONMENT WITH SPECIAL REFERENCE TO THE ECWA REGION. IRRIGATION AND AGRICULTURAL DEVELOPMENT
 Meeting or Conf.: Irrigation and Agricultural Development. Based on an International Expert Consultation, Baghdad, Iraq, Feb. 24-Mar. 1, 1979
 Lang.: eng. Oxford, U.K.: Pergamon Press for United Nations. 1980. p.85-96. ISBN 0-08-025675-9. Note: (In) Irrigation and Agricultural Development. Based on an International Expert Consultation, Baghdad, Iraq, February 24-March 1, 1979 by S.S. Johl (ed.)
Descriptor: irrigation * arid land * environmental impact
Geographical descriptor: Middle East * Africa * Asia * ECWA Region
- 2512 *Nahal, I*
MANAGEMENT, CONSERVATION AND DEVELOPMENT OF AGRICULTURAL RESOURCES IN THE SYRIAN ARAB REPUBLIC
 Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, Damascus, Syrian Arab Republic, May 9-15, 1981
 Lang.: eng. New York: UN Economic and Social Council. 1981. 30p. Note: (In) Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, Damascus, Syrian Arab Republic, May 9-15, 1981 Vol.2
Descriptor: agricultural development * desertification
Geographical descriptor: Syria * Africa * ECWA Region
- 2513 *Nahal, I*
PROBLEMES DE DESERTIFICATION EN REGION MEDITERRANEENNE (Desertification Problems in the Mediterranean Region)
 Lang.: fre. Paris: Institut National Agronomique Paris-Grignon (INAPG). 1984. Series title: Sols. No.14. p.71-105. ISBN 2-903643-12-1. Note: (In) Facteurs Edaphiques. Lutte contre l'Erosion, et Desertification en Region Mediterraneenne. (Edaphic Factors. Control of Erosion and Desertification in the Mediterranean Region)
Descriptor: desertification * climatology * soil conservation * injurious factors * natural disasters * resource conservation * soil management
Geographical descriptor: Mediterranean
- 2514 *Nahal, I*
ROLE DES FACTEURS EDAPHIQUES DANS L'ORGANISATION ET LA REPARTITION DE LA VEGETATION FORESTIERE SOUS CLIMAT MEDITERRANEEN. GROUPE ECOLOGIQUE, PINUS SPP., QUERCUS SPP. (Role of Edaphic Factors in the Organization and Repartition of Forest Vegetation in a Mediterranean Climate. Ecological Group, Pinus spp., Quercus spp.)
 Lang.: fre. Paris: Institut National Agronomique Paris-Grignon (INAPG). Jul. 1984. Series title: Sols. No.14. p.5-37. ISBN 2-903643-12-1. Note: (In) Facteurs Edaphiques. Lutte contre l'Erosion, et Desertification en Region Mediterraneenne. (Edaphic Factors. Control of Erosion and Desertification in the Mediterranean Region)
Descriptor: Pinus halepensis * Pinus brutia * Quercus * forest ecology * edaphic factors * soil parent materials * dicotyledons * coniferae * economic plants * environmental conditions * fagaceae * fagales * gymnosperms * Pinaceae * plant ecology * site factors * soil genesis * structural crops * timber trees
Geographical descriptor: Mediterranean Region
- 2515 *Naigeon, C*
DESERT, BANLIEUE DE NOUAKCHOTT (The Desert, Suburb of Nouakchott)
 Lang.: fre. 1986. Series title: Inter Tropiques Agricultures. No.17:p.4-7. ISSN 0755-6152
Descriptor: rural urban migration * desertification * nomads * urban areas * economic geography * human population * natural disasters * population change
Geographical descriptor: Nouakchott * Mauritania * Francophone Africa * Africa
- 2516 *Naigeon, C*
METHODES ET PROGRAMMES DE LUTTE CONTRE LA DESERTIFICATION (Methods and Programs for Controlling Desert Formation Africa)
 Lang.: fre. Sept. 1980. Series title: Afr. Agric. (Paris). Vol.61:p.46-48
Descriptor: desertification control * desert formation * deserts
- 2517 *Naito, M*
WATER RESOURCE MANAGEMENT IN THE OASIS OF DAMASCUS: MAN'S ROLE IN CHANGING PHASES OF DESERTIFICATION
 Lang.: eng. 1985. Series title: Stuttgarter Geographische Studien. Vol.105:p.103-114
Descriptor: resource management * dryland * water resources * oases
Geographical descriptor: Damascus * Syria * Middle East
- 2518 *Nakayama, Y.; Tanaka, S*
RELATION BETWEEN PRECIPITATION AND BRIGHTNESS OF EARTH SURFACE IN THE NOAA/GVIP DATA
 Meeting or Conf.: International Symposium on Space Technology and Science, 15th, Tokyo, Japan, May 19-23, 1986
 Lang.: eng. 1986. p.1643-1650
Descriptor: brightness * deforestation * desertification * NOAA * satellites * precipitation * meteorology * satellite imagery * vegetative index * earth surface * tropics
Geographical descriptor: Chad * Africa
- 2519 *Namias, J*
INFLUENCE OF NORTHERN HEMISPHERE GENERAL CIRCULATION ON DROUGHT IN NORTHEASTERN BRAZIL
 Lang.: eng. 1972. Series title: Tellus. Vol.24(4):p.336-342
Descriptor: drought * atmospheric circulation * anticyclones * atmospheric precipitation * trade winds * precipitation deficit
Geographical descriptor: Brazil * South America
- 2520 *Nancholas, R.A*
THE EROSION OF PASTORALISM AND THE LIMITATIONS OF RELIEF INTERVENTION IN KARAMOJA, UGANDA
 Lang.: eng. 1987. Series title: Index to Theses Accepted for Higher Degrees in the Universities of Great Britain and Ireland. Vol.36(1):p.98-99
Descriptor: development policy * desertification * pastoralism * drought
Geographical descriptor: Uganda * Karamoja * Africa
- 2521 *Nangju, D*
SOIL MANAGEMENT RESEARCH: A SUGGESTED APPROACH
 Lang.: eng. 1986. Note: (In) Soil Management Under Humid Conditions in Asia and the Pacific (Asialand), IBSRAM Proceedings No. 5
Descriptor: soil research * soil management * humidity
Geographical descriptor: Asia * Pacific
- 2522 *Naqvi, S.N*
DESALINIZATION OF SEA WATER BY USING WIND AND SOLAR ENERGY FOR DEVELOPMENT OF MARINE DESERT NEAR KARACHI
 Lang.: eng. Pakistan Meteorological Department. 1958
Descriptor: coastal deserts * solar energy * wind power * desalination
Geographical descriptor: Karachi * Pakistan
- 2523 *Naqvi, S.N*
PERIODIC VARIATIONS IN WATER BALANCE IN AN ARID REGION: A PRELIMINARY STUDY OF 100 YEARS' RAINFALL AT KARACHI
 Lang.: eng. Paris: UNESCO. 1958. Series title: Arid Zone Research. Vol.11:p.326-345
Descriptor: rainfall * weather data * water balance * solar radiation * climatology * weather patterns
Geographical descriptor: Karachi * Pakistan

- 2524 *Narayana, V.V.D*
RECLAIMING ALKALISOILS: ENGINEERING ASPECTS
Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1980. Series title: ICAR Bulletin. No.6. 61p
Descriptor: alkaline soils * soil improvement * drainage * water management * soil maps
Geographical descriptor: India
- 2525 *National Academy of Sciences*
SAHEL REGIONAL AID PLANNING AND COORDINATION SEMI-ANNUAL MANAGEMENT REPORT: 1 MARCH 1980 - 31 AUGUST 1980
Lang.: eng. Washington, DC: U.S. Agency for International Development. Bureau for Africa. Office of Sahel and Francophone West African Affairs. 1980. 14 + appen
Descriptor: aid * management * land development * arid land
Geographical descriptor: Sahel * Africa
- 2526 *National Academy of Science. Board on Science and Technology for International Development. Advisory Committee on the Sahel*
STAFF SUMMARY REPORT: WORKSHOP ON ECOLOGY AND ENVIRONMENTAL PROGRAMS IN THE SAHEL, BAMAKO, MALI, JANUARY 22-26, 1980
Lang.: eng. Washington DC: National Academy of Sciences. 1980. 57p
Descriptor: desertification * ecology * environmental development * research projects
Geographical descriptor: Sahel * Africa
- 2527 *National Academy of Sciences. Committee on Atmospheric Sciences*
WEATHER AND CLIMATE MODIFICATION, PROBLEMS AND PROGRESS
Lang.: eng. Washington, DC: National Academy of Sciences. Committee on Atmospheric Sciences. 1973. 258p
Descriptor: weather modification * artificial precipitation * storms * fog * environmental engineering * water yield improvement
Geographical descriptor: Sahel * Africa
- 2528 *National Aeronautics and Space Administration*
USSR REPORT: EARTH SCIENCES
Lang.: eng. Sept. 1986. 112p. Note: Translated from: various Russian sources
Descriptor: acoustic properties * desertification * earth mantle * energy budget * geophysics * tropical meteorology * auroral absorption * cyclones * solar terrestrial interactions * weather modification
Geographical descriptor: Antarctic Regions
- 2529 *National Institute of Sciences (India)*
SYMPOSIUM ON PLANNING FOR DROUGHT AREAS
Lang.: eng. India: National Institute of Sciences. 1969
Descriptor: drought * climate * ecology * hydrology * planning * soil management * drought tolerance * livestock * plants * water conservation
- 2530 *National Institute of Sciences (India)*
SYMPOSIUM ON THE RAJPUTANA DESERT, PROCEEDINGS
Lang.: eng. 1952. Series title: National Institute of Sciences Bulletin. No.1. 302p
Descriptor: desertification * geology * topography * meteorology * hydrology * soil types * flora * animal populations
Geographical descriptor: Thar Desert * India
- 2531 *Naveh, Z*
THE CONSERVATION OF ECOLOGICAL DIVERSITY OF MEDITERRANEAN ECOSYSTEMS THROUGH ECOLOGICAL MANAGEMENT
Lang.: eng. London, U.K.: Blackwell Scientific Publications. 1971. p.605-622. Note: (In) The Scientific Management of Animal and Plant Communities for Conservation by E. Duffey and A.S. Watt (eds.)
Descriptor: ecology * conservation * ecosystems * urban areas * human behavior * forests * environmental impact * economic development
Geographical descriptor: Israel * Mediterranean Region * Middle East
- 2532 *Nazarov, I.K*
NASEKOMYYE KAK KOMPONENTY BIOGEOCENOZA SAKSAULOVOGO LESA (Insects as Components of Saxaul Forest Biogeocoenosis)
Lang.: rus. Moscow: Nauka. 1975. 224p
Descriptor: Haloxylon ammodendron * insects * forest ecology
Geographical descriptor: USSR
- 2533 *Nazarov, I.K*
PESKI BUKHARSKOGO I KARAKUL'SKOGOOAZISOV I VOPROSY IKH OSVOYENIYA (Sands of the Bukhara and Karakul' Oases and Problems of their Development)
Lang.: rus. Tashkent, Uzbek SSR: Tashkent University. 1975. 23p. Note: (Candidate dissertation summary)
Descriptor: sand * deserts * oases development * oases
Geographical descriptor: Bukhara Oasis * Karakul Oasis * Uzbek SSR * USSR
- 2534 *Nazyrov, I.; Bakayev, S.; Kurbanov, K*
A NEW SAND-DESERT PRESERVE ON THE LOWER REACHES OF ZERAVSHAN RIVER
Lang.: eng. 1972. Series title: Problems of Desert Development. No.5:p.95-96. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: nature conservation * sand * deserts
Geographical descriptor: Zeravshan River * Tadzhik SSR * Uzbek SSR * USSR
- 2535 *Ndiaye, H*
ETUDE PHYSIOGRAPHIQUE DE LA CASAMANCE D'APRES LES IMAGES LANDSAT (Physiographic Study of the Casamance, Using Landsat Imagery)
Lang.: fre. 1980. p.291-340. Note: (In) Compte-Rendus du Seminaire de Teledetection, (Proceedings of a Seminar on Remote Sensing)
Descriptor: geomorphology * Landsat * satellites * remote sensing
Geographical descriptor: Casamance River * West Africa * Africa
- 2536 *Nechaeva, N.T*
ECOLOGICAL BASES FOR THE RECONSTRUCTION OF CONTEMPORARY PLANT COVER IN THE CENTRAL ASIAN DESERTS
Lang.: eng. 1985. Series title: Problems of Desert Development. No.1:p.15-21. Note: Translated from: Problemy Osvoeniya Pustyn (1985, No.1:p.14-19)
Descriptor: desertification * revegetation * land types * deserts
Geographical descriptor: Uzbek SSR * Turkmen SSR * USSR * Asia
- 2537 *Nechaeva, N.T*
ECOLOGICAL FOUNDATIONS FOR RANGE VEGETATION RECONSTRUCTION IN THE DESERTS OF THE USSR
Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
Lang.: eng. Boulder, CO: Westview Press. 1988. p.615-619. Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference, by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann and R.G. Varady (eds.)
Descriptor: ecology * rangelands * vegetation * deserts
Geographical descriptor: USSR
- 2538 *Nechaeva, N.T*
IMPROVEMENT OF DESERT RANGES IN SOVIET CENTRAL ASIA
Lang.: eng. 1985. 342p. ISBN 7186-0222-9. Note: Translated from: Russian
Descriptor: deserts * desert development * reclamation
Geographical descriptor: Central Asia * USSR
- 2539 *Nechaeva, N.T*
PROBLEMS IN THE ECOLOGICAL MONITORING OF THE BIOTA OF DESERT ECOSYSTEMS
Lang.: rus. 1986. Series title: Problemy Osvoeniya Pustyn. No.5:p.12-21
Descriptor: monitoring * desert biome * ecosystems * deserts

- 2540 *Nechayeva, N.T.*
CHARACTERISTICS OF PLANT COVER PRODUCTIVITY IN TURKMENISTAN DESERTS IN CONNECTION WITH THE COMPOSITION OF VITAL PLANT FORMS
Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.1:p.11-20. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: deserts * plant ecology * plant communities * plant morphology
Geographical descriptor: Turkmen SSR * USSR
- 2541 *Nechayeva, N.T.*
PHYTOCOENOLOGICAL AND AGROMETEOROLOGICAL FOUNDATIONS FOR IMPROVING DESERT PASTURES
Lang.: eng. 1969. Series title: *Problems of Desert Development*. No.3:p.15-19. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: plant ecology * agrometeorology * deserts * pastures * land improvement
- 2542 *Nechayeva, N.T.; Fedoseyev, A.P.*
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Lang.: rus. 1965. Series title: *Izvestiya Ser. Biologicheskaya (Turkmen SSR)*. Vol.6:p.14-23
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Geographical descriptor: Turkmen SSR * USSR
- 2543 *Nechayeva, N.T.; Rustomov, A.K.*
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Lang.: eng. 1970. Series title: *Problems of Desert Development*. No.2:p.23-39. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: deserts * flora * fauna
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Lang.: ger. 1968. Series title: *Umschau in Wissenschaft und Technik*. Vol.68(9):p.282-283
Descriptor: sedimentation * evaporites * graben geology * water loss * water level * climatic geomorphology
Geographical descriptor: Dead Sea * Middle East
- 2545 *Negre, R.*
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Lang.: fre. 1974. Series title: *Feddes Repertorium*. Vol.85(3):p.185-243
Descriptor: pastures * revegetation
Geographical descriptor: Libya * Africa
- 2546 *Neilson, R.P.*
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Lang.: eng. Tucson, AZ: University of Arizona. Department of Ecology and Evolutionary Biology. 1986. Series title: *Science*. Vol.232(4746):p.27-34. ISSN 0036-8085
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Geographical descriptor: Southwestern U.S.
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Lang.: rus. 1979. Series title: *Problemy Osvoeniya Pustyn*. No.2:p.70-76. Note: Summary in English
Descriptor: aridity * soil types * hydromorphic soils * physico-chemical properties of soil * nitrogen * humus * soil fertility * soil productivity * soil water regimes * dry season
Geographical descriptor: USSR * Syr Darya River
- 2548 *Neronov, V.M.; Kudoyarova, I.Y.*
COLLABORATIVE PROJECT OF UNESCO'S ENVIRONMENTAL PROJECT ON ARID LANDS OF NORTH KENYA AND ITS MAIN RESULTS
Lang.: rus. 1986. Series title: *Problemy Osvoeniya Pustyn*. No.3:p.65-75
Descriptor: UNESCO * arid land * environmental surveys
Geographical descriptor: North Kenya * Africa * Kenya
- 2549 *Neronov, V.M.; Kudoyarova, I.Y.*
THE JOINT UNESCO-UNEP PROJECT ON ARID LANDS OF NORTHERN KENYA AND ITS MAIN RESULTS REPORT 2
Lang.: rus. 1986. Series title: *Problemy Osvoeniya Pustyn*. No.4:p.57-64
Descriptor: UNESCO * UNEP * arid land
Geographical descriptor: Northern Kenya * Kenya * Africa
- 2550 *Neronov, V.M.; Kudoyarova, I.Y.*
UNESCO/UNEP INTEGRATED PROJECT IN ARID LANDS IN NORTHERN KENYA AND ITS PRINCIPAL RESULTS. REPORT 3. HUMAN ECOLOGY AND SOCIOECONOMIC PROBLEMS
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Descriptor: UNESCO * UNEP * human ecology * arid land * pastoralism * social aspects * desertification * rural sociology * environmental degradation
Geographical descriptor: Kenya * Northern Kenya * Africa
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Geographical descriptor: Sahara * Algeria * Africa
- 2552 *Nesterov, V.G.*
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Lang.: eng. 1971. Series title: *Problems of Desert Development*. No.4:p.20-23. Note: Translated from: *Problemy Osvoeniya Pustyn*
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- 2553 *Neumann, J.; Sigrist, R.M.*
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Lang.: eng. 1978. Series title: *Climatic Change*. Vol.1(3):p.239-256
Descriptor: timing * climatic change * environmental variability * rainfall reliability * history * paleoclimatology * weather patterns
Geographical descriptor: Mesopotamian Plain * Middle East
- 2554 *Neumann, J.*
NOTES ON RAINFALL FLUCTUATIONS IN PALESTINE AND CLIMATIC INFLUENCES IN THE NORTHERN HEMISPHERE
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Geographical descriptor: Palestine * Middle East
- 2555 *New South Wales. Inter-Departmental Committee on Scrub and Timber Regrowth.*
REPORT OF THE COMMITTEE IN THE COBAR-BYROCK DISTRICT AND OTHER AREAS OF THE WESTERN DIVISION OF NEW SOUTH WALES
Lang.: eng. Sydney: Government Printer. 1969. 105p
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Geographical descriptor: New South Wales * Australia

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REPORT AND SUMMARY OF EVIDENCE OF THE ROYAL COMMISSION TO INQUIRE INTO THE CONDITIONS OF THE CROWN TENANTS, WESTERN DIVISION OF NEW SOUTH WALES
Lang.: eng. Sydney: Government Printer. 1901
Descriptor: tenure systems * environmental surveys * environmental impact
Geographical descriptor: Australia * New South Wales
- 2557 *Newby, J.E.; Grettenberger, J.F*
THE HUMAN DIMENSION IN NATURAL RESOURCE CONSERVATION A SAHELIAN EXAMPLE FROM NIGER
Lang.: eng. 1986. Series title: Environmental Conservation. Vol.13(3):p.249-256
Descriptor: conservation * natural resources
Geographical descriptor: Sahel * Niger * Africa
- 2558 *Newell, R.E.; Kidson, J.W*
THE TROPOSPHERIC CIRCULATION OVER AFRICA AND ITS RELATION TO THE GLOBAL TROPOSPHERIC CIRCULATION
Lang.: eng. 1979. Series title: Scope. No.14:p.133-169. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: dust * wind erosion * wind energy
Geographical descriptor: Africa * Global
- 2559 *Newham, M*
THE DESERT TIGHTENS ITS GRIP ON THE SAHEL
Lang.: eng. 1987. Series title: New Scientist. Vol.115(1567):p.65
Descriptor: deserts * desertification * water conservation * water supply * water management
Geographical descriptor: Sahel * Africa
- 2560 *Newman, J.C.; Condon, R.W*
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Lang.: eng. Canberra, Australia: Australian National University Press. 1969. p.105-132. Note: (In) Arid Lands of Australia by R.O. Slatyer and R.A. Perry (eds), 321p
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Geographical descriptor: Australia
- 2561 *Newsome, A.E.; Corbett, L.K*
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Lang.: eng. Perth, Australia: Australian Rangeland Society. 1977. p.331-356. Note: (In) The Impact of Herbivores on Arid and Semi-Arid Rangelands, United States/Australia Rangeland Panel, 2nd, Adelaide, 1972, Proceedings
Descriptor: animal damage * livestock * marsupials * Isoptera * dust storms * denudation * carrying capacity * desertification * vegetation change * productivity * environmental effects
Geographical descriptor: Australia
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- 2563 *Ngutter, L*
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Descriptor: pastoralism * nomads * economic development * rural development * livestock
Geographical descriptor: Kenya * Africa
- 2564 *Nichols, M*
INTERDISCIPLINARY STUDY FOR THE AGRICULTURAL DEVELOPMENT OF THREE AREAS IN THE ARID ZONE OF CHILE AND THEIR PROJECTION TO SIMILAR ECOSYSTEMS
Lang.: spa. Jul.-Dec. 1981. Series title: Simiente. Vol.51(3-4):p.130-132. ISSN 0037-5403
Descriptor: agricultural development * arid land * ecosystems * desertification * genetic improvement * livestock * goats * plant ecology
Geographical descriptor: Chile * South America
- 2565 *Nicholson, S.E*
CLIMATIC VARIATIONS IN THE SAHEL AND OTHER AFRICAN REGIONS DURING THE PAST FIVE CENTURIES
Lang.: eng. 1978. Series title: Journal of Arid Environments. Vol.1(1):p.3-24
Descriptor: climatic change * Pleistocene epoch * history * aridity * rainfall reliability * environmental variability * drought
Geographical descriptor: Sahel * Africa
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DESERTIFICATION IN THE EGHAZER AND AZAWAR REGION, NIGER
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Geographical descriptor: Eghazer Region * Azawar Region * Africa * Niger
- 2567 *Nikam, F.; Ahranjani, B*
DUNES AND DEVELOPMENT IN IRAN
Lang.: eng. Tehran, Iran: Ministry of Agriculture and Natural Resources. Forestry and Range Organization. 1975. 21p
Descriptor: aid * dunes * sand control * soil stabilization * mulching * land use * land resources * desertification * Haloxylon * Tamarix * Panicum * Aristida * Pennisetum
Geographical descriptor: Iran * Khuzestan * Middle East
- 2568 *Nikam, F*
RANGE PROBLEMS IN TEHRAN OSPAN OF IRAN: A THESIS
Lang.: eng. Boise, ID: University of Idaho Graduate School. 1970. 109p. Note: Thesis
Descriptor: rangelands * demography * climate * land management * physico-chemical properties of soils * soil classification * livestock * grazing * nomads * environmental impact
Geographical descriptor: Iran * Middle East
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Lang.: rus. Moscow: Nauka. 1966. 254p
Descriptor: deserts * trees * river basins * river deltas * arid land * plant classification * taxonomy * forests * Populus * Tamarix * Haloxylon * psammophytes * plant production
Geographical descriptor: USSR
- 2570 *Nikitin, S.A*
ZASHCHITNYE SASAZHDENIY P O L U P U S T Y N Y (Protective Vegetation in Semideserts)
Lang.: rus. Moscow: Nauka. 1971. 78p
Descriptor: shelterbelts * semideserts * soil control * erosion control * animal husbandry * plant growth * plant development
Geographical descriptor: USSR
- 2571 *Nikolaev, V.V.; Stazharov, A.E*
COMPLEX GEBOTANICAL STUDY OF DESERT ZONE PASTURES
Lang.: rus. 1981. Series title: Problemy Osvoeniya Pustyn. No.1:p.32-39. Note: Summary in English
Descriptor: pastures * range management * mapping * plant communities * remote sensing
Geographical descriptor: USSR * Turkmen SSR

- 2572 *Nikolayev, F.K.; Doschanov, M.B*
RESULTS OF FOREST CROP GROWING IN SURKHANDARYASANDS
Lang.: rus. 1973. Series title: Tashkentskogo Sel'skokhozyaystvennogo Instituta. Nauchnyye Trudy. Vol.42:p.37-49
Descriptor: sand * economics * forests
Geographical descriptor: USSR * Surkhandarya Sands
- 2573 *Nikolayev, V.A*
THE NATURAL AND ANTHROPOGENIC TRANSFORMATION OF THE STEPPE AND SEMI-DESERT TERRITORIES INTO A DESERT (USSR)
Lang.: rus. 1982. Series title: Vestnik Moskovskogo Universiteta. Seriya Geografiya. Vol.2:p.47-53
Descriptor: steppes * semiarid lands * desertification * deserts * environmental impact * human activity
Geographical descriptor: USSR
- 2574 *Nikolayev, V.A*
UTILIZATION OF OUTER SPACE PHOTOGRAPHS IN REGIONAL LANDSCAPE STUDIES
Lang.: rus. 1975. Series title: Vestnik Mgu. Ser. Geografiya. Vol.3:p.10-14
Descriptor: satellites * photography * remote sensing * landscape * land classification
- 2575 *Nikolayev, V.N.; Amangeldiyev, A.A.; Smetankina, V.A*
DESERT RANGE LANDS, THEIR FORAGE ESTIMATION AND CHARACTERISTICS
Lang.: rus. Moscow: Nauka. 1977. 135p
Descriptor: rangelands * forage supply * deserts
- 2576 *Nikolayev, V.N.; Amangel'dyyev, A.A.; Smetankina, V.A*
DYNAMICS OF THE CAPACITY OF TURKMENISTAN DESERT PASTURES IN HARVEST VARYING YEARS
Lang.: eng. 1975. Series title: Problems of Desert Development. Vol.5:p.10-17. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: deserts * pastures * carrying capacity
Geographical descriptor: Turkmen SSR * USSR
- 2577 *Nikolayev, V.N*
ON INTENSIFYING THE PROTECTION OF SOILS FROM WIND AND WATER EROSION 31 December 1971 Kazakh SSR Council of Ministers Decree No. 717
Lang.: rus. Alma-Ata, Uzbek SSR: Kaynar. 1975. Vol.1:p.335-338. Note: (In) Okhrana prirody v Kazakhskoy SSR (Environmental Protection in the Kazakh SSR)
Descriptor: wind erosion * water erosion * soil erosion * erosion control * wind protection * water protection
Geographical descriptor: Kazakh SSR * USSR
- 2578 *Nikolayev, V.N*
ON MEASURES TO IMPROVE THE ORGANIZATION OF THE PROTECTION OF SOILS FROM WIND AND WATER EROSION 13 October 1975 USSR Council of Ministers Decree No. 884
Lang.: rus. 1975. Series title: Sp Pravitel'stva SSSR. Vol.21:p.144
Descriptor: wind erosion * water erosion * soil erosion * erosion control * wind protection * water protection
Geographical descriptor: USSR
- 2579 *Nikolayev, V.N*
ON THE PROTECTION OF HIGHWAYS FROM SAND DRIFTS IN THE MURGABSKAYA PLAIN
Lang.: eng. 1975. Series title: Problemy Osvoeniya Pustyn. No.1:p.92-95
Descriptor: roads * sand control * sand
Geographical descriptor: Murgabskaya Plain * USSR
- 2580 *Nikolayev, V.N*
ON URGENT MEASURES FOR THE PROTECTION OF SOILS FROM WIND AND WATER EROSION 24 May 1967 Communist Party of Kazakhstan, Central Committee, and Kazakh SSR Council of Ministers Decree No.375
Lang.: rus. Alma-Ata: Kaynar. 1975. Vol.1:p.331-335. Note: (In) Okhrana prirody v Kazakhskoy SSR (Environmental Protection in the Kazakh SSR)
Descriptor: erosion control * wind erosion * soil erosion * soil stabilization * environmental protection
Geographical descriptor: Kazakh SSR * USSR
- 2581 *Nikolayev, V.N*
PRIRODNYYE KORMOVYYE RESURSI TURKMENISTANA (Turkmenistan natural fodder resources)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1972. 190p
Descriptor: fodder * natural resources * rangelands
Geographical descriptor: Turkmen SSR * USSR
- 2582 *Nikolayev, V.N*
THE ORGANIZATION AND EFFICIENT USE OF DESERT PASTURES IN THE USSR
Lang.: eng. Turkmen SSR: Academy of Sciences. Institute of Deserts. 1977. 17p
Descriptor: pastures * grazing * grazing systems * livestock * sheep * productivity * range management * forage * fodder plants * grasses * browse * desertification
Geographical descriptor: USSR * Kazakh SSR
- 2583 *Nimbkar, B.V.; Nimbkar, N.; Zende, N*
DESERTIFICATION OF WESTERN MAHARASHTRA: CAUSES AND POSSIBLE SOLUTIONS. VOL.1 COMPARATIVE GROWTH OF EIGHT TREE SPECIES
Lang.: eng. 1986. Series title: Forest Ecology and Management. Vol.16(1-4):p.243-251
Descriptor: afforestation * waste land * arid land * Acacia * Albizia * Cassia * Dalbergia sissou * Melia azedarach * Prosopis juliflora * fertilizers * vertisols * soil types * genetics
Geographical descriptor: Phalton area * Maharashtra * India
- 2584 *Nir, D*
REMARQUES SUR LE QUATERNAIRE DE LA PLAINE COTIERE DU NEGUEV SEPTENTRIONAL ISRAEL (Remarks on the Quaternary Features of the Coastal Plain of the Northern Negev, Israel)
Lang.: fre. 1967. Series title: Association de Geographes Francaise. Bulletin. Vol.352:p.2-10
Descriptor: paleoclimatology * geomorphology * Quaternary period * Holocene epoch * coastal areas * sand * vegetation effects * loess * climatic zones
Geographical descriptor: Israel * Negev * Middle East
- 2585 *Nir, D*
THE SEMI-ARID WORLD: MAN ON THE FRINGE OF THE DESERT
Lang.: eng. London, U.K.: Longman. 1974. 187p
Descriptor: desertification * drought * rainfall * vegetation * grazing systems * pastures * erosion * water table * soil conservation * semiarid lands
Geographical descriptor: South Africa * Africa
- 2586 *Nkambwe, M*
APPLICATION OF REMOTE SENSING TECHNIQUES IN NIGERIA
Lang.: eng. [Nigeria]: Nigerian Society of Remote Sensing. 1986. Series title: NSRS Publication. No.2. xi, 129p
Descriptor: remote sensing * soil surveys * satellites * land management * demography * Landsat
Geographical descriptor: Nigeria * Africa

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OERKENS PREDNINGEN 1977-1984. HVA HAR SKJEDD?
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ISBN 82-529-1127-7. Note: (In) Naturforvaltning i U-land.
Tropiske Oekosystemer. Naturforvaltning i Bistandsprosjekt.
Kompetanseoppbygging by A. Hugo (ed.); (Natural Resources
Management in Developing Countries. Tropical Ecosystems,
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Building Up of Competence)
Descriptor: desertification * soil conservation * natural disasters
* resource conservation * soil management
- 2588 *Norin, E*
QUATERNARY CLIMATIC CHANGES WITHIN THE TARIM
BASIN
Lang.: eng. 1932. Series title: *Geographical Review*.
Vol.22:p.591-598
Descriptor: Quaternary period * deserts * arid land * history *
paleoclimatology * glaciers * water supply * water sources *
river basins * basins * climatic geomorphology * climatic change
* desertification * desiccation
Geographical descriptor: Tarim Basin * Takla Makan Desert *
China
- 2589 *Norman, C*
ENVIRONMENTAL DESTRUCTION HURTS INDIA'S
DEVELOPMENT
Lang.: eng. 1982. Series title: *Science*. Vol.218(4579):p.1291.
ISSN 0036-8075
Descriptor: environmental degradation * agricultural
development
Geographical descriptor: India
- 2590 *Norman, C*
EXPANDING DESERTS, SHRINKING RESOURCES
Lang.: eng. 1987. Series title: *Science*. Vol.235(4792):p.963.
ISSN 0036-8075
Descriptor: desertification * natural resources * deserts
- 2591 *Norris, J.J*
DESERTIFICATION AND THE GOAT: PROCEEDINGS OF
THE THIRD INTERNATIONAL CONFERENCE ON GOAT
PRODUCTION AND DISEASE
Lang.: eng. Scottsdale, AZ: USA Dairy Goat Journal
Publishing Co. 1982. p.409-410
Descriptor: goats * grazing * arid land * desertification
- 2592 *Norris, W*
DESERTS DO NOT MOVE PEOPLE
Lang.: eng. London, U.K.: Geographical Press Ltd. 1985.
Series title: *Geogr. Mag.* Vol.57(12):p.636-637. ISSN 0016-741X
Descriptor: desertification * drought * human population * rural
urban migration * economic factors * unemployment * arid land
Geographical descriptor: Sudan * Africa
- 2593 *Northcote, K.H.; Skene, J.K.M*
AUSTRALIAN SOILS WITH SALINE AND SODIC
PROPERTIES
Lang.: eng. 1972. Series title: *CSIRO. Soil Publication*. 27.
62p
Descriptor: saline soils * sodium affected soils * soil water plant
relationships * soil profiles * irrigation * land reclamation *
range management * halophytes
Geographical descriptor: Western Australia * Victoria *
Australia
- 2594 *Norton, C.C.; Mosher, F.R.; Hinton, B*
AN INVESTIGATION OF SURFACE ALBEDO VARIATIONS
DURING THE RECENT SAHEL DROUGHT
Lang.: eng. 1979. Series title: *Journal of Applied Meteorology*.
Vol.18(10):p.1252-1262
Descriptor: albedo * remote sensing * reflectance * drought *
satellites * mathematical models * environmental variability *
meteorological data
Geographical descriptor: Sahel * Sahara * Africa
- 2595 *Norwine, J*
TWENTIETH-CENTURY SEMI-ARID CLIMATES AND
CLIMATIC FLUCTUATIONS IN TEXAS AND
NORTHEASTERN MEXICO
Lang.: eng. 1978. Series title: *Journal of Arid Environments*.
Vol.1(4):p.313-325
Descriptor: semiarid climate * climatic change * rainfall *
agroclimatology * environmental variability
Geographical descriptor: Texas * Southwestern U.S. * Mexico *
Chihuahuan Desert * Chihuahua * Coahuila * Durango * Nuevo
Leon
- 2596 *Novikoff, G.; Skouri, M*
BALANCING DEVELOPMENT AND CONSERVATION IN
PRE-SAHARAN TUNISIA
Lang.: eng. 1981. Series title: *Ambio*. Vol.10(2-3):p.135-141
Descriptor: development * planning * conservation * natural
resources
Geographical descriptor: Tunisia * Africa
- 2597 *Novikoff, G*
DESERTIFICATION BY OVERGRAZING
Lang.: eng. 1983. Series title: *Ambio*. Vol.12(2):p.102-105
Descriptor: soil fertility * overgrazing * desertification * grazing
Geographical descriptor: Africa
- 2598 *Novikoff, G*
TRADITIONAL GRAZING PRACTICES AND THEIR
ADAPTATION TO MODERN CONDITIONS IN TUNISIA AND
THE SAHELIAN COUNTRIES
Lang.: eng. 1976. Series title: *Ecological Bulletins/NFR*.
Vol.24:p.55-70. Note: (In) Can Desert Encroachment Be
Stopped?: A Study with Emphasis on Africa by A. Rapp, H.N.
Le Houerou and B. Lundholm (eds.), 241p
Descriptor: grazing * adaptation * desertification * rangelands
* overgrazing * wind erosion * range management * forage *
fodder plants
Geographical descriptor: Tunisia * Sahel * Africa
- 2599 *Novikoff, G.; Wagner, F.H.; Skouri, M.; et al*
TUNISIAN PRESAHARAN PROJECT PROGRESS REPORT
(TITLE VARIES): 2ed, 3ed, 4ed
Lang.: eng. Logan, UT: Utah State University. US/IBP Desert
Biome. 1972-1975. 92p., 173p., 179p., 239p
Descriptor: deserts * environmental surveys
Geographical descriptor: Tunisia * Sahara * Africa
- 2600 *Novikova, S.S*
VEGETATION OF DRY RIVERBEDS IN THE ANCIENT
DELTA OF THE ILI RIVER DELTA
Lang.: eng. New York: Allerton Press. 1987. Series title:
Problemy Osvoeniya Pustyn (1987. No.3:p.22-29). No.3:p.22-29.
ISSN 0278-4750
Descriptor: vegetation * riverbeds * deltas
Geographical descriptor: Ili River * Kazakh SSR * USSR
- 2601 *Novikova, T.A*
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THE CENTRALASIAN SCIENTIFIC-RESEARCH INSTITUTE
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Lang.: rus. 1966. Series title: *Instituta Lesnogo Khozyaystva*.
Trudy Sredneaz. Nauch-issled. Vol.10:p.221-267
Descriptor: forest resources * forests * forest research *
bibliographies
Geographical descriptor: Central Asia
- 2602 *Nowinson, D*
OUR DIMINISHING DESERT
Lang.: eng. 1972. Series title: *Ecology Today*. Vol.2(3):p.32-33
Descriptor: off road vehicles * injurious factors * social aspects
* recreation * sand * aridisols * desert pavement * crusts * land
use * land management * land resources * conservation * wind
erosion * desertification * vandalism
Geographical descriptor: Mojave Desert * Colorado Desert *
California

- 2603 *Nunnayev, A.N*
VODNYI BALANS BARKHANNYKH PESKOV V YUGO-VOSTOCHNYKH KARAKUMAKH(Water budget of barchan sands in south-eastern Karakum)
Lang.: rus. 1979. Series title: Problemy Osvoeniya Pustyn. No.1:p.58-64. Note: Summary in English
Descriptor: dunes * sand * soil water relations * leaching * soil water balance * soil reclamation
Geographical descriptor: USSR * Uzbek SSR * Karakum Desert
- 2604 *Nurmukhamedov, A*
LESOMELIORATSIIYA PESKOV V ZONE VODOKHRANILISHCHKARADUMSKOM KANALE IMENI V.I.LENINA(Timber Reclamation of Sands in the Reservoir Zone of the Karakum Canal Imeni V.I.Lenin)
Lang.: rus. Turkmen SSR Academy of Sciences. 1973. 19p. Note: (Candidate dissertation summary)
Descriptor: timber * sand * sand control * soil stabilization
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 2605 *Nyerges, A.E*
PASTORALISTS, FLOCKS AND VEGETATION PROCESSES OF CO-ADAPTATION PASTORAL DEVELOPMENT, ANIMALS, RANGELAND ECOSYSTEMS, IRAN
Lang.: eng. London, U.K.: Academic Press. 1982. ISBN 0126580502. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective by B. Spooner and H.S. Mann (eds.)
Descriptor: arid land * pastoralism * vegetation * coadaptation * animals * rangelands * ecosystems
Geographical descriptor: Iran * Middle East
- 2606 *O'Conner, G.A*
USING SALINE WATER FOR CROP PRODUCTION IN NEW MEXICO
Lang.: eng. Las Cruces, NM: New Mexico State University. Water Resources Research Institute. 1980. Series title: WRI report. No.127. vii, 26p
Descriptor: saline water * water management * groundwater * irrigation * greenhouses * crops
Geographical descriptor: New Mexico
- 2607 *O'Leary, M.F*
THE ORGANISATION OF PASTORAL PRODUCTION: AN EAST AFRICAN PERSPECTIVE
Lang.: eng. s.d. 1 Vol. Note: Unpublished paper. copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: pastoralism * nomads * livestock * agricultural production * economic development * drought * environmental law * natural resources * demography
Geographical descriptor: East Africa * Africa
- 2608 *Oades, J.M*
PREVENTION OF CRUST FORMATION IN SOILS BY POLY(VINYLCALCOHOL)
Lang.: eng. 1976. Series title: Australian Journal of Soil Research. Vol.14(2):p.139-148
Descriptor: crusts * reclamation * soil erosion * leaching * runoff * infiltration * plastics * synthetic elastomers
Geographical descriptor: Australia
- 2609 *Oakes, H*
THE SOILS OF TURKEY
Lang.: eng. Ankara, Turkey: Turkey Ministry of Agriculture. Soil Conservation and Farm Irrigation Division. 1957. Series title: Turkey Ministry of Agriculture. Soil Conservation and Farm Irrigation Division. Publication. 1. 180p
Descriptor: soil types * soil surveys
Geographical descriptor: Turkey * Middle East
- 2610 *Oba, G*
LOCAL PARTICIPATION IN GUIDING EXTENSION PROGRAMS: A PRACTICAL PROPOSAL
Lang.: eng. Tucson, AZ: University of Arizona. 1985. Series title: Nomadic Peoples. Vol.18:p27-45
Descriptor: nomads * rural development * arid land
- 2611 *Oberlander, T*
REMARKS ON DESERT RESEARCH AND DATA SOURCES
Lang.: eng. 1987. 17p/. ISSN 0364-6017. Note: (In) A Workshop on Desert Processes, U.S.G.S Circular n.989, by J.F. McCauley and J. N. Rinker (eds.)
Descriptor: deserts * research
- 2612 *Oberlander, T.M*
CHARACTERIZATION OF ARID CLIMATES ACCORDING TO COMBINED WATER BALANCE PARAMETERS
Lang.: eng. 1979. Series title: Journal of Arid Environments. Vol.2(3):p.219-241
Descriptor: water balance * evapotranspiration * arid climate * aridity index * climate * climatic analogs
- 2613 *Ochanda, N*
REMOTE SENSING AND THEMATIC MAPPING FOR RURAL DEVELOPMENT
Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 198? [13]p
Descriptor: remote sensing * land surveys * land management * natural resources * rural development
Geographical descriptor: Kenya * Africa
- 2614 *Ochsenius, C*
LATE PLEISTOCENE ARIDITY IN THE NEOTROPIC AS EXTINCTION CAUSE OF THE SOUTH AMERICAN LAND MEGAFUNA
Lang.: eng. 1985. ISSN 0340-5109. Note: (In) Suedamerika; Geomorphologie und Paleoökologie des Juengeren Quartaers; Symposium, (South American Geomorphology and Paleocology of the Upper Quaternary, Symposium) by K. Garleff and H. Stigl (eds.)
Descriptor: Pleistocene epoch * aridity * tropical zones * extinction * fauna * geomorphology * paleoecology
Geographical descriptor: South America
- 2615 *Oduolowu, A*
QUALITATIVE INTERPRETATION OF REMOTELY SENSORED DATA AS A KEY TO MAPPING VEGETATION PATTERNS IN THE WESTERN SUDAN
Lang.: eng. 1977. Series title: Geojournal. Vol.1(5):p.13-20
Descriptor: remote sensing * satellites * infrared imagery * vegetation change * climatic vegetal relationships
Geographical descriptor: Sudan * Africa
- 2616 *OECD*
DEVELOPMENT IN THE SAHEL: A TIME FOR ACTION
Lang.: eng. 1984. Series title: OECD Observers. No.126:p.19-22
Descriptor: environmental development * development policy
Geographical descriptor: Sahel * Africa
- 2617 *Offermann, R*
ENTWICKLUNG IN LANDLICHEN RAUM ALS BILATERALE AUFGABE (Development in Rural Areas as a Bilateral Task)
Lang.: ger. 1983. Series title: Der Ministerium. Vol.280:p.130-131
Descriptor: rural development * rural areas * desertification control * human nutrition * human population
- 2618 *Ogilvie, C*
THE HYDROLOGY OF COOPER'S CREEK
Lang.: eng. 1947. Series title: Queensland Department of Public Land. Bureau of Investigation. Technical Bulletin (Brisbane). Vol.1:p.36-70
Descriptor: hydrology
Geographical descriptor: Queensland * Australia
- 2619 *Oguntoyinbo, J.S*
DROUGHT PREDICTION
Lang.: eng. Aug.-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.79-90
Descriptor: drought * forecasting * climatic change

- 2620 *Ojany, F.F*
DESERTIFICATION AND LAND USE IN KENYA
Lang.: eng. 1982. Series title: *Kenyan-Geogr.* Vol.4(1-2):p.1-12
Descriptor: desertification * land use
Geographical descriptor: Kenya * Africa
- 2621 *Ojany, F.F*
DESERTIFICATION IN AFRICA WITH SPECIAL REFERENCE TO EAST AFRICA
Lang.: eng. 1986. Series title: *Tokyo Metropolitan University. Geographical Reports.* Vol.21:p.23-34
Descriptor: desertification
Geographical descriptor: Africa * East Africa
- 2622 *Oldfield, M.L*
THE VALUE OF CONSERVING GENETIC RESOURCES
Lang.: eng. Doc. no.: Supt.of Doc.I29.2:G28/2. Washington, D.C.: U.S. National Park Service. 1984. xxii,360p
Descriptor: genetics * economic plants * endangered species * wildlife conservation * ecosystems * animal resources * food production * forest resources * economic development * environmental conservation
- 2623 *Oldham, R.D*
ON PROBABLE CHANGES IN THE GEOGRAPHY OF THE PUNJAB AND ITS RIVERS; A HISTORICO-GEOGRAPHICAL STUDY
Lang.: eng. 1886. Series title: *Asiatic Society Journal (Bengal).* Vol.55:p.322-343
Descriptor: rivers * regional geography * history * physical geography * geomorphology
Geographical descriptor: Punjab * India
- 2624 *Olembu, R.J*
FORMULATION OF NATIONAL SOIL POLICIES
Environmental Guidelines for the Formulation of National Soil Policies
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1983. Series title: *UNEP Environmental Management Guidelines.* No.7. 32p
Descriptor: environmental law * soil surveys * soil degradation * desertification control * erosion control * land management * soil classification * agricultural production
- 2625 *Oliver, J*
PROBLEMS OF THE ARID LANDS: THE EXAMPLE OF THE SUDAN
Lang.: eng. London, U.K.: Institute of British Geographers. 1968. Series title: *Institute of British Geographers. Special Publication.* Vol.1:p.219-239
Descriptor: arid land * desertification
Geographical descriptor: Sudan * Africa
- 2626 *Olsen, J.W*
PREHISTORIC LAND USE AND DESERTIFICATION IN NORTHWEST CHINA
Lang.: eng. 1987. Series title: *MASCA Journal.* Vol.4(3):p.103-109. ISSN 0198-0106
Descriptor: prehistory * land use * desertification
Geographical descriptor: Northwest China * China
- 2627 *Olsen, O*
LANDBRUG OG OERKENDANNELSE I SUDAN (Agriculture and Development of Desert in Sudan)
Lang.: dan. Mar 1987. Series title: *Ugeskrift for Jordbrug.* Vol.132(10):p.287-290. ISSN 0106-0546
Descriptor: desertification * farming systems * natural disasters * trees
Geographical descriptor: Sudan * Africa South of Sahara * Anglophone Africa * Africa
- 2628 *Olson, G.W*
SOILS, ENVIRONMENT, AND DESERTIFICATION IN IRAN
Lang.: eng. Ithaca, NY: Cornell University. 1983. Series title: *ITCC Review.* Vol.47-48:p.1-8
Descriptor: soils * environmental surveys * desertification
Geographical descriptor: Iran * Middle East
- 2629 *Olsson, K*
REMOTE SENSING FOR FUELWOOD RESOURCES AND LAND DEGRADATION STUDIES IN KORDOFAN, THE SUDAN
Lang.: eng. Meddelanden fran Lunds Universitets Geografiska Institution. 1985. Series title: *Avhandlingar.* No.100. 182p. ISBN 91-7222-988-8
Descriptor: remote sensing * fuelwood * desertification * resources * stand characteristics * vegetation * multispectral imagery * land degradation
Geographical descriptor: Kordofan * Sudan * Africa
- 2630 *Olsson, L*
AN INTEGRATED STUDY OF DESERTIFICATION. APPLICATIONS OF REMOTE SENSING, GIS AND SPATIAL MODELS IN SEMI-ARID SUDAN (GEOGRAPHICAL INFORMATION SYSTEM)
Lang.: eng. Lund, Sweden: CWK Gleerup. 1985. Series title: *Lund Studies in Geography. Ser.C. General and Mathematical Geography.* No.13. 173p. ISBN 91-40-05131-5
Descriptor: desertification * remote sensing * semiarid lands * environmental factors * natural disasters * resource allocation * resource development * site factors * surveying * erosion
Geographical descriptor: Sudan * Anglophone Africa * Africa * North Kordofan
- 2631 *Olsson, L*
DESERTIFICATION OR CLIMATE? INVESTIGATION REGARDING THE RELATIONSHIP BETWEEN LAND DEGRADATION AND CLIMATE IN THE CENTRAL SUDAN
Lang.: eng. Lund, Sweden: LiberLaeromedel/Gleerup. 1983. Series title: *Lund Studies in Geography. Ser.A. Physical Geography.* No.60. 36p. ISBN 91-40-04849-7. ISSN 0076-146x
Descriptor: desertification * land use * arid climate * semi-arid zones * climatic zones * environmental factors * natural disasters * resource allocation * resource development * site factors
Geographical descriptor: Sudan * Africa South of Sahara * Anglophone Africa * Africa
- 2632 *Olsson, L; Stern, M*
LARGE AREA DATA SAMPLING FOR REMOTE SENSING APPLICATIONS AND STATISTICAL ANALYSIS OF ENVIRONMENT. EXEMPLIFIED BY AN INVESTIGATION IN THE SUDAN DESERTIFICATION STUDIES, METHODOLOGY REPORT
Lang.: eng. Lund, Sweden: Lunds Universitets Naturgeografiska Institution. Dec 1981. Series title: *Rapporter och Notiser.* No.49. 57p. ISSN 0348-3339
Descriptor: plant protection * soil erosion * soil reclamation * remote sensing
Geographical descriptor: Sudan * Anglophone Africa * Africa South of Sahara * Africa
- 2633 *Olsson, L*
MONITORING THE IMPACT OF RAINFED AGRICULTURE AND GRAZING ON DESERTIFICATION IN THE CENTRAL SUDAN
Meeting or Conf.: International Rangeland Congress, 2nd, Adelaide, South Australia, May 13-18, 1984
Lang.: eng. 1986. p.533-534. ISBN 0-521-30936-0. Note: (In) *Rangelands: A Resource Under Siege*
Descriptor: monitoring * rainfed agriculture * grazing effects * desertification * environmental impact
Geographical descriptor: Sudan * Central Sudan * Africa
- 2634 *Omesta, P.A.; Verhoef, P*
ANNUAL RAINFALL FREQUENCY DISTRIBUTIONS FOR 80 RAINFALL DISTRICTS IN SOUTH AFRICA
Lang.: eng. 1976. Series title: *South African Journal of Science.* Vol.72:p.120-122
Descriptor: rainfall * environmental variability * weather data
Geographical descriptor: South Africa * Karroo * Africa

- 2635 *Ongaro, L.*
STUDIO INTEGRATO DELLE RISORSE NATURALI DEL NEFZAOUA, TUNISIA: CARTA DELLE UNITA DI TERRE DELL'AREA KEBILI-DOUZ(Integrated Survey of Natural Resources in the Nefzaoua Region, Tunisia: Kebili-Douz Area Land Units Map)
Lang.: ita. 1983. Series title: Rivista di Agricoltura Subtropicale e Tropicale. Vol.83(2):p.165-310. Note: Summary language: French, English
Descriptor: geomorphology * wind erosion * water erosion * land resources
Geographical descriptor: Nefzaoua * Kebili-Douz * Tunisia * Africa
- 2636 *Oni, M.K.*
CULTURES VIVRIERES-CULTURES DE RENTE: CAS DES ZONES COTONNIERES AU TOGO(Subsistence Cropping-Cash Cropping: Case of the Cotton-Producing Zones in Togo)
Lang.: fre. Montpellier, France: Institut Agronomique Mediterranee de Montpellier. 1986. 234p. ISBN 2-85352-074-9. Note: Thesis
Descriptor: Gossypium * cash crops * subsistence agriculture * production
Geographical descriptor: Togo * Africa
- 2637 *Omweagba, A.E.*
COMMUNICATION SUPPORT PROGRAMME FOR AGRO-FORESTRY DEVELOPMENT PROJECT IN NIGERIA
Lang.: eng. 1985. Series title: Malaysian Forester. Vol.48(1-2):p.82-86. Note: Publ. 1987
Descriptor: shelterbelts * planning * agroforestry * public relations * extension * farm forestry * projects
Geographical descriptor: Nigeria * Africa
- 2638 *Ooi, J.B. (ed.)*
NATURAL RESOURCES IN TROPICAL COUNTRIES
Meeting or Conf.: Workshop Held in the Centre for Development Studies, University College of Swansea, Apr. 7-14, 1981
Lang.: eng. Kent Ridge, Singapore: Singapore University Press. 1983. 549p. Note: Workshop organized by the Commonwealth Geographical Bureau
Descriptor: natural resources * tropics * energy resources * fisheries * wildlife * grazing * desertification * water resources * development * economic development * developing countries * workshops * arid land * fishing * pastures * mined land * forest resources * deforestation
Geographical descriptor: Caribbean * Papua New Guinea * Chotanagpur * India * Southeast Asia * Zambia * Sudan * Sahel * Guyana * Africa South of Sahara * Africa * South America * Bihar
- 2639 *Opie, J.*
RESEARCH OPPORTUNITIES: RETROSPECTIVE CLIMATE IMPACT ASSESSMENT CASE STUDY: SETTLEMENT AND FARMING ON THE ARID GREAT PLAINS, 1870-1940 ("AMERICA'S SEVENTY-YEAR MISTAKE") Workshop on Environmental and Societal Consequences of a Possible CO₂-Induced Climate Change (Carbon Dioxide Effects Research and Assessment Program)
Lang.: eng. Doc. no.: DOE CONF-7904143. Washington, D.C.: U.S. Department of Energy, Office of Health and Environmental Research. 1980. p.334-347
Descriptor: drought * climatic change * farming systems
Geographical descriptor: Great Plains * USA
- 2640 *Oppenheimer, H.R.*
ADAPTATION TO DROUGHT: XEROPHYTISM The Plant-Water Relationships in Arid and Semi-Arid Conditions, Review of Research
Lang.: eng. Paris: UNESCO. 1960. Series title: Arid Zone Research. Vol.15:p.105-138
Descriptor: drought * xerophytes * bibliographies * plants * drought tolerance * adaptation * climatic vegetal relationships * environmental impact
- 2641 *Orev, Y.*
COMBATING DESERTIFICATION IN SAHELIAN CONDITIONS
Lang.: eng. Dec 1982. Series title: Desertification Control Bulletin. No.7:p.10-12
Descriptor: soil fertility * desertification control
Geographical descriptor: Sahel * Africa
- 2642 *Orev, Y.*
DESERTIFICATION: NATURAL OR MAN-MADE
Lang.: eng. Oct. 1985. Series title: Water Irrigation Review. Vol.4:p.21-23. ISSN 0334-5807
Descriptor: desertification * revegetation * regeneration
Geographical descriptor: Israel * Middle East
- 2643 *Organization for Economic Co-operation and Development (Paris, France)*
DROUGHT CONTROL AND DEVELOPMENT IN THE SAHEL, SITUATION AT THE START OF THE 1980'S: OVERVIEW AND PROSPECTS
Lang.: eng. July, 1983. 75p
Descriptor: drought control * land development * arid land
Geographical descriptor: Sahel * Africa
- 2644 *Organization of African Unity. International Coordination Office for the Fouta Djallon Restoration and Integrated Development Project, RAF/81/060*
ACTIVITIES REPORT, 1984-1985
Lang.: eng. Conakry: Organization of African Unity. 1985. 1 Vol.
Descriptor: environmental conservation * environmental impact * projects * case studies * climate * irrigation
Geographical descriptor: Guinea * Fouta Djallon Highlands * Africa
- 2645 *Orio, A.A. (ed.); Botkin, D.B. (ed.)*
MAN'S ROLE IN CHANGING THE GLOBAL ENVIRONMENT, PAPERS PRESENTED AT AN INTERNATIONAL CONFERENCE, VENICE, ITALY, OCT. 21-26, 1985
Lang.: rus. 1986. 814p. Note: (In) Science of the Total Environment, V.55 and V.56
Descriptor: environmental variability * global surveys * human activity
- 2646 *Orlovskii, I.S.; Kharin, N.G.*
CLIMATE AND DESERTIFICATION
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. Series title: Problemy Osvoeniya Pustyn. No.3:p.33-40. ISSN 0032-9428
Descriptor: desert processes * climatic factors * United Nations
- 2647 *Orlovskii, N.S.*
DESERTIFICATION: GLOBAL ECOLOGICAL PROBLEM
Lang.: eng. Sept. 1986. Series title: Earth Sciences. Note: Translated from: Voprosy Filisofil
Descriptor: desertification * human ecology * environmental impact
- 2648 *Orlovskii, N.S.; Saiko, T.A.*
INFORMATION ON THE ACTIVITIES REGARDING THE PROBLEMS OF DESERTIFICATION
Lang.: eng. 1984. Series title: Problems of Desert Development. No.3:p.1-10. Note: Translated from: Problemy Osvoeniya Pustyn (1984, No.3:p.3-10)
Descriptor: desertification * information services
- 2649 *Orlovskii, N.S.; Dorokhov, L.A.*
NATURAL CONDITIONS AND FACTORS OF DESERTIFICATION IN AUSTRALIA
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. Series title: Problemy Osvoeniya Pustyn. No.3:p.97-103. ISSN 0032-9428
Descriptor: desert processes * natural causes * United Nations
Geographical descriptor: Australia

- 2650 *Ormerod, W.E*
ECOLOGICAL EFFECT OF CONTROL OF AFRICAN TRYPANOSOMIASIS: A CONNECTION BETWEEN THE WEST AFRICAN CATTLE INDUSTRY AND SAHELIAN DROUGHT IS POSSIBLE
 Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1976. Series title: Science. Vol.191(4229):p.815-821
Descriptor: nomads * drought * arid climate * arid land * environmental impact * weather modification * atmospheric precipitation * ecology * overgrazing * animal damage * desertification * trypanosomiasis * livestock * climatic change * albedo * soil surface properties * animal diseases * human diseases * insect control * flies * cattle * pastoralism
Geographical descriptor: Africa * Sahel * Sahara * West Africa
- 2651 *Ormerod, W.E*
THE RELATIONSHIP BETWEEN ECONOMIC DEVELOPMENT AND ECOLOGICAL DEGRADATION: HOW DEGRADATION HAS OCCURRED IN WEST AFRICA AND HOW ITS PROGRESS MIGHT BE HALTED
 Lang.: eng. 1978. Series title: Journal of Arid Environments. Vol.1(4):p.357-379
Descriptor: carrying capacity * overgrazing * land use * desertification * nomads * planning * economic development * environmental degradation * pastoralism
Geographical descriptor: West Africa * Sahel * Africa
- 2652 *Orni, E*
ESHKOLBEZIRK UND ARAVATAL: ZWEI BEISPIELE LANDWIRTSCHAFTLICHER INTENSIV-BETRIEBE IN WUESTENGEBIETEN ISRAELS (The Eshkol District and the Arava Valley: Two Examples of Intensive Cultivation in Desert Areas of Israel)
 Lang.: ger. 1974. Series title: Geographische Rundschau. Vol.4:p.125-131
Descriptor: agriculture * cultivation
Geographical descriptor: Israel * Negev * Eshkol District * Arava Valley * Middle East
- 2653 *Ortiz, S.M.L.M*
EVALUACION DE LA VELOCIDAD DE DESERTIFICACION EN LA CUENCA DEL RIO TEXCOCO. EFECTO DE LA TECNOLOGIA APLICADA, INVERSION Y FACTOR HUMANO (Evaluation of the Desertification Rate in the Texcoco River Basin. Effect of the Applied Technology, Investments and the Human Factor)
 Lang.: spa. Chapingo, Mexico. 1986. 314p
Descriptor: desertification * technology * erosion * capital * economic analysis * resources * injurious factors * inland waterways * natural disasters * geomorphology * transport
Geographical descriptor: Texcoco River * Mexico * North America
- 2654 *Osman, A*
COMBATING DESERTIFICATION IN THE ARAB COUNTRIES
 Meeting or Conf.: Taxonomy and Management of Vertisols and Aridisols, Proceedings of Fifth International Soil Classification Workshop, Sudan, Nov. 2-11, 1982
 Lang.: eng. 1985. p.23-26. Note: (In) Taxonomy and Management of Vertisols and Aridisols
Descriptor: soil fertility * desertification
Geographical descriptor: Middle East
- 2655 *Osman, A.; Itaiwi, M*
SOILS OF THE HAMAD BASIN
 Lang.: eng. Doc. no.: ACSAD/SS/R30/80. Arab Center for the Studies of Arid Zones and Dry Lands. 1980. 81p
Descriptor: climate * geology * soil maps * soil classification * soil degradation * soil surveys * physico-chemical properties of soils
Geographical descriptor: Syria * Jordan * Iraq * Saudi Arabia * Middle East
- 2656 *Ostrom, C.E.; Read, R.A*
SHELTERBELTS AND WINDBREAKS
 Meeting or Conf.: World Symposium on Man-Made Forests and Their Industrial Importance, Canberra, 1967
 Lang.: eng. Rome: Food and Agriculture Organization. 1968. p.463-494
Descriptor: windbreaks * shelterbelts * environmental engineering
- 2657 *Otterman, J*
ANTROPOGENIC IMPACT ON THE ALBEDO OF THE EARTH
 Lang.: eng. 1977. Series title: Climatic Change. Vol.1(2):p.137-155
Descriptor: albedo * solar radiation * overgrazing * remote sensing * human activity * monitoring * desertification
Geographical descriptor: Israel * Middle East
- 2658 *Otterman, J*
BARING HIGH-ALBEDO SOILS BY OVERGRAZING: A HYPOTHESIZED DESERTIFICATION MECHANISM
 Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1974. Series title: Science. Vol.186:p.531-533
Descriptor: albedo * overgrazing * soil temperature * atmospheric precipitation * reflectance * weather modification * desertification
- 2659 *Otterman, J*
REMOTE SENSING OF THE NATURAL VEGETATION AND DESERTIFICATION PROCESSES OF THE ARID AND SEMI-ARID ZONES
 Meeting or Conf.: International Symposium on Integrated Research for the Improvement of Biological Resources of Arid and Semi-Arid Zones in Latin America, Rome, Oct. 1-5, 1979
 Lang.: eng. Rome: Istituto Italo-Latina Americano. 1980. p.237-243. Note: Simposio Internazionale sulla Integrazione della Ricerca per la Valorizzazione delle Risorse Biologiche delle Zone Aride e Semi-Aride dell'America Latina, Roma, 1-5 Ottobre 1979
Descriptor: remote sensing * desertification * arid land * semiarid lands * vegetation zones * rangelands
- 2660 *Oulichilo, W.K*
LAND USE IN SIAYADI DISTRICT
 Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1986. Series title: Technical Report. No.123. 41p. Note: One map on folded sheet
Descriptor: land classification * environmental impact * arable land * soil surveys * land management * rangelands
Geographical descriptor: Kenya * Africa
- 2661 *Ouatara, L.C*
COUNTRY PROFILE: MALI: DRAFT
 Lang.: eng. Nairobi, Kenya: Desertification Control Programme Activity Centre, United Nations Environment Programme. 1986. 49p
Descriptor: environmental assessment * environmental law * natural resources * environmental conservation * desertification control * erosion control
Geographical descriptor: Mali * Africa
- 2662 *Overseas Development Institute. Land Resources Development Center*
CAMEROON - SOIL CONSERVATION PROJECT
 Lang.: eng. London, U.K.: Overseas Development Institute. 1987. Series title: Overseas Development Institute. Progress Report. S 1986. 16p
Descriptor: soil erosion * deserts * desertification * resource conservation * rural areas
Geographical descriptor: Cameroon * Africa

- 2663 *Ovezliyev, A.O.*
EXPERIENCE IN SAND RECLAMATION IN TURKMENISTAN
Lang.: eng. New York: Allerton Press. 1987. Series title: *Problems of Desert Development*. No.5:p.21-26. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn*, (19875:No.5:p.37-43)
Descriptor: deserts * sand control * reclamation * erosion control * afforestation * revegetation * shelterbelts * ground cover
Geographical descriptor: Turkmen SSR * USSR
- 2664 *Ovezliyev, A.O.; Nasul'chak, V.A.; Berdiyev, S.*
INTRODUCTION OF GRAPE ONTO OASIS SANDS
Lang.: rus. 1986. Series title: *Problemy Osvoeniya Pustyn*. No.6:p.76-81. Note: Summary in English
Descriptor: *Vitis vinifera* * soil types * grapes * cultivars
Geographical descriptor: USSR * Turkmen SSR
- 2665 *Ovezliyev, A.O.*
AFFORESTATION ALONG THE SANDY BANKS OF THE KARAKUM CANAL
Lang.: eng. 1969. Series title: *Problems of Desert Development*. No.1:p.20-26. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sandy soils * afforestation
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 2666 *Ovezliyev, A.O.; Romanov, Y.A.*
AFFORESTATION OF HARDENED SANDS AT THE SREDNEAMUDAR'INSKIYOASIS
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1971. p.115-131. Note: (In) *Prirodnyye Usloviya I Podvishnyye Peski Pustyn'* (Desert Natural Conditions and Shifting Sands)
Descriptor: afforestation * sand * strip plowing * deserts
Geographical descriptor: Sredneamudar'inskiy Oasis * Turkmen SSR * USSR
- 2667 *Ovezliyev, A.O.; Frelov, M.I.*
FORESTRY RECLAMATION IN TURKMENIA
Lang.: eng. 1970. Series title: *Problems of Desert Development*. Vol.2:p.70-77. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: forestry * afforestation
Geographical descriptor: Turkmen SSR * USSR
- 2668 *Ovezliyev, A.O.*
ON DESERT INSTITUTE, TURKMEN SSS ACADEMY OF SCIENCES, FURTHER INVESTIGATIONS DURING THE XITH FIVE YEAR PLAN PERIOD
Lang.: rus. 1981. Series title: *Problemy Osvoeniya Pustyn*. No.4:p.76-81. Note: Summary language: English
Descriptor: deserts * research
Geographical descriptor: USSR * Turkmen SSR
- 2669 *Ovezliyev, A.O.; Svintsov, I.P.*
PROTECTION OF THE PLANNED TRACK OF THE FOURTH KARAKUM CANAL SECTION FROM SAND DRIFTS AND DEFLATION
Lang.: eng. 1972. Series title: *Problems of Desert Development*. No.4:p.70-75. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sand control * deflation * forests * vegetation
Geographical descriptor: Karakum Canal * Turkmen SSR * USSR
- 2670 *Ovezliyev, A.O.; Lavrov, A.P.*
THE TAKYRS AND SANDS OF TURKMENISTAN AND THEIR RECLAMATION FOR PLANT GROWING
Lang.: eng. Moscow: Turkmen Academy of Sciences. Institute of Deserts. 1977. 22p
Descriptor: sand * takyr soils * irrigation programs * plant establishment * sand control
Geographical descriptor: USSR * Turkmen SSR
- 2671 *Ovezliyev, A.O.; Svintsov, I.P.; Romanov, Y.A.*
ZAKREPLENIYE I OBLESENIYE PESKOV SREDNEAMUDAR'INSKOGO OAZISA. REKOMENDATSSII (Fixation and Afforestation of Sands at the Sredneamudar'inskiy Oasis. Recommendations)
Lang.: rus. Ashkhabad, Turkmen SSR: 1972. 24p
Descriptor: sand control * afforestation * sand * topology * forests * vegetation * agrotechnology * forestry * plant growth
Geographical descriptor: Sredneamudar'inskiy Oasis * Turkmen SSR * USSR
- 2672 *Ovington, J.D.; et al.*
A STUDY OF THE IMPACT OF TOURISM AT AYERS ROCK, MT. OLGA NATIONAL PARK
Lang.: eng. Canberra, Australia: Australia Department of the Interior. 1972. 143p
Descriptor: tourism * national parks * environmental impact * ecology * dunes * sand
Geographical descriptor: Northern Territory * Ayers Rock * Australia
- 2673 *Ovsyanikov, L.S.*
OPYT IZUCHENIYA I OSVOYENIYA VOSTOCHNYKH KARAKUMOV (Experience in the Study and Development of Eastern Karakums. Collection Dedicated to the 50th Anniversary of the Repetek Sand-Desert Station)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1972. 128p
Descriptor: deserts * sand control * desert development
Geographical descriptor: Karakum * USSR
- 2674 *Ovsyanikov, L.S.*
OSNOVNYEZADACHIKOMPLEKSNYKHISLEDOVANIY PUSTYNNYKH TERRITORIY SREDNEY AZII I KAZAKHSTANA (Basic Tasks in Complex Studies of Desert Territories in Central Asia and Kazakhstan)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1973. 54p
Descriptor: deserts * ecosystems
Geographical descriptor: Kazakh SSR * USSR
- 2675 *Owen, D.F.*
DROUGHT AND DESERTIFICATION IN AFRICA: LESSONS FROM THE NAIROBI CONFERENCE
Lang.: eng. 1979. Series title: *Oikos*. Vol.33(2):p.139-151. ISSN 0030-1299. Note: Summary in Russian
Descriptor: drought * desert processes
Geographical descriptor: Africa
- 2676 *Oyebo, M.A.*
ARID ZONE AFFORESTATION PROJECT IN NIGERIA
Meeting or Conf.: UNSO/ECA Regional Seminar on Combating Desertification in Africa, Khartoum
Lang.: eng. 1982. 11p. Note: Unpublished report. Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: afforestation * deserts * marginal lands * forests * rural development * environmental law * desertification and erosion control * information * economic development * fuelwood * energy
Geographical descriptor: Nigeria * Africa
- 2677 *Ozenda, P.*
FLORE DU SAHARA DE LA SEPTENTRIONALE CENTRAL
Lang.: fre. Paris: Centre National de la Recherche Scientifique. 1958. 486p
Descriptor: flora * taxonomy
Geographical descriptor: Sahara * Africa
- 2678 *Pabot, H.*
AMELIORATION DES PATURAGES NATURELS: RAPPORT AU GOUVERNEMENT DE L'AFGHANISTAN
Lang.: fre. Rome: Food and Agriculture Organization of the United Nations. 1959. Series title: *Food and Agriculture Organization of the United Nations. EPTA Report*. 1093. 57p
Descriptor: pastures * reclamation
Geographical descriptor: Afghanistan

- 2679 *Pabot, H*
GEOPHYTES AND HYGROPHYTES IN THE DESERTS OF ASIA
Lang.: fre. Tournon, France. 1980. Series title: *Bulletin Mensuel. Societe. Linneenne de Lyon.* Vol.49(3):p.148-152, 201-216
Descriptor: geophytes * hygrophytes * deserts
Geographical descriptor: Asia
- 2680 *Pachur, H.J*
GEOMORPHOLOGISCHE UNTERSUCHUNGEN IM RAUM DER SERIR TIBESTI (ZENTRALSAHARA)
Lang.: ger. 1974. Series title: *Berliner Geographische Abhandlungen.* Vol.17. 62p
Descriptor: geomorphology * Holocene epoch * wet seasons * radiocarbon dating * sediments * lakes * rivers
Geographical descriptor: Sahara * Tibesti * Africa
- 2681 *Pachur, H.J.; Kropelin, S*
WADI HOWAR: PALEOCLIMATIC EVIDENCE FROM AN EXTINCT RIVER SYSTEM IN THE SOUTHEASTERN SAHARA
Lang.: eng. 1987. Series title: *Science.* Vol.237(4182):p.298-300
Descriptor: paleoclimatology * deserts * desertification * paleogeomorphology * paleoenvironments
Geographical descriptor: Sahara * Wadi Howar * Africa
- 2682 *Pachur, H.J*
ZUR SPAETPLEISTOZAENEN UND HOLOZAENEN FORMUNG AUF DER NORDABDACHUNG DES TIBESTIGEBIRGES
Lang.: ger. 1975. Series title: *Erde.* Vol.106(1-2):p.21-46
Descriptor: Holocene epoch * marine geology * radiocarbon dating * rivers * Pleistocene epoch
Geographical descriptor: Sahara * Tibesti Mountains * Chad * Africa
- 2683 *Paepe, R.; Van Overloop, E.; Hatziotis, M.E.; et al*
DESERTIFICATION CYCLES IN HISTORICAL GREECE
Lang.: eng. 1984. Series title: *Progress in Biometeorology.* Vol.3:p.55-64
Descriptor: desertification * climatic factors * history
Geographical descriptor: Greece
- 2684 *Paepe, R*
LANDSCAPE CHANGES IN GREECE AS A RESULT OF CHANGING CLIMATE DURING THE QUATERNARY
Meeting or Conf.: Information Symposium in the EEC Programme on Climatology, Mytilene, Greece, Apr. 15-18, 1984
Lang.: eng. Dordrecht, The Netherlands: D. Reidel. 1986. p.49-58. ISBN 90-277-2230-7. Note: (In) *Desertification in Europe* by R. Fantechi and N.S. Margaris (eds.)
Descriptor: landscape * climate * Quaternary
Geographical descriptor: Greece
- 2685 *Page, J*
ARID LANDS
Lang.: eng. 1984. 176p. ISBN 0-8094-4512-3
Descriptor: arid land * deserts
- 2686 *Pagel, H*
VERWUSTUNG, EIN PROBLEM DER LANDNUTZUNG IN TROCKENGEBIETENDER ERDE. (Desertification, a Problem of Land Utilization in the Dry Regions of the Earth)
Lang.: ger. 1978. Series title: *Beitr. Trop. Landwirtschaft. Veterinarmed.* Vol.16(3):p.215-237. Note: Summaries in English, French, Russian, Spanish
Descriptor: desert processes * arid zones * land use
- 2687 *Pakistan. Irrigation, Drainage and Flood Control Research Council*
DESERTIFICATION IN THE MONA RECLAMATION EXPERIMENTAL PROJECT, PAKISTAN. CASE STUDY PRESENTED BY THE GOVERNMENT OF PAKISTAN
Lang.: eng. Paris: UNESCO. 1980. p.214-252. Note: (In) *Case Studies on Desertification* by J.A. Mabbutt and C. Floret (eds.)
Descriptor: desertification * case studies * irrigation * projects
Geographical descriptor: Pakistan * South Asia * Mona
- 2688 *Pakistan. Irrigation, Drainage and Flood Control Research Council*
PAKISTAN: MONA RECLAMATION EXPERIMENTAL PROJECT. CASE STUDY ON DESERTIFICATION
Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug.29 - Sept. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/13. 1977. 120p
Descriptor: case studies * desertification * reclamation * irrigation practices * soil salinity * tubewells
Geographical descriptor: Pakistan
- 2689 *Palagshvili, V.M*
PRIMENENIYE BITUMNYKH EMUL'SIY DLYA ZAKREPLENIYAPODVIZHNYKH PESKOV (Use of Bitumen Emulsions for the Fixation of Shifting Sands)
Lang.: rus. Moscow Railway Transportation Engineers Institute. 1974. 24p. Note: (Candidate dissertation summary)
Descriptor: asphalt * sand control * sand
- 2690 *Palita, D.; et al*
ENQUETE D'INTENTIONS AUPRES D'UN ECHANTILLON D'AGRICULTEURS DU PERIMETRE PILOTE DE ZOUGRATA (Survey of the Intentions of a Sample of Farmers in the Zougrata Pilot Study Area)
Lang.: fre. 1981. No.1. 82p. Note: (In) *Bulletin Technique de l'I.R.A. (Institut des Regions Arides, Tunisia) Summary* language: English
Descriptor: farming systems * agricultural development * desertification
Geographical descriptor: Tunisia * Africa
- 2691 *Paliwal, K.V*
QUALITY OF IRRIGATION WATERS AND THEIR EFFECT ON SOIL PROPERTIES IN RAJASTHAN- A REVIEW
Lang.: eng. 1971. Series title: *Annals of the Arid Zone.* Vol.10(4):p.267-278
Descriptor: irrigation water * irrigation effects * salinity * water quality * wells * saline water * saline soils * soil water plant relationships * analytical methods * canals * physico-chemical properties of soils
Geographical descriptor: Rajasthan * India
- 2692 *Palmer, W.C*
METEOROLOGICAL DROUGHT
Lang.: eng. Washington, D.C.: U.S. Weather Bureau. 1965. Series title: *U.S. Weather Bureau. Research Paper.* Research Paper 45. 58p
Descriptor: drought * meteorology
- 2693 *Palutikof, J.P*
DROUGHT STRATEGIES IN EAST AFRICA: THE CLIMATOLOGIST'S ROLE
Lang.: eng. 1986. Series title: *Climatic Change.* Vol.9(1-2):p.67
Descriptor: drought * climatology
Geographical descriptor: Africa * East Africa
- 2694 *Palutikof, J.P.; Farmer, G.; Wigley, T.M.L*
STRATEGIES FOR THE AMELIORATION OF AGRICULTURAL DROUGHT IN AFRICA
Lang.: eng. 1982. p.222-227. Note: (In) *WMO Technical Conference on Climate: Africa*
Descriptor: drought * hydrometeorology * regional planning * agriculture * land use * long range weather forecasting * water balance
Geographical descriptor: Kenya * Africa
- 2695 *Palutikof, J.P.; Goodess, C.M*
THE DESIGN AND USE OF CLIMATOLOGICAL DATA BANKS, WITH EMPHASIS ON THE PREPARATION AND HOMOGENIZATION OF SURFACE MONTHLY RECORDS
Lang.: eng. Dordrecht, The Netherlands: D. Reidel Publishing Co. Aug.-Oct. 1986. Series title: *Climatic Change.* Vol.9(1-2):p.129-147. ISSN 0165-0009
Descriptor: climatology * weather data * meteorology * data bases * desertification * information retrieval

- 2696 **Pandey, S.; Chatterji, P.C**
GENESIS OF 'MITHA RANNS', 'KHARIA RANN', AND 'KANODWALARANNS' IN THE GREAT INDIAN DESERT
Lang.: eng. 1970. Series title: *Annals of Arid Zone*. Vol.9(3):p.175-180
Descriptor: geology * surface groundwater relationships * geomorphology * playas * groundwater * evaporation
Geographical descriptor: Rajasthan * Thar Desert * India
- 2697 **Pankova, E.I**
OASIS SOILS OF SOUTHERN GOBIAN DESERTS OF THE MONGOLIAN PEOPLE'S REPUBLIC
Lang.: rus. 1980. Series title: *Problemy Osvoeniya Pustyni*. No.5:p.62-73. Note: Summary language: English
Descriptor: oases * soil types * saline soils * salinization
Geographical descriptor: Mongolia * Asia
- 2698 **Pantis, J.; Margaris, N.S**
CAN SYSTEMS DOMINATED BY ASPHODELS BE CONSIDERED AS SEMI-DESERTS?
Lang.: eng. Lisse, Netherlands: Swets & Zeitlinger. 1988. Series title: *International Journal of Biometeorology*. Vol.32(2):p.87-91. ISSN 0020-7128
Descriptor: *Asphodelus microcarpus* * desert plants * semidesert scrub * plant communities * plant succession * overgrazing * controlled burning
Geographical descriptor: Greece
- 2699 **Paquet, H.; Coude Gaussen, G.; Prognon, P**
MINERALOGICAL DATAS ABOUT DESERTIC DUSTS ALONG A SAHARAN TRANSECT FROM NORTH 19 DEGREES TO 35 DEGREES
Lang.: fre. 1984. Series title: *Revue de Geologie Dynamique et de Geographie Physique*. Vol.25(4):p.257-265
Descriptor: mineralogy * deserts * dust
Geographical descriptor: Sahara * Africa
- 2700 **Parada, N.D.; Filho, L.G.; Moura, A.D.; et al**
WORKSHOP SOBRE PREVISAO DE SECAS PARA O NORDESTE DO BRASIL (Workshop for Forecasting Droughts in Northeast Brazil)
Meeting or Conf.: National Council of Scientific and Technical Research Conference, Sao Jose dos Campos, Brazil, Feb. 11-15, 1980
Lang.: por. May 1980. 221p
Descriptor: atmospheric circulation * data bases * drought * meteorology * frost injury * weather forecasting * annual variations * climate models * climatology * precipitation
Geographical descriptor: Brazil * Northeastern Brazil * South America
- 2701 **Parado, R.S.; Mann, H.S.; Verma, C.M**
MANAGEMENT OF INDIAN ARID RANGELANDS
Lang.: eng. Jodhpur: Central Arid Zone Research Institute. 1980. Series title: *Technical Bulletin*. No.4. 38p
Descriptor: marginal lands * rangelands * deserts * land management * land evaluation
Geographical descriptor: India
- 2702 **Pardo, R.D**
FORESTRY FOR PEOPLE: CAN IT WORK?
Lang.: eng. 1985. Series title: *Journal of Forestry*. Vol.83(12):p.732-741
Descriptor: forestry * agroforestry
- 2703 **Parihar, D.R**
TERMITE PESTS OF VEGETATION IN RAJASTHAN AND THEIR MANAGEMENT
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1981. Series title: *CAZRI Monograph*. No.16. 31p
Descriptor: pest control * grasses * plant ecology * plant breeding * plant populations * marginal lands * plant pathology
Geographical descriptor: India
- 2704 **Park, B.C**
TECHNICAL REPORT ON RANGE IMPROVEMENT, DEVELOPMENT AND MANAGEMENT FOR THE HASHEMITE KINGDOM OF JORDAN
Lang.: eng. 29p. Note: Unpublished report. copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: rangelands * land management * climate deserts * grasslands * forests * evaluation * soil surveys
Geographical descriptor: Jordan * Middle East
- 2705 **Park, S.W.; Cho, K.K**
FREQUENCY ANALYSIS OF DRY DAY SEQUENCED DROUGHT INDEX, PREDICTION OF WIDE AREA AGRICULTURAL DROUGHT, MODELS
Lang.: kor. Seoul, Korea: Seoul National University. 1983. Series title: *Seoul National University. College of Agriculture Bulletin*. V.8(1):p.81-90. Includes references. Note: Summary in English
Descriptor: drought * forecasting * agricultural disasters * models
- 2706 **Parker, S**
ENVIRONMENTAL PROFILE ON MOROCCO (REVISED)
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Jan. 1981. 104p
Descriptor: environmental surveys
Geographical descriptor: Morocco * Africa
- 2707 **Parker, S.A**
DRAFT ENVIRONMENTAL REPORT ON MOROCCO
Lang.: eng. Washington, DC: U.S. Agency for International Development. 1980. 98p
Descriptor: natural resources * environmental surveys * economic development * population growth * environmental impact * erosion * water pollution * legislation * arid land * desertification * wildlife * agriculture * forestry
Geographical descriptor: Morocco * Africa
- 2708 **Parthomenko, I.I.; Aylanova, G.A.; Gal'tseva, T.V**
GEOGRAPHIC PUBLICATIONS ON NATURAL CONDITIONS AND RESOURCES IN THE USSR (1968-1971) Bibliography
Lang.: rus. Moscow. 1973. Series title: *USSR Geography Series. Scientific and Technical Results*. No.9:p.158-365. Note: (In) *Geograficheskoye izucheniye prirodnykh resursov i voprosy ikh ratsional'nogo ispol'zovaniya* (Geographic Study of Natural Resources and Problems of Their Efficient Utilization)
Descriptor: natural resources * bibliographies * geography
Geographical descriptor: USSR
- 2709 **Parke, Y.P.; Gustard, A**
A RESERVOIR STORAGE YIELD ANALYSIS FOR ARID AND SEMI-ARID CLIMATES
Lang.: eng. Wallingford, U.K.: International Association of Hydrological Sciences. 1982. Series title: (In) *Optimal Allocation of water Resources*. No.135:p.49-57
Descriptor: reservoirs * water management * climate * marginal lands
Geographical descriptor: Africa * Botswana
- 2710 **Parodi, L.R**
PLANTAS PSAMOFILAS INDIGENAS, QUE PUEDEN SER CULTIVADAS PARA CONSOLIDAR DUNAS
Lang.: spa. Universidad de Buenos Aires. Jornadas Agronomicas y Veterinarias. 1938. 13p
Descriptor: dunes * sand control * psammophytes * herbs * grasses * reclamation * erosion control * soil stabilization
Geographical descriptor: Argentina * Patagonian Desert * Monte * South America
- 2711 **Parsons, K.H**
THE TUNISIAN PROGRAM FOR COOPERATIVE FARMING
Lang.: eng. 1965. Series title: *Land Economics*. Vol.41(4):p.303-316
Descriptor: tenure systems * social aspects * political aspects * agronomy * history * economic development * nomads * livestock * olive trees * economic geography * land use * economic impact * ethnology * pastoralism
Geographical descriptor: Tunisia * Sahara * Medjerda * Africa

- 2712 **Paschalis, P**
MODEL OF FOREST UTILISATION FOR CERTAIN SELECTED COUNTRIES OF NORTH AFRICA
 Lang.: eng. Warsaw, 1986. Series title: *Rozprawy Naukowe i Monografie*. No.60. 77p. ISBN 83-00-02048-9. Note: Summary language: Polish; SGGW-AR Warszawa
Descriptor: forest resources * arid land * silviculture * logging * forest products * timber trade * statistics * simulation models * work studies * fuelwood * manufacture * universal technology * single fellings * clear cutting
Geographical descriptor: Algeria * Libya * Morocco * Tunisia * North Africa * Africa
- 2713 **Pashkovskiy, K.A**
FOREST CULTIVATION FOUNDATIONS FOR UPGRADING SAXAUL PRODUCTIVITY IN KAZAKHSTAN
 Lang.: rus. Alma-Ata, Kazakh SSR: Nauka. 1967. Vol.5:p.200-209. Note: (In) *Proizvoditel'niye sili yuzhnogo Kazakhstana* (Productive Forces of Southern Kazakhstan)
Descriptor: *Haloxylon ammodendron* * forestry * plant growth * cultivation * typology
Geographical descriptor: Kazakh SSR * South America
- 2714 **Paskoff, R**
RECHERCHES GEOMORPHOLOGIQUES DANS LE CHILI SEMI-ARIDE
 Lang.: fre. Bordeaux, France: Fischay Freres. 1970. 420p
Descriptor: geomorphology * semiarid climate * bibliographies * Quaternary period * coastal areas
Geographical descriptor: Chile * South America
- 2715 **Paskoff, R**
THE PLIO-QUATERNARY CLIMATIC CHANGES ALONG THE SEMIARID SEABOARD OF CHILE
 Lang.: eng. Tucson, AZ: University of Arizona Press. 1973. 207p
Descriptor: coastal areas * climatic change * semiarid climate * Tertiary period * Quaternary period * paleoclimatology * Pleistocene epoch * coastal deserts
Geographical descriptor: Chile * South America
- 2716 **Paton, J.R.; Williams, M.A.J**
THE CONCEPT OF LATERITE
 Lang.: eng. 1972. Series title: *Association of American Geographers. Annals*. Vol.62(1):p.42-56
Descriptor: paleoclimatology * stratigraphy * geochronology * laterite soils
- 2717 **Patton, M**
DODOMA REGION, 1929-1959: A HISTORY OF FAMINE
 Lang.: eng. Dar es Salaam, Tanzania: University of Dar es Salaam. 1971. Series title: *University of Dar es Salaam. Bureau of Resource Assessment and Land Use Planning. Research Report*. Vol.44
Descriptor: malnutrition * social aspects * famine
Geographical descriptor: Tanzania * Africa * Dodoma Region
- 2718 **Pauli, H.W**
ASSESSMENT OF LAND DEGRADATION IN AGRICULTURAL AND PASTORAL AREAS IN AUSTRALIA (1975-76)
 Meeting or Conf.: *FAO/UNEP Expert Consultation on Methodology for Assessing Soil Degradation*, Rome
 Lang.: eng. Rome, Italy: Food and Agriculture Organization/United Nations Environment Programme. 1977. 34p
Descriptor: soil degradation * land management * environmental impact * salinization * desertification control * erosion control * arable land * marginal land * rainfall
Geographical descriptor: australia
- 2719 **Pavlicek, K.A.; Johnson, G.V.; Aldon, E.F**
VEGETATION PROPAGATION OF DESERT SALTGRASS RHIZOMES
 Lang.: eng. 1977. Series title: *Journal of Range Management*. Vol.30(5):p.377-380
Descriptor: revegetation * *Distichlis* * mine wastes * semiarid climate
Geographical descriptor: Western U.S
- 2720 **Paylore, P**
A SELECTIVE LIST OF REFERENCES RELATING TO CHINESE DESERTS
 Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Land Studies. 1980. Series title: *Arid Lands Newsletter*. No.11: p.16-21
Descriptor: deserts * bibliographies
Geographical descriptor: China
- 2721 **Paylore, P. (ed.); Gabet Jr., R.A. (ed.)**
DESERTIFICATION: PROCESS, PROBLEMS, PERSPECTIVES
 Lang.: eng. Tucson, AZ: University of Arizona Press. 1976. 125p
Descriptor: desertification * salinity * climatic change * range management * albedo * erosion * climatic vegetal relationships
Geographical descriptor: Australia * Sonora * Southwestern U.S. * Papago Indian Reservation * Oregon
- 2722 **Paylore, P. (ed.); Mabbatt, J.A. (ed.)**
DESERTIFICATION: WORLD BIBLIOGRAPHY UPDATE, 1976-1980
 Lang.: eng. Tucson, AZ: University of Arizona, Office of Arid Lands Studies. 1980. 196p
Descriptor: desertification * bibliographies * arid land
- 2723 **Paylore, P. (ed.)**
THE SONORAN DESERT, A RETROSPECTIVE BIBLIOGRAPHY *Historical Perspective*, by W.G. McGinnies
 Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1976. Series title: *University of Arizona. Office of Arid Lands Studies. Arid Lands Abstracts*. Vol.8
Descriptor: bibliographies * animals * desert plants * shrubs * succulents * phytogeography * range management * grasses * environmental impact * grazing * water resources * vegetation * atmospheric precipitation * arid climate * geomorphology
Geographical descriptor: Sonoran Desert * Arizona * Baja California * Southwestern U.S. * Chihuahuan Desert * Mexico
- 2724 **Pearse, C.K**
RANGE DETERIORATION IN THE MIDDLE EAST
 Meeting or Conf.: *International Grassland Congress, 11th, Surfers Paradise, 1970, Proceedings*
 Lang.: eng. 1970. p.26-30
Descriptor: deserts * denudation * erosion * weathering * animal damage * livestock * pollution * desiccation * land reclamation * desertification * range management
Geographical descriptor: Middle East
- 2725 **Peck, A.J.; Hurlle, B.H**
CHLORIDE BALANCE OF SOME FARMED AND FORESTED CATCHMENTS IN SOUTHWESTERN AUSTRALIA
 Lang.: eng. 1973. Series title: *Water Resources Research*. Vol.9(3):p.648-657
Descriptor: saline soils * salinity * saline water * salts * water quality * vegetation effects * water discharge * groundwater * forecasting * catchments
Geographical descriptor: Western Australia * Australia
- 2726 **Peck, A.J**
DEVELOPMENT AND RECLAMATION OF SECONDARY SALINITY
 Lang.: eng. St. Lucia, Australia: University of Queensland Press. 1977. p.301-319. Note: (In) *Soil Factors in Crop Production in a Semi-Arid Environment* by J.S. Russell and E.L. Greacen (eds.), 327p
Descriptor: saline soils * salinity * drainage * water table * groundwater * catchments * dry farming * salts * reclamation
Geographical descriptor: Australia * Western Australia
- 2727 **Peck, A.J**
SALINIZATION OF NON-IRRIGATED SOILS AND ASSOCIATED STREAMS: A REVIEW
 Lang.: eng. 1978. Series title: *Australian Journal of Soil Research*. Vol.16(2):p.157-168
Descriptor: salinity * saline soils * salts * dry farming * reclamation * water management * halophytes * drainage * seepage
Geographical descriptor: Australia * North America

- 2728 *Pedgley, D.E.*
THE CLIMATE OF INTERIOR OMAN
Lang.: eng. 1970. Series title: *Meteorological Magazine*.
Vol.99(1171):p.29-37
Descriptor: climate
Geographical descriptor: Muscat * Oman * Arabian Peninsula
* Middle East
- 2729 *Peel, R.F.*
THE LANDSCAPE IN ARIDITY
Lang.: eng. 1966. Series title: *Institute of British Geographers. Transactions and Papers, Publication 38*. 23p
Descriptor: arid climate * geomorphology * dunes * paleoclimatology * climatology * grazing * dunes * erosion * weathering * deserts * wind erosion * geologic time * climatic geomorphology * wind action * aridity * desertification * climatic change * ergs
Geographical descriptor: Sahara * Africa
- 2730 *Peeters, L.*
ORIGEN Y EVOLUCION DE LA CUENCA DEL LAGO DE VALENCIA (Origin and Evolution of the Lake Valencia Basin)
Lang.: spa. Caracas, Venezuela: Ministerio de Agricultura y Cria. 1968. 66p
Descriptor: lake basins * geomorphology * environmental impact * economic development
- 2731 *Pejml, K.*
STUDIE O KOLISANI KLIMATU V HISTORICKE DOBE NA ZAPADNIM POBREZI JIZNI AMERIKY (Study on Climate Fluctuations in the Historical Time of the Western Coast of South America)
Lang.: cze. Prague: Hydrometeorologicky Ustav. 1966. 82p
Descriptor: climate * drought * coastal areas
Geographical descriptor: Peru * Chile * South America
- 2732 *Pels, S.*
WATERLOGGING AND SALINISATION IN IRRIGATED SEMI-ARID REGIONS OF NSW
Lang.: eng. 1978. Series title: *Search*. Vol.9(7):p.273-276
Descriptor: desertification * saturated soils * irrigation practices * drainage * tile drains * surface drains * salinity * saline soils
Geographical descriptor: Australia * New South Wales
- 2733 *Penn, R.J.*
ENVIRONMENTAL ASPECTS OF NATURAL RESOURCE MANAGEMENT: AGRICULTURE AND SOILS
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1972. Series title: *Agricultural Services Bulletin*. No.14. iv, 39p
Descriptor: agricultural production * environmental impact * natural resources * land management * soil surveys
- 2734 *Penzhorn, K.E.W.*
SOIL CONSERVATION: WHERE DO WE STAND?
Lang.: eng. 1972. Series title: *South African Journal of Science*. Vol.68(7):p.177-181
Descriptor: rainfall * drought * erosion * vegetation
Geographical descriptor: South Africa * Africa
- 2735 *Peppelenbosch, P.G.N.*
NOMADISM IN THE ARABIAN PENINSULA: A GENERAL APPRAISAL
Lang.: eng. 1968. Series title: *Tijdschrift voor Economisch en Sociale Geografie*. Vol.59:p.335-346
Descriptor: nomads * pastoralism
Geographical descriptor: Arabian Peninsula * Middle East
- 2736 *Peretz, D.*
RIVER SCHEMES AND THEIR EFFECT ON ECONOMIC DEVELOPMENT IN JORDAN, SYRIA, AND LEBANON
Lang.: eng. 1964. Series title: *Middle East Journal*. Vol.18:p.293-305
Descriptor: rivers * economic development
Geographical descriptor: Jordan * Syria * Lebanon * Middle East
- 2737 *Pernas, R.E.*
UNDERGROUND WATERS OF THE ARGENTINE REPUBLIC
Meeting or Conf.: International Conference on Water for Peace, Washington, D.C. 1967
Lang.: eng. 1968. Series title: *Water for Peace*. Vol.2:p.954-962
Descriptor: hydrology * groundwater
Geographical descriptor: Patagonian Desert * Argentina * Monte * South America
- 2738 *Perrin de Brichambaut, G.; Wallen, C.C.*
A STUDY OF AGROCLIMATOLOGY IN SEMI-ARID AND ARID ZONES OF THE NEAR EAST
Lang.: eng. 1963. Series title: *World Meteorological Organization. Technical Note (Geneva)*. 56. 64p
Descriptor: agroclimatology * arid climate * semiarid climate * rainfall * Mediterranean climate * rainfall reliability * atmospheric circulation * wet seasons * weather patterns * meteorology
Geographical descriptor: Middle East * Mediterranean Region
- 2739 *Ferry, R.A.*
DESERTIFICATION PROCESSES AND IMPACTS IN IRRIGATED REGIONS
Lang.: eng. Dordrecht, The Netherlands: D. Reidel Pub. Co. 1986. Series title: *Climatic Change*. Vol.9(1-2):p.43-47. ISSN 0165 0009
Descriptor: desertification * irrigated farming * sedimentation * canals * water composition * water quality * waterlogging * salinization * land management * costs
- 2740 *Ferry, R.A.*
THE EVALUATION AND EXPLOITATION OF SEMI-ARID LANDS: AUSTRALIAN EXPERIENCE
Lang.: eng. 1977. Series title: *Royal Society of London, Philosophical Transactions, Ser.B*. Vol.278:p.493-505
Descriptor: semiarid climate * arid land * livestock * grazing * carrying capacity * sheep * desertification
Geographical descriptor: Australia
- 2741 *Peru. Direccion General de Meteorologia (Lima)*
ANUARIO METEOROLOGICO, 1965
Lang.: spa. Lima, Peru: Direccion General de Meteorologia. 1967
Descriptor: meteorological data * synoptic climatology * soil temperature * soil temperature * temperature measurement * water measurement * humidity * atmospheric precipitation
Geographical descriptor: Peru * South America
- 2742 *Peru. Direccion General de Meteorologia (Lima)*
BOLETIN CLIMATOLOGICO
Lang.: spa. 1962-1965
Descriptor: climatic data
- 2743 *Peru. Oficina Nacional de Evaluacion de Recursos Naturales (Lima); Peru. Instituto Nacional de Planificacion*
DIAGNOSTICO DE LOS RECURSOS NATURALES A NIVEL REGIONAL
Lang.: spa. Lima, Peru: Oficina Nacional de Evaluacion de Recursos Naturales (ONERN). Instituto Nacional de Planificacion. 1967. Series title: *Plan de Desarrollo Economico y Social 1967 - 1970*. Vol.1(9). 144p
Descriptor: climate * soil types * water resources * water utilization * forests * mining * natural resources planning
- 2744 *Peru. Oficina Nacional de Evaluacion de Recursos Naturales (Lima)*
INVENTARIO, EVALUACION Y USO RACIONAL DE LOS RECURSOS NATURALES DE LA COSTA
Lang.: spa. Lima, Peru: Oficina Nacional de Evaluacion de Recursos Naturales (ONERN). Instituto Nacional de Planificacion. 1967. Series title: *Plan de Desarrollo Economico y Social 1967 - 1970*. Vol.1(9). 144p
Descriptor: climate * soil types * water resources * water utilization * forests * mining * natural resources planning

- 2745 *Peru. Oficina Nacional de Evaluacion de Recursos Naturales (Lima); Peru. Instituto Nacional de Planificacion*
PRIMER SEMINARIO NACIONAL DE SISTEMAS ECOLOGICOS, RECURSOS NATURALES Y MEDIO AMBIENTE
Lang.: spa. Lima, Peru: Oficina Nacional de Evaluacion de Recursos Naturales (ONERN). Instituto Nacional de Planificacion. 1974. 28p
Descriptor: natural resources * pollution * ecosystems * environment * agronomy * planning
- 2746 *Peru. Oficina Nacional de Evaluacion de Recursos Naturales (Lima)*
RESEÑA SOBRE LOS SUELOS, CAPACIDAD DE USO Y AGRICULTURA DE LAS TIERRAS DE LOS DESIERTOS COSTEROS (Note on the Soils, Their Capacity and Agriculture of Land in the Coastal Deserts)
Lang.: spa. Lima: Comité Ejecutivo Peruano de Tierras Áridas, Symposium Sobre Desiertos Costeros. 1967. 29p
Descriptor: land use * soil types * agriculture * forestry * domestic animals * coastal deserts
- 2747 *Peru. Oficina Regional de Desarrollo del Norte*
AGUAS SUBTERRANEAS
Lang.: spa. Peru: Oficina Regional de Desarrollo del Norte. 1969. No.6. 78p
Descriptor: coastal deserts * groundwater * geology * hydrology
- 2748 *Petersen, G*
ESTUDIOS CLIMATOLÓGICOS DEL NOROESTE PERUANO (Climatological Studies of the Northwest of Peru)
Lang.: spa. 1935. Series title: Sociedad Geológica del Peru, Boletín. Vol.8(2):p.1-135
Descriptor: climatology * paleoclimatology * atmospheric precipitation * climatic data * drought
Geographical descriptor: South America * Peru
- 2749 *Petersen, Jr., R.C.; et al*
STREAM MANAGEMENT: EMERGING GLOBAL SIMILARITIES
Lang.: eng. Lund, Sweden: University of Lund. 1987. Series title: *Ambio*. V.16(4):p.166-179
Descriptor: streams * water resources management
- 2750 *Peterson, J.T.; Bryson, R.A*
INFLUENCE OF ATMOSPHERIC PARTICULATES ON THE INFRARED RADIATION BALANCE OF NORTHWEST INDIA
Meeting or Conf.: National Conference on Weather Modification, 1st, Albany, NY, 1968, Proceedings
Lang.: eng. 1968. p.153-162
Descriptor: infrared imagery * weather modification * meteorology * radiation
Geographical descriptor: India
- 2751 *Peterson, R.A*
INTERNATIONAL PROGRAM FOR IMPROVING ARID AND SEMIARID RANGELANDS
Lang.: eng. Washington: Tucson, AZ: American Association for the Advancement of Science. University of Arizona Press. 1969. p.297-309. Note: (In) *Arid Lands in Perspective* by W.G. McGinnies and B.J. Goldman (eds.), 421p
Descriptor: arid climate * arid land * semiarid climate * rangelands * range management * economic impact * grazing * plant growth * seasonality * environmental variability * forage * fodder plants * forage production * animal production * nomads * transhumance
- 2752 *Peterson, R.A*
LAND UTILIZATION IN NONIRRIGATED AREAS
Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1970. p.435-449. Note: (In) *Arid Lands in Transition* by H.E. Dregne (ed.)
Descriptor: tenure systems * arid land * land use * grazing * economic development * economic geography * environmental impact * conservation * social aspects * ecosystems * land management * dry farming
- 2753 *Petersson, H*
EUCALYPTUS OCH MARKFÖRSTÖRING-HOT ELLER BOT? ALLELOPATISKA EFFEKTER PÅ UNDERVEGETATIONEN I EUCALYPTUSBESTÅND. SEMINARIUPPSATS (Eucalyptus and Desertification-Treat or Remedy? Allelopathic Effects on Undergrowth in Eucalyptus Stands. Incl. *Eucalyptus microtheca*, *Eucalyptus tereticornis*, *Eucalyptus baxteri*)
Lang.: swe. Uppsala: Sveriges Lantbruksuniversitet. 1985. 13p
Note: Summary language: English, Swedish
Descriptor: *Eucalyptus camaldulensis* * *Eucalyptus globulus* * allelopathy * biological competition * industrial crops * dicotyledons * economic plants * Myrtaceae * Myrtiflorae * ornamental plants * structural crops * timber trees
- 2754 *Petit Marie, N*
LE SAHARA, DE LA STEPPE AU DESERT. DESERTIFICATION, GEOLOGIE, CLIMATOLOGIE, ECOSYSTEMES (The Sahara Desert was Once a Steppe. Desertification, Geology, Climatology, Ecosystems)
Lang.: fre. Nov 1984. Series title: *Recherche*. Vol.15(160):p.1372-1382. ISSN 0029-5671
Descriptor: deserts * desertification * paleoclimatology * climatology * natural disasters * vegetation
Geographical descriptor: Africa
- 2755 *Petit Marie, N*
PREHISTORIC PALAEOECOLOGY OF THE SAHARA ATLANTIC COAST IN THE LAST 10,000 YEARS: A SYNTHESIS
Lang.: eng. 1979. Series title: *Journal of Arid Environments*. Vol.2(1):p.85-88
Descriptor: paleoclimatology * paleobotany * settlements * coastal deserts * archaeology
Geographical descriptor: Sahara * Sahel * Africa
- 2756 *Petrov, M.P*
A REVIEW OF LITERATURE ON THE RECLAMATION OF DESERT AND SEMI-DESERT SANDS IN THE USSR FOR 1965
Lang.: rus. 1966. Series title: *Akademiia nauk Turkmenskoi SSR. Izvestiya. Ser. Biologicheskikh nauk*. Vol.6:p.79-87
Descriptor: deserts * semideserts * sand control * bibliographies * literature reviews * reclamation
Geographical descriptor: USSR
- 2757 *Petrov, M.P*
AFFORESTATION AND SAND FIXATION IN CHINESE PEOPLES' REPUBLIC (Translated title)
Lang.: rus. 1958. Series title: *Lesnoe Khoziaistvo*. Vol.8
Descriptor: afforestation * sand control * soil stabilization * sand
Geographical descriptor: China
- 2758 *Petrov, M.P.; Tatarsky, I.V*
BIBLIOGRAPHY OF WORKS ON RESEARCH, DEVELOPMENT AND CONSERVATION OF NATURE AND NATURAL RESOURCES OF DESERTS AND DESERTIFICATION CONTROL IN 1965-1975
Lang.: rus. 1977. Series title: *Nature Conservation and Restoration of Natural Resources*. Vol.3:p.61-146
Descriptor: bibliographies * desertification * natural resources * conservation
- 2759 *Petrov, M.P.; Babayev, A.G*
COMPLEX DEVELOPMENT OF CENTRAL ASIAN DESERTS
Lang.: rus. Moscow: Nauka. 1967. p.85-91. Note: (In) *Problemy preobrazovaniya prirody sredney Azii (Problems of Major Reorganization in Central Asia)*
Descriptor: deserts * sandy soils * sand * revegetation
Geographical descriptor: Central Asia
- 2760 *Petrov, M.P*
DESERTIFICATION PROCESSES IN ARID AREAS AND THEIR PREVENTION
Meeting or Conf.: International Geographical Congress, 22nd, Montreal, 1972
Lang.: eng. Leningrad, USSR: USSR Geographic Society. 1972. p.69-88
Descriptor: desertification * desertification control * arid land

- 2761 **Petrov, M.P**
DESERTIFICATION PROCESSES IN ARID AREAS OF ASIA AND THEIR PREVENTION: INCLUDES LAND RECLAMATION
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. Series title: *Problemy Osvoeniya Pustyn.* No.3:p.82-90. ISSN 0032-9428
Descriptor: arid regions * land reclamation * United Nations
Geographical descriptor: Asia
- 2762 **Petrov, M.P**
ESHCHE RAZ OB USYKHANII AZII (On the Desiccation of Asia)
Lang.: rus. 1966. Series title: *Vesoyuznoye Geograficheskoye Obshchestvo, Izvestiya.* Vol.98(3):p.205-211
Descriptor: desiccation * desertification * aridity * climatic change * saline lakes * saline soils * crusts * erosion * environmental impact * aridisols * climatic geomorphology * drainage
Geographical descriptor: Middle Asia
- 2763 **Petrov, M.P**
MIROVOY OPYT OBLESENIIYA I ZAKREPLENIYA PODVIZHNIKH PESKOV V PUSTYNYAKH ZEMNOGO SHARA (Worldwide Experience in Afforestation and Fixation of Shifting Sands in World Deserts)
Lang.: rus. Leningrad, USSR: Leningrad University Press. 1974. 48p
Descriptor: sand * sand control * afforestation * forestry * desert plants * bibliographies
- 2764 **Petrov, M.P**
ONCE AGAIN ABOUT THE DESICCATION OF ASIA
Lang.: eng. 1966. Series title: *Soviet Geography.* Vol.7(10):p.15-24
Descriptor: desiccation * human activity * overgrazing * arid climate * glaciers
Geographical descriptor: Central Asia
- 2765 **Petrov, M.P**
PROBLEMS OF MANAGEMENT AND CONSERVATION OF DESERTS AND DESERTIFICATION CONTROL
Lang.: rus. Moscow: Institute of Scientific and Technological Information. 1977. 148p
Descriptor: desertification * bibliographies * conservation
- 2766 **Petrov, M.P**
PUSTYNISSSR I IKH OSVOYENIYE (The Deserts of the USSR and Their Development)
Lang.: rus. Moscow: Izd-vo Nauka. 1964. 145p
Descriptor: deserts * desert development
Geographical descriptor: USSR
- 2767 **Petrov, M.P**
PUSTYNI TSENTRALNOI ASII (Deserts of Central Asia)
Lang.: rus. Leningrad, USSR: Nauka. 1966-1967. 2 Vols
Descriptor: afforestation * geomorphology * maps * climate * vegetation * hydrology * dunes * soil analysis * aridisols * weather data * eolian soils * desertification * translations * sand deserts * deserts * wind action * sand
Geographical descriptor: Ordos * Tarim Basin * Central Asia * Takla Makan Desert * China * Sinkiang * Gobi Desert
- 2768 **Petrov, M.P**
PUSTYNI ZEMNOGO SHARA (Deserts of the World)
Lang.: rus. Leningrad, USSR: Nauka. 1973. 435p
Descriptor: topography * sand * wind action * eolian soils * geomorphology * adaptation * plant ecology * animal ecology * desert animals * desert plants
- 2769 **Petrov, M.P**
RESULTS AND PROSPECTS OF THE AFFORESTATION OF SHIFTING SANDS IN USSR DESERTS AND SEMI-DESERTS (1960-1968)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1971. p.89-104.
Note: (In) *Prirodnyye usloviya i podvizhnyye peski pustyn'* (Desert Natural Conditions and Shifting Sands)
Descriptor: afforestation * sand * sand control * deserts * arid land
Geographical descriptor: USSR
- 2770 **Petrov, M.P**
SAND DESERTS AND SEMIDESERTS OF THE USSR AND PROSPECTS OF THEIR DEVELOPMENT DURING 1972
Lang.: eng. 1973. Series title: *Problems of Desert Development.* No.5:p.81-90. Note: Translated from: *Problemy Osvoeniya Pustyn*
- 2771 **Petrov, M.P**
SAND STABILIZATION METHODS IN ARID LANDS; PROTECTION OF AGRICULTURAL AND SETTLEMENT AREAS
Lang.: eng. Tucson, AZ: University of Arizona Press. 1971. p.355-368. Note: (In) *Food, Fiber and the Arid Lands* by W.G. McGinnies, B.J. Goldman, and P. Paylore (eds.), 437p
Descriptor: sand control * desertification * dune stabilization * synthetic elastomers * plant establishment * revegetation * shelter belts
- 2772 **Petrov, M.P**
SURVEY OF PUBLICATIONS ON SAND PHYTORECLAMATION IN USSR DESERTS AND SEMI-DESERTS IN 1964
Lang.: rus. 1965. Series title: *Akademiia nauk Turkmenskoi SSR. Izvestiya. Ser. Biologicheskikh nauk.* p.87-97
Descriptor: deserts * semideserts * sand control * revegetation * bibliographies * literature reviews
Geographical descriptor: USSR
- 2773 **Peyre de Fabregues, B**
CONSEQUENCE DE LA SECHERESSE DANS LE DOMAINE PASTORAL DE LA REPUBLIQUE DU NIGER (Effect of Drought in the Pastoral Land of Niger)
Meeting or Conf.: Colloque International: Developpement Agricole et Conservation du Patrimoine Naturel dans les Pays du Tiers-Monde, Gembloux, Belgium, Oct. 9-11, 1985
Lang.: fr. 1985. Series title: *Bulletin des Recherches Agronomiques de Gembloux.* Vol.20(3-4,pt.1):p.345-355. ISSN 0435-2033
Descriptor: agropastoral systems * land resources * pastures * drought * climatic change * desertification * rangelands * environmental factors * grazing * natural disasters * natural resources * production factors * site factors
Geographical descriptor: Niger * Africa South of Sahara * Francophone Africa * Africa
- 2774 **Philip, G**
MINERALOGY OF RECENT SEDIMENTS OF TIGRIS AND EUPHRATES RIVERS AND SOME OF THE OLDER DETRITAL DEPOSITS
Lang.: eng. 1966. Series title: *Baghdad University. College of Science. Bulletin.* Vol.9:p.159-173
Descriptor: mineralogy * sediments * Pleistocene epoch * Miocene epoch * metamorphic rocks * igneous rocks
Geographical descriptor: Tigris River * Euphrates River * Middle East
- 2775 **Philipson, W**
REMOTE SENSING OF SHIFTING CULTIVATION AND GRAZING PATTERNS IN KENYA'S SEMI-ARID REGION
Lang.: eng. 1985. Series title: *ITC Journal.* Vol.4:p.261-267. ISSN 0303-2434
Descriptor: desertification * environmental monitoring * land use * rangelands * remote sensing * aerial photography * digital techniques * Landsat * satellites * semiarid lands * shifting cultivation * grazing patterns
Geographical descriptor: Kenya * Africa

- 2776 *Phillips, F.R.S.E*
ASPECTS OF THE ECOLOGY AND PRODUCTIVITY OF SOME OF THE MORE ARID REGIONS OF SOUTHERN AND EASTERN AFRICA
Lang.: eng. London, U.K.: Institute of Biology. 1954. p.156-161. Note: (In) Biology of Deserts. Symposium on the Biology of Hot and Cold Deserts. Proceedings by J.L. Cloudsley-Thompson (ed.)
Descriptor: arid land * arid climate * semiarid climate * grazing * productivity * range management * conservation * desertification * desiccation * tropics * climatic vegetal relationships
Geographical descriptor: Namibia * East Africa * Kalahari Desert * Karroo * South Africa * Africa
- 2777 *Phillips, J*
FIRE - AS MASTER AND SERVANT: ITS INFLUENCE IN BIOCLIMATIC REGIONS OF TRANS-SAHARAN AFRICA
Meeting or Conf.: Tall Timbers Fire Ecology Conference, 4th, 1965, Tall Timbers Research Station, Tallahassee, Florida, Proceedings
Lang.: eng. 1965. p.7-109
Descriptor: desertification * controlled burning * land use * arid land * semiarid climate * savannas * rodents * grasslands * biome * desert grassland * microclimatology * ph * organic matter * runoff * soil moisture * soil erosion * soil surfaces * grazing * seasons * land management * range management * ungulate * wildlife * desert biome * environmental impact * plant succession
Geographical descriptor: Karroo * South Africa * Africa
- 2778 *Phillips, J*
TRANS-SAHARAN AFRICA 40 YEARS ONWARD: SOME ECOLOGICAL AND RELATED CHANGES
Lang.: eng. 1965. Series title: *South African Journal of Science*. Vol.61(5):p.191-198
Descriptor: bioclimatology * natural resources * social aspects * environmental impact * biogeography * ecology * economic development
Geographical descriptor: Sahel * South Africa * Africa
- 2779 *Phillips, J.F.V*
AFRICASOUTH OF THE SAHARA
Lang.: eng. Washington, D.C.: American Association For the Advancement of Science. 1970. Series title: *American Association for the Advancement of Science. Publication*. 90. p.217-225. Note: (In) *Arid Lands in Transition* by H.E. Dregne (ed.)
Descriptor: livestock * vegetation * water supply * conservation * soil conservation * veld * wildlife
Geographical descriptor: South Africa * Africa
- 2780 *Phillips, J.F.V*
DETERIORATION IN THE VEGETATION OF THE UNION OF SOUTH AFRICA AND HOW THIS MAY BE CONTROLLED
Lang.: eng. 1938. Series title: *South African Journal of Science*. Vol.35:p.476-484
Descriptor: vegetation * veld * overgrazing * carrying capacity * reclamation
Geographical descriptor: Karroo * South Africa * Africa
- 2781 *Phillips, J.F.V*
FIRE: ITS INFLUENCE ON BIOTIC COMMUNITIES AND PHYSICAL FACTORS IN SOUTH AND EAST AFRICA
Lang.: eng. 1930. Series title: *South African Journal of Science*. Vol.27:p.352-367
Descriptor: veld * fire effects * overgrazing * plant succession * andropogon * *Aristida* * *eragrostis*
Geographical descriptor: East Africa * South Africa * Africa
- 2782 *Phillips, J.R.H*
BERRIGAN SANDHILLS— STUDIES IN STABILIZATION
Lang.: eng. 1962. Series title: *New South Wales Soil Conservation Service Journal*. Vol.18:p.56-61
Descriptor: dunes * erosion control * sand
Geographical descriptor: New South Wales * Australia
- 2783 *Pias, J*
LES LOESS EN AFGHANISTAN ORIENTAL ET LEURS PEDOGENESES SUCCESSIVES AU QUATERNAIRE RECENT (Loess from Eastern Afghanistan and its Successive Pedogeneses During the Holocene)
Lang.: fr. 1971. Series title: *Academie des Sciences Comptes Rendus*. Series D. Vol.272(12):p.1602-1605
Descriptor: loess * soil formation * Holocene epoch * paleosols
Geographical descriptor: Afghanistan * Middle East
- 2784 *Pias, J*
SOLS D'AFGHANISTAN: PEDOGENESES ANCEINNES ET ACTUELLES (Soils of Afghanistan: Ancient and present-day pedogenesis)
Lang.: fr. 1972. Series title: *Revue de Geographie Physique et de Geologie Dynamique*. Vol.14(4):p.433-442
Descriptor: soil types * paleosols * soil formation * limestone * calcareous soils * dolomite * crusts * halomorphic soils
Geographical descriptor: Afghanistan * Middle East
- 2785 *Pick, J.H*
AUSTRALIA'S DYING HEART: SOIL EROSION IN THE INLAND
Lang.: eng. Melbourne: Melbourne University Press. 1942. 90p
Descriptor: soil erosion
Geographical descriptor: Australia
- 2786 *Picon, L*
LES PHENOMENES DE DESERTIFICATION: CAS DU SAHEL. FACTEURS CLIMATIQUES (Desertification Phenomena: Case of the Sahel. Climatological Factors)
Lang.: fr. May 1984. Series title: *Meteorologie*. No.2:p.15-23. ISSN 0026-1181. Note: Summary language: English, French
Descriptor: desertification * climatology * natural disasters
Geographical descriptor: Sahel * Africa
- 2787 *Picon, L.; Desbois, M.; Seze, G*
USE OF METEOSAT ISCCP B2 DATA FOR THE STUDY OF INTERANNUAL VARIATIONS OF CLIMATIC ELEMENTS IN AFRICA
Meeting or Conf.: COSPAR, International Union of Geological Sciences, UN, et al., Plenary Meeting, 26th, Toulouse, France, Jun. 30-Jul. 11, 1986
Lang.: eng. Palaiseau, France: CNRS. Laboratoire de Meteorologie. 1987. Vol.7(3):p.199-202. ISSN 0273-1177. Note: (In) Workshop 10 and Topical Meeting on Remote Sensing: Earth's Surface and Atmosphere
Descriptor: annual variations * meteorology * Meteosat * satellites * atmospheric models * atmospheric sounding * climatology * desertification * infrared imagery
Geographical descriptor: Africa
- 2788 *Pignatti, A*
FLORAE VEGETAZIONE DELLE TERRE ARIDE DEL SUD AMERICA E DELL'AFRICA: ANALOGIE E DIFFERENZE (Vegetal Formations and Plant Species of South American and African Arid Zones: Similarities and Differences)
Lang.: ita. Jul.-Dec. 1984. Series title: *Riv. Agric. Subtrop. Trop. Firenze: Istituto Agronomico per l'Oltremare*. Vol.78(3-4):p.541-558. ISSN 0035-6026
Descriptor: vegetation * flora * plant communities * species * productivity * desertification * ecosystems * arid land * vegetation types
Geographical descriptor: South America * Africa
- 2789 *Pike, J.G*
EVAPORATION OF GROUNDWATER FROM COASTAL PLAYAS (SABKHAH) IN THE ARABIANGULF
Lang.: eng. 1970. Series title: *Journal of Hydrology*. Vol.11:p.79-88
Descriptor: groundwater * evaporation * playas * coastal areas
Geographical descriptor: Persian Gulf * Middle East

- 2790 *Pinker, R.T*
DETERMINATION OF SURFACE ALBEDO FROM SATELLITES
Meeting or Conf.: COSPAR, WMO, IAMAP, UNEP, SCOR, URSI, and SCAR, Plenary Meeting, 25th, Symposium on Space Observations for Climate Studies, 4th, Graz, Austria, Jun. 25-Jul. 7, 1984
Lang.: eng. 1985. Series title: *Advances in Space Research*. Vol.5(6):p.333-343. ISSN 0273-1177
Descriptor: climatology * albedo * earth surface * human ecology * satellite observation * atmospheric models * Landsat * Meteosat * Nimbus * NOAA * reflectance * synchronous satellites * satellites
- 2791 *Pithawalla, M.B*
THE GREAT INDIAN DESERT, A GEOGRAPHIC STUDY
Meeting or Conf.: Symposium on the Rajputana Desert, Proceedings
Lang.: eng. 1952. Series title: *National Institute of Sciences Bulletin (India)*. Vol.1:p.137-150
Descriptor: regional geography
Geographical descriptor: India * Thar Desert
- 2792 *Pizarro, H.; Rivas, R*
IRREGULARIDAD DE LAS PRECIPITACIONES EN EL NORTE CHICO
Lang.: spa. Santiago, Chile: Oficina Meteorologica. 1965
Descriptor: atmospheric precipitation * weather data * weather patterns * precipitation deficit
Geographical descriptor: Norte Chico * Chile * South America
- 2793 *Pla, L.E*
DESERTIFICATION: GENERATING HYPOTHESES FROM AERIAL PHOTOGRAPHS
Meeting or Conf.: International Society for Photogrammetry, Congress, 14th, Hamburg, West Germany, Jul. 13-25, 1980
Lang.: eng. 1980. Note: (In) *International Archives of Photogrammetry*
Descriptor: deserts * ecology * land management * human ecology * photointerpretation * vegetation * environmental management * forest management * forest management * image processing
Geographical descriptor: Venezuela * South America
- 2794 *Planhol, X. de*
NOMADES ET PASTURES: NOMADS DU GRAND DESERT, OUEST PAKISTAN
Lang.: fre. 1968. Series title: *Revue Geographique*. Vol.8(3-4):p.363-374
Descriptor: nomads * pastures * pastoralism * deserts
Geographical descriptor: Pakistan
- 2795 *Plattner, F*
MEHRJAEHRIGEBEOBACHTUNG UEBER DIE SPIEGEL UND SALZGEHALTSCHWANKUNGEN DES URMIASEES (Long-period observations of water-level and salt content variations in Lake Urmia)
Lang.: ger. 1970. Series title: *Erdkunde*. Vol.24(2):p.134-139
Descriptor: saline lakes * water level * environment * animal ecology * plant ecology * biome
Geographical descriptor: Iran * Lake Urmia * Middle East
- 2796 *Plit, F*
KLESKI ZYWIOLOWE A ROZWOJ GOSPODARCZY KROJOW TRZECIEGO SWIATA (Natural Disasters and the Development of the National Territories of the Third World)
Lang.: pol. 1980. Series title: *Przegląd Zagranicznej Literatury Geograficznej*. Vol.3:p.135p
Descriptor: natural disasters * developing countries * rural development
- 2797 *Plummer, F.E.; Haylett, D.G*
CLIMATE IN RELATION TO THE DETERIORATION AND CONSERVATION OF NATURAL RESOURCES IN THE UNION
Lang.: eng. 1938. Series title: *South African Journal of Science*. Vol.35:p.454-470
Descriptor: solar radiation * rainfall * rainfall intensity * moisture * evaporation * runoff * transpiration * hydrology * natural resources * desiccation * environmental variability
Geographical descriptor: South Africa * Africa
- 2798 *Podgornov, A.S.; Kim, V.I*
NEROSINE, AN EFFECTIVE PREPARATION FOR SAND FIXATION ALONG TRACKS OF MAIN GAS PIPELINES
Lang.: eng. 1972. Series title: *Problems of Desert Development*. No.1:p.81-84. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: nerosine * sand control * pipelines
Geographical descriptor: Bukhara Ural Pipeline * USSR
- 2799 *Pohoryles, S.; Szeskin, A*
STRATEGIC CONSIDERATIONS IN ISRAELI AGRICULTURAL DEVELOPMENT
Lang.: eng. 1973. Series title: *Oxford Agrarian Studies*. Vol.2(2):p.132-140
Descriptor: agriculture * planning * economic development * social aspects
Geographical descriptor: Israel * Middle East
- 2800 *Poiger, R*
RESSOURCES EN EAU DE NORD-EST DU BRÉSIL. LES EAUX FLUVIALES: HYDROLOGIE ET GEOMETRIE COMPAREES DES RESERVOIRSET POLITIQUE DE L'EAU DU NORD-EST DU BRÉSIL (Water Resources of Northeastern Brazil. Fluvial Waters: Hydrology and Comparative Geometry of Reservoirs and Water Policy in Northeastern Brazil)
Lang.: fre. Brazil: Superintendencia do Desenvolvimento do Nordeste, Recife/FAO. 1968. Note: (unpublished)
Descriptor: water resources * water allocation policy * reservoirs * water sources * hydrology
Geographical descriptor: Brazil * South America
- 2801 *Pole Evans, I.B*
THE VELD: ITS RESOURCES AND DANGERS
Lang.: eng. 1920. Series title: *South African Journal of Science*. Vol.17:p.1-34
Descriptor: vegetation * grazing * climate * climatic vegetal relationships
Geographical descriptor: South Africa * Africa
- 2802 *Polienko, V.G*
AGRICULTURAL DEVELOPMENT AND PROBLEMS OF DESERTIFICATION IN THE ESCAP REGION
Lang.: eng. 1986. Series title: *Problems of Desert Development*. Vol.4:p.1-8. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn* (1986, No.4:p.3-10)
Descriptor: agricultural development * desertification * population growth * agricultural population * employment
Geographical descriptor: Asia * Pacific * ESCAP Region
- 2803 *Polienko, V.G.; Litvinenko, V.S*
PARTICIPATION OF THE USSR IN CARRYING OUT THE UNITED NATIONS ENVIRONMENTAL PROGRAM FOR THE CONTROL OF DESERTIFICATION
Lang.: rus. 1986. Series title: *Problemy Osvoeniya Pustyn*. No.5:p.81-86
Descriptor: UNEP * desertification control
Geographical descriptor: USSR
- 2804 *Polienko, V.G*
SOVIET EXPERIENCE IN RESOLVING THE PROBLEM OF DESERTIFICATION IN SOUTH AND SOUTHEAST ASIA
Lang.: rus. 1985. Series title: *Problemy Osvoeniya Pustyn*. No.3:p.73-77
Descriptor: desertification control
Geographical descriptor: Southeast Asia * USSR

- 2805 *Polienko, V.G.*
THE USSR'S EXPERIENCE OF RESOLVING
DESERTIFICATION PROBLEMS IN SOUTH AND
SOUTHEAST ASIA
Lang.:eng. 1986. Series title: *Problems of Desert Development*.
No.3:p.84-88. Note: Translated from: *Problemy Osvoeniya
Pustyn* (1985, No.3:p.73-77)
Descriptor: desertification control
Geographical descriptor: South Asia * Southeast Asia * USSR
- 2806 *Pollock, N.C.*
SOME OBSERVATIONS ON GAME RANCHING IN
SOUTHERN AFRICA
Lang.: eng. 1969. Series title: *Biological Conservation*.
Vol.2(1):p.18-24
Descriptor: livestock * wildlife * soil erosion * vegetation change
* wildlife management
Geographical descriptor: South Africa * Africa
- 2807 *Polyakova, A.I.*
NEW METHOD FOR THE GROWING OF PROTECTIVE
VEGETATION ON THE SHIFTING SANDS OF THE
TEREK-KUMA INTERFLUVE
Lang.: rus. Moscow: Kolos. 1967. p.113-117. Note: (In)
*Povysheniye effektivnosti lesnykh polos v bor'be s zasukhoy i
eroziyey pochv* (Upgrading Forest Belt Effectiveness in the
Struggle Against Droughts and Soil Erosion)
Descriptor: sand * sand control * shelterbelts * forests *
drought * soil erosion * saplings * tree planting * Vum 60
viculture machine * viticulture * machinery
Geographical descriptor: Terek Kuma Interfluve * USSR
- 2808 *Poncet, Y.*
CARTES ETHNO-DEMOGRAPHIQUES DU NIGER
Lang.:fre. 1973. Series title: *Centre Nigerien de Recherches en
Sciences Humaines Etudes Nigeriennes* (Niamey). Vol.32
Descriptor: human population * maps * demography * nomads
* social organization * ethnology
Geographical descriptor: Niger * Africa
- 2809 *Poncet, Y.*
LA SECHERESSE EN AFRIQUE SAHELIENNE: UNE ETUDE
MICRO-REGIONALE EN REPUBLIQUE DU NIGER: LA
REGION DES DALLOLS
Lang.:fre. Paris: Organisation de Cooperation et de
Developpement Economiques. Centre de Developpement. 1974.
51p
Descriptor: water resources * regional surveys * aridity * human
population * demography * agriculture * livestock
Geographical descriptor: Sahel * Niger * Africa
- 2810 *Popovich, Z.; Torres Broussat, L.*
FLUCTUACIONES DEL LA TEMPERATURA EN EL PUERTO
CHICAMA EN EL PERIODO 1925-1964 (Temperature
Fluctuations in Port Chicama During 1925-1964)
Meeting or Conf.: Seminario Latinoamericano sobre el Oceano
Pacifico Oriental, I, Lima Proceedings
Lang.:spa. 1966. p.167-168
Descriptor: ocean currents * El Nino * temperature ranges
Geographical descriptor: Port Chicama * Peru * South America
- 2811 *Poslavskaya, O.Y.*
LITHOLOGICAL CRITERIA IN PREDICTION OF
DESERTIFICATION
Lang.:rus. 1987. Series title: *Problems of Desert Development*.
No.2:p.54-55. Note: Translated from: *Problemy Osvoeniya
Pustyn*
Descriptor: desertification * forecasting * lithology
- 2812 *Poslavskaya, O.Y.*
LITHOLOGICAL CRITERIA IN PREDICTION OF
DESERTIFICATION
Lang.:eng. 1987. Series title: *Problems of Desert Development*.
Vol.2:p.61-63. ISSN 0278-4750. Note: Translated from:
Problemy Osvoeniya Pustyn
Descriptor: desertification * forecasting * lithology
- 2813 *Post, G.E.*
FLORA OF SYRIA, PALESTINE AND SINAI: 2nd ed
Lang.:eng. Beirut, Lebanon: American University Press.
1932. Series title: *American University of Beirut. Natural
Science Series*. No.1. 2 vols
Descriptor: flora * arid land * botanical surveys
Geographical descriptor: Syria * Israel * Sinai * Middle East
- 2814 *Potter, G.L.; Elsoesser, H.W.; MacCracken, M.C.; et al*
ALBEDO CHANGE BY MAN TEST OF CLIMATIC EFFECTS
Lang.:eng. 1981. Series title: *Nature* (London).
Vol.291(5810):p.47-49
Descriptor: climatic change * albedo
- 2815 *Potter, G.L.; Elsoesser, H.W.; MacCracken, M.C.; et al*
CLIMATE CHANGE DUE TO ANTHROPOGENIC SURFACE
ALBEDO MODIFICATION
Meeting or Conf.: Interactions of Energy and Climate,
Proceedings of an International Workshop, Muenster, Germany,
Mar. 3-6, 1980
Lang.:eng. 1980. p.317-326. ISBN 90-277-1179-8
Descriptor: climatic change * albedo * modification
- 2816 *Poulsen, G.*
HALTING THE SPREADING DESERT BY MEANS OF
FORESTRY- DOES IT MAKE SENSE? AN ATTEMPT TO
ANALYZE THE ROLE OF FORESTRY IN THE SAHEL
Lang.:eng. Uppsala, Sweden: Nordiska Afrikainst. 1985.
Series title: *Seminar Proceedings from the Scandinavian
Institute of African Studies*. No.16. p.98-108.
ISBN 91-7106-244-0. ISSN 0281-0018. Note: (In) *Land
Management and Survival* by A. Hjort (ed.)
Descriptor: land use * desertification * afforestation * resource
exploitation * cropping systems * grazing intensity * developing
countries * economic geography * forestry operations *
grassland management * natural disasters * resource allocation
* resource development
Geographical descriptor: Sahel * Africa South of Sahara * Africa
- 2817 *Poulton, R.*
COOPERATION AGAINST THE DROUGHT
Lang.:eng. 1983. Series title: *Geographical Magazine*.
Vol.55(10):p.524-531
Descriptor: drought * drought control * cooperative activities
- 2818 *Pouquet, J.*
LES DESERTS
Lang.:fre. Paris, France: Presses Universitaires de France.
1951. 128p
Descriptor: deserts * ecology
- 2819 *Pouquet, J.*
QUELQUES ASPECTS DE LA VEGETATION FORESTIERE
EN TURQUIE OCCIDENTALE (Aspects of the Forest
Vegetation in West Turkey)
Lang.:fre. 1965. Series title: *Revue Forestiere Francais*.
Vol.6:p.417-426
Descriptor: forests * vegetation
Geographical descriptor: Turkey * Middle East
- 2820 *Powell, J.W.*
REPORT ON THE LANDS OF THE ARID REGION OF THE
UNITED STATES, WITH A MORE DETAILED ACCOUNT OF
THE LANDS OF UTAH
Lang.:eng. Cambridge: Belknap Press of Harvard University
Press. 1962. 202p. Note: Edited by Wallace Stegner
Descriptor: arid land * reclamation * atmospheric precipitation
* arable land * water supply * irrigation * history * political
aspects
Geographical descriptor: Western U.S. * Southwestern U.S. *
Utah * Great Basin * Colorado River Basin
- 2821 *Prah, K.K.*
SOME SOCIOLOGICAL ASPECTS OF DROUGHT
Meeting or Conf.: Symposium on Drought in Botswana, June
5-8, 1978, Gaborone
Lang.:eng. Botswana Society in collaboration with Clark
University Press. 1979. p.87-90. Note: (In) *Symposium on
Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings*
Descriptor: drought * social aspects * history

- 2822 **Prakash, I**
ZOO-GEOGRAPHY AND EVOLUTION OF THE MAMMALIAN FAUNA OF RAJASTHAN DESERT, INDIA
Lang.: eng. 1963. Series title: *Mammalia*. Vol.27(3):p.342-351
Descriptor: evolution * zoogeography * deserts * arid land * biogeography * Pleistocene epoch * mammals * wildlife * climatic change * desertification
Geographical descriptor: Rajasthan Desert * India
- 2823 **Pramanik, N.; Ghose, S.K**
METEOROLOGICAL CONDITIONS AND THE EXTENSION OF THE RAJASTHAN DESERT
Lang.: eng. 1952. Series title: *Indian Journal of Meteorology and Geophysics*. Vol.3(2):p.313-341
Descriptor: desertification * meteorology
Geographical descriptor: Rajasthan Desert * India
- 2824 **Pramanik, S.K.; Hariharan, P.S.; Ghose, S.K**
ANALYSIS OF THE CLIMATE OF THE RAJASTHAN DESERT AND ITS EXTENSION
Meeting or Conf.: Desert Research, International Symposium held May 7-14, 1952, Jerusalem, Proceedings
Lang.: eng. Research Council of Israel. 1953. p.176-184
Descriptor: climatology * arid climate * weather data * climatic data * meteorological data * desertification * climatic change
Geographical descriptor: Rajasthan Desert * India
- 2825 **Pratov, U.; Kharin, N.G.; Kalenov, G.S**
VEGETATION OF THE LIBYAN CENTRAL ZONE
Lang.: rus. 1981. Series title: *Problemy Osvoeniya Pustyn*. No.2:p.68-77
Descriptor: vegetation * botanical surveys * arid land
Geographical descriptor: Libya * Africa
- 2826 **Pratt, D.J**
DESIGN BY OBJECTIVE
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. Series title: *ILCA Bulletin*. No.9:p.19-21. Note: (In) *Pastoral Development Projects*
Descriptor: livestock * pastoralism * nomads * economic development * rural development
Geographical descriptor: Africa
- 2827 **Pratt, D.J**
THE ECOLOGICAL MANAGEMENT OF ARID AND SEMI-ARID RANGELAND IN AFRICA AND THE MIDDLE EAST
Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1974. 11p
Descriptor: rangelands * range management * semiarid lands * arid land
Geographical descriptor: Africa * Middle East
- 2828 **Frausnitz, M.W**
THE FIRST AGRICULTURAL SETTLEMENTS IN GALILEE
Lang.: eng. 1959. Series title: *Israel Exploration Journal*. Vol.9:p.166-174
Descriptor: agriculture * settlements * history
Geographical descriptor: Israel * Lake Tiberias * Galilee * Middle East
- 2829 **Preble, R.E**
EFFECT OF DROUGHT CONDITIONS UPON VILLAGE WATER SUPPLY AND PUBLIC HEALTH IN MAURITANIA
Lang.: eng. Apr. 1984. 71p
Descriptor: drought * water supply * public health
Geographical descriptor: Mauritania * Africa
- 2830 **Prego, A.J.; et al**
ESTABILIZACION DE MEDANOS MEDIANTE FORESTACION EN LA REGION PAMPEANA SEMIARIDA (Dune Stabilization Through Afforestation in the Semiarid Pampa)
Lang.: spa. 1966. Series title: *Inta. Instituto de Suelos y Agrotecnica. Publication*. 100. 17p
Descriptor: afforestation * dunes * soil stabilization * plains * *Populus* * semiarid region
Geographical descriptor: Argentina * Pampa Region * South America
- 2831 **Prego, A.J.; Tallarico, L.A**
EXPERIMENTACION DE TECNICAS DE CONSERVACION DE LOS SUELOS Y DE LA HUMEDAD EN LA REGION SEMIARIDA ARGENTINA (Experiments in Soil and Humidity Conservation Techniques in the Semiarid Region of Argentina)
Lang.: spa. 1950. Series title: *M.A.G./Inta. Instituto de Suelos y Agrotecnica. Tirada Interna (Buenos Aires)*. 16. 22p
Descriptor: soil conservation * humidity * conservation techniques * semiarid climate
Geographical descriptor: Argentina * South America
- 2832 **Prego, A.J.; Rial Alberti, F.; Prohaska, F.J**
FORESTACION DE MEDANOS EN LA REGION PAMPEANA SEMIARIDA (Dune Afforestation in the Semiarid Pampa)
Lang.: spa. 1964. Series title: *Idia. Suplemento Forestal (Buenos Aires)*. Vol.12:p.73-82
Descriptor: afforestation * dunes * plains * semiarid lands
Geographical descriptor: Argentina * Pampa Region * South America
- 2833 **Prego, A.J**
LA EROSION EOLICA EN LA REPUBLICA ARGENTINA (Eolic Erosion in Argentina)
Lang.: spa. 1962. Series title: *Inta. Instituto de Suelos y Agrotecnica. Publication*. 78. 17p
Descriptor: eolian soils * soil erosion * wind erosion * desertification
Geographical descriptor: Argentina * South America
- 2834 **Prego, A.J.; et al**
STABILIZATION OF SAND DUNES IN THE SEMIARID ARGENTINE PAMPAS
Lang.: eng. Tucson, AZ: University of Arizona Press. 1971. p.369-392. Note: (In) *Food, Fiber, and the Arid Lands* by W.G. McGinnies, B.J. Goldman and P. Paylore (eds), 437p
Descriptor: semiarid climate * sand control * erosion control * dunes * sand * wind action * plant establishment * grasses * afforestation * reforestation * sowing * *Salix* * *Ulmaceae* * *Eucalyptus*
Geographical descriptor: Argentina * South America
- 2835 **Press, H**
SPACE STATION EVOLUTION THE SCIENCE POTENTIAL
Meeting or Conf.: Annual American Astronautical Society International Conference, 32nd, Los Angeles, California, Nov. 6-7, 1985
Lang.: eng. 1986. ISBN 0-87703-253-X. Note: (In) *Advances in the Astronautical Sciences*, Vol.59. *Space Station Beyond IOC (Initial Orbiting Capability)*
Descriptor: space * space stations * science * remote sensing * environmental impact * monitoring
- 2836 **Preto, G**
ALGUNOS PROBLEMAS FORESTALES DEL SAHEL (Some Forestry Problems in the Sahel)
Lang.: ita. 1984. Series title: *Rivista di Agricoltura Subtropicale e Tropicale*. Vol.78(3-4):p.399-436. Note: Summary language: English
Descriptor: soil conservation * afforestation * arid land * agroforestry * forest policy * fuelwood
Geographical descriptor: Africa * Sahel
- 2837 **Priklad'ko, N.D**
PROBLEMY PREOBRAZOVANIYA PRIRODY SREDNEY AZII (Problems of Transformation of Nature in Central Asia)
Lang.: rus. Moscow: Nauka. 1967. 152p
Descriptor: environmental protection * nature conservation
Geographical descriptor: Central Asia

- 2838 *Primault, B*
KLIMAVERÄNDERUNG, DÜRRE UND FORTSCHRITTLICHE WÜSTENBILDUNG (Climatic Changes, Dryness and Progressive Formation of Deserts)
Lang.: ger. 30 May 1986. Series title: Schweizerische Zeitschrift fuer Obst- und Weinbau, einschliesslich Verwertung. No.12:p.317-318
Descriptor: climatic change * desertification * ecosystems * deserts * arid land * methane * cobalt * population pressure * grazing intensity * livestock numbers * climatic zones * energy sources * environmental factors * farm size * farm structure * gases * grassland management * heavy metals * hydrocarbons * industrial wastes * injurious factors * organic compounds * transition elements
- 2839 *Prohaska, F.J*
LAS CARACTERÍSTICAS DE LAS PRECIPITACIONES EN LA REGION SEMIARIDA PAMPEANA (Precipitation Characteristics of the Semiarid Pampa Region)
Lang.: spa. 1964. Series title: Revista de Investigaciones Agrícolas (Buenos Aires). Vol.15(2):p.199-232
Descriptor: atmospheric precipitation * plains * semiarid climate * drought * weather data * summer precipitation * meteorology * weather fronts
Geographical descriptor: Pampa Region * Argentina * South America
- 2840 *Prohaska, F.J*
PERIODICIDAD DE LA SEQUIA EN LA REGION PAMPEANA SEMIARIDA (Periodicity of Drought in the Semiarid Pampa Region)
Lang.: spa. 1962. Series title: Idia (Buenos Aires). Vol.172:p.25-
Descriptor: plains * rainfall * rainfall reliability * summer precipitation * weather data * semiarid region
Geographical descriptor: Argentina * Pampa Region * South America
- 2841 *Prohaska, F.J*
EL PROBLEMA DE LAS SEQUIAS EN LA REGION SEMIARIDA PAMPEANA Y LA SEQUIA ACTUAL (The Drought Problem in the Semiarid Pampa Region and the Present Drought)
Lang.: spa. 1960. Series title: Idia (Buenos Aires). Vol.155:p.53-67
Descriptor: drought * rainfall * weather data * precipitation deficit * evapotranspiration * atmospheric circulation * anticyclones * plains * semiarid lands
Geographical descriptor: Argentina * Pampa Region * South America
- 2842 *Prokopovich, N.P*
DISCUSSION: ENGINEERING GEOLOGY OF ARID AREAS
Lang.: eng. 1980. Series title: Bulletin of the Association of Engineering Geology. Vol.17(2):p.95-99
Descriptor: geology * arid land * engineering
- 2843 *Prospero, J.M*
DUST FROM THE SAHARA
Lang.: eng. 1979. Series title: Natural History. Vol.88(5):p.54-61
Descriptor: dust storms * drought * eolian soils * wind action * wind erosion * remote sensing * measurement
Geographical descriptor: Sahel * Sahara * Africa
- 2844 *Prospero, J.M.; et al*
MONITORING SAHARAN AEROSOL TRANSPORT BY MEANS OF ATMOSPHERIC TURBIDITY MEASUREMENTS
Lang.: eng. 1979. Series title: Scope. No.14:p.171-186. Note: (In) Saharan dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy
Geographical descriptor: Sahara * North Africa
- 2845 *Prothero, M*
SOME OBSERVATIONS ON DESICCATION IN NORTHWESTERN NIGERIA
Lang.: eng. 1962. Series title: *Erkunde*. Vol.16(2):p.117-119
Descriptor: desertification * dessication
Geographical descriptor: Nigeria * Africa
- 2846 *Protzenko, D.I*
AMELIORATION OF DROUGHTY REGIONS OF THE UKRAINE
Lang.: eng. New York, NY: Allerton Press. 1985. Series title: Problems of Desert Development. No.3:p.21-23. ISSN 0278-4750. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: desertification * drought * UNEP * international cooperation * politics * arid land
Geographical descriptor: Ukrainian SSR * USSR
- 2847 *Protzenko, D.I*
MELIORATION OF ARID REGIONS OF THE UKRAINIAN-SSR USSR
Lang.: rus. 1985. Series title: Problemy Osvoeniya Pustyn. Vol.0(3):p.19-21
Descriptor: arid land
Geographical descriptor: Ukrainian SSR * USSR
- 2848 *Pryanishnikov, S.N.; Alimayev, I.I*
ARTIFICIAL SUMMER-AUTUMN PASTURES IN THE BALKHASH LAKE AREA
Lang.: eng. 1974. Series title: Problems of Desert Development. No.5:p.27-38. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: pastures * summer * cupressus * sagebrush * Eurotia * saltwort
Geographical descriptor: Balkhash Lake Area * Kazakh SSR * USSR
- 2849 *Pusty, N.P.; Beckwith, W.; Craig, A.K*
1000 SELECTED REFERENCES TO THE GEOGRAPHY, OCEANOGRAPHY, GEOLOGY, ECOLOGY, AND ARCHAEOLOGY OF COASTAL PERU AND ADJACENT AREAS
Lang.: eng. 1968. Series title: Paracas Papers. Vol.1(1). 52p
Descriptor: bibliographies * coastal areas * deserts * physical geography * ecology * oceanography * archaeology
Geographical descriptor: Peru * Atacama Desert * South America
- 2850 *Pulyarkin, V.A.; Rukhtnikov, A.N*
AGRICULTURAL DEVELOPMENT AND DESERTIFICATION CONTROL
Lang.: eng. 1986. p.33-38. Note: (In) Arid Land Development and the Combat Against Desertification: An Integrated Approach by M.H. Glantz (ed.)
Descriptor: desertification control * arid land * irrigation * agricultural development * animal husbandry
- 2851 *Pye, K*
AEOLIAN DUST AND DUST DEPOSITS
Lang.: eng. London, U.K.: Academic Press. 1987. ix, 334p
Descriptor: dust * wind erosion
Geographical descriptor: Australia * USA * Europe * Asia * Africa
- 2852 *Qalyoubi, T.A*
JA'FER PILOT PROJECT FOR THE SETTLEMENT OF BEDOUINS
Lang.: eng. Rome: Food and Agriculture Organization. 1967. p.152-163. Note: (In) Land Policy in the Near East by M.R. El-Ghonemy (ed.)
Descriptor: nomads * land resources * grazing * livestock * social aspects * human activity * land management * settlements * economic development * Bedouins * pastoralism
Geographical descriptor: Jordan * Middle East * Arabian Desert
- 2853 *Qu, G*
DESERTS IN CHINA AND THEIR PREVENTION AND CONTROL
Lang.: eng. 1980. Series title: *Mazingira*. Vol.4(2): p.74-79
Descriptor: deserts * desertification control
Geographical descriptor: China * Asia

- 2854 *Queensland. Department of the Co-ordinator-General of Public Work. Artesian Water Investigation Committee*
ARTESIANWATERSUPPLIES IN QUEENSLAND: REPORT FOLLOWING FIRST INTERIM REPORT (1945) OF COMMITTEE APPOINTED BY THE QUEENSLAND GOVERNMENT
Lang.: eng. Queensland Department of the Co-ordinator-General of Public Works. Artesian Water Investigation Committee. 1954. 79p. Note: With appendices
Descriptor: basins * water level fluctuations * groundwater recharge * withdrawal * water yield * boreholes * water shortage * saline water * water management * artesian wells
Geographical descriptor: Queensland * Australia
- 2855 *Queensland. Royal Commission*
REPORT OF THE ROYAL COMMISSION APPOINTED TO INVESTIGATE CERTAIN MATTERS RELATING TO THE PASTORAL INDUSTRY IN QUEENSLAND
Lang.: eng. Brisbane, Australia: Government Printer. 1951
Descriptor: pastoralism * agriculture * livestock
Geographical descriptor: Queensland * Australia
- 2856 *Queensland. Department of Primary Industry. Division of Land Utilisation (Brisbane)*
WESTERN ARID REGION, LAND USE STUDY
Meeting or Conf.:
Lang.: eng. 1974. Series title: Queensland Department of Primary Industry. Division of Land Utilisation. Technical Bulletin (Brisbane). Vol.2(1). 131p
Descriptor: rainfall * overgrazing * environmental impact * denudation * range management
Geographical descriptor: Queensland * Australia
- 2857 *Quevedo Sanchez del Corral, M.M*
NOTA METODOLOGICA PARA UN INVENTARIO DE RECURSOS HUMANOS PROSPECTIVOS PARA LA ADMINISTRACION DE ECOSISTEMAS FRAGILES TROPICALES ARIDIZABLES DE AMERICA LATINA (Methodological Note on an Inventory of Human Resources Perspectives for the Administration of Arid Tropical Fragile Ecosystems in Latin America)
Meeting or Conf.: Simposio Internazionale sulla Integrazione della Ricerca per la Valorizzazione delle Risorse Biologiche delle Zone Aride e Semi-Aride dell'America latina, Roma, 1-5 Ottobre 1979
Lang.: spa. Rome: Istituto Italo-Latina Americano. 1980. p.117-146
Descriptor: desertification * tropics * arid land * human resources
Geographical descriptor: Latin America
- 2858 *Quevedo, C.V*
RECONOCIMIENTO DE LA EROSION DE LOS SUELOS EN LA REPUBLICA ARGENTINA (Erosion survey of soils in Argentina)
Lang.: spa. 1950. Series title: M.A.G./Inta. Instituto de Suelos y Agrotecnica. Trada Interna. 15. 10p
Descriptor: soil surveys * erosion
Geographical descriptor: Argentina * South America
- 2859 *Quezel, P*
FLORE ET PALYNOLOGIE SAHARIENNE; QUELQUES ASPECTS DE LEUR SIGNIFICATION BIOGEOGRAPHIQUE ET PALEOCLIMATIQUE
Lang.: fre. 1960. Series title: Institut Francais d'Afrique Noire. Bulletin. Series A. Vol.22(2):p.353-359
Descriptor: palynology * flora * paleoclimatology * biogeography
Geographical descriptor: Sahara * Africa
- 2860 *Quezel, P*
LA VEGETATION DU SAHARA DU TCHAD A LA MAURITANIE
Lang.: fre. Stuttgart: Gustav Fischer Verlag. 1965. 333p
Descriptor: flora * climatic vegetal relationships * phytogeography
Geographical descriptor: Sahara * Chad * Mauritania * Tibesti Mountains * Africa
- 2861 *Radchenko, G.F*
STRANY SAKHELIA: SOSTOIANIE PRIRODNOE SREDY I PROBLEMY RAZVITIIASELSKOGO KHOZIAISTVA
Lang.: rus. Moscow, USSR: Mysl. 1983. 259p
Descriptor: food supply * desertification * arid land * agriculture * economic conditions
Geographical descriptor: Sahel * Africa
- 2862 *Radford, J*
STRIPMINING ARID NAVAJO LANDS IN THE U.S.: THREATS TO HEALTH AND HERITAGE
Lang.: eng. 1981. Series title: *Ambio*. Vol.11(1):p.9-14
Descriptor: environmental * pollution * ecosystems * mining
Geographical descriptor: Chaco region * San Juan Basin * New Mexico
- 2863 *Rafikov, A.A*
CONTRIBUTION TO THE FORECASTING OF DESERTIFICATION PROCESSES IN SOUTH PRIARAL'E
Lang.: eng. 1985. Series title: *Problems of Desert Development*. No.5:p.48-54. Note: Translated from: *Problemy Osvoeniya Pustyn'* (1985 No.5:p.42-48)
Descriptor: desertification * forecasting
Geographical descriptor: Priaral'e * Uzbek SSR * USSR
- 2864 *Rafikov, A.A*
EFFECT OF A DROP OF THE ARAL SEA LEVEL ON THE MELIORATIVE STATE OF LANDS ON THE AMU DARYA DELTA
Lang.: eng. 1982. Series title: *Problems of Desert Development*. No.6:p.45-53. Note: Translated from: *Problemy Osvoeniya Pustyn'* (1982) No.6:p.53-61
Descriptor: water management * soil fertility * desertification
Geographical descriptor: Aral Sea * Amu Darya Delta * Uzbek SSR * USSR
- 2865 *Rafikov, A.A*
ENVIRONMENTAL CHANGE IN THE SOUTHERN ARAL REGION IN CONNECTION WITH THE DROP OF THE ARAL SEA LEVEL
Lang.: eng. 1983. Series title: *Soviet Geography: Review and Translation*. Vol.24(5):p.344-353
Descriptor: environmental variability
Geographical descriptor: Aral Sea * USSR
- 2866 *Rafikov, A.A*
PRIRODNYE USLOVIA OSUSHAIUSHCHEGOSIA IUZHNOGO POBEREZHIA ARALSKOGOMORIA
Lang.: rus. Tashkent, USSR: Izd-vo "Fan". 1982. 146p
Descriptor: desertification * deserts
Geographical descriptor: Aral Sea Region * Uzbek SSR * Kazakh SSR * USSR
- 2867 *Rafikov, A.A*
PROGNOSTICATION OF THE PROCESSES OF DESERTIFICATION IN THE SOUTHERN ARAL SEA REGION USSR
Lang.: rus. 1985. Series title: *Problemy Osvoeniya Pustyn'*. No.5:p.42-48
Descriptor: forecasting * desertification
Geographical descriptor: Aral Sea * USSR
- 2868 *Rahman, M*
DESERTIFICATION: A THEME FOR CULTURAL GEOGRAPHY
Lang.: end. 1978. Series title: *Journal of Geography*. Vol.77(2):p.76-77
Descriptor: desertification * habitats * desert biome * humans
- 2869 *Rahman, M*
FORMEN DER BEWAESSERUNG IM SIND, WEST-PAKISTAN (Systems of Irrigation Practiced in Sind, West Pakistan)
Lang.: ger. 1968. Series title: *Erde*. Vol.99(2):p.163-175
Descriptor: irrigation * irrigation practices * archaeology * history
Geographical descriptor: Pakistan

- 2870 *Rahman, M*
KUNSTVANDING MED OSEVOERKET NAR I VEST PAKISTAN(Nar-well Irrigation in West Pakistan)
Lang.: ger. 1966. Series title: *Kulturgeografi*. Vol.99:p.325-330
Descriptor: irrigation practices * history * irrigation wells
- 2871 *Rahn, K.A.; et al*
LONG-RANGE IMPACT OF DESERT AEROSOL ON ATMOSPHERIC CHEMISTRY:TWOEXAMPLES
Lang.: eng. 1979. Series title: *Scope*. No.14:p.243-266. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy
Geographical descriptor: North Africa * Asia
- 2872 *Raikes, R.L*
FORMATION OF THE DESERTS OF THE NEAR EAST AND NORTH AFRICA. CLIMATIC, TECTONIC, BIOTIC, AND HUMAN FACTORS
Lang.: eng. Tucson, AZ: University of Arizona Press. 1969. p.147-154. Note: (In) Arid Lands in Perspective by W.G. McGinnies and B.J. Goldman (eds.), 421p
Descriptor: desert morphology * desertification * deserts * climatic change * drought * Holocene epoch * weather patterns * vegetation change
Geographical descriptor: Middle East * Sahara * North Africa
- 2873 *Raikes, R.L*
THE END OF THE ANCIENT CITIES OF THE INDUS CIVILIZATION IN SIND AND BALUCHISTAN
Lang.: eng. 1963. Series title: *American Anthropologist*. Vol.65(3):p.655-659
Descriptor: archaeology * history * urban areas
Geographical descriptor: Baluchistan * Sind * Pakistan
- 2874 *Raikes, R.L*
THE PHYSICAL EVIDENCE FOR NOAH'S FLOOD
Lang.: eng. 1966. Series title: *Iraq*. Vol.28(1):p.52-63
Descriptor: archaeology * floods * subsidence * geology
Geographical descriptor: Iraq * Mesopotamian Plain * Euphrates River * Middle East
- 2875 *Raikes, R.L*
THE PREHISTORIC CLIMATES OF BALUCHISTAN AND THE INDUS VALLEY
Lang.: eng. 1961. Series title: *American Anthropologist*. Vol.63(2):p.265-281
Descriptor: archaeology * paleoclimatology * climatic change
Geographical descriptor: Baluchistan * Indus Basin * Pakistan
- 2876 *Raikes, R.L*
WATER, WEATHER AND PREHISTORY
Lang.: eng. London: John Baker. 1967. 208p
Descriptor: history * water resources * weather * hydrology * paleoclimatology * archaeology * geomorphology * humans * climatic change * ecology
- 2877 *Rainey, R.C*
RAINFALL: SCARCE RESOURCE IN 'OPPORTUNITY COUNTRY'
Lang.: eng. 1977. Series title: *Royal Society of London, Philosophical Transactions*. Series B. Vol.278:p.439-455
Descriptor: rainfall * atmospheric precipitation * storms * tropical cyclones * locusts * insects * climatic data * monitoring * surveys * weather data
Geographical descriptor: Sudan * Muscat * Oman * Kalahari * Namibia * Australia * Sahara * Africa * Middle East
- 2878 *Rajasthan Special Scheme Organization, Jaipur*
DROUGHT PRONE PROJECT
Lang.: eng. Jaipur: Rajasthan Special Scheme Organization. 1975. 3 Vols
Descriptor: drought * economic analysis * planning * environmental impact * desertification * conservation * land use * management
Geographical descriptor: Rajasthan * India
- 2879 *Ramakrishnan, P.S.; Saxena, K.G*
NITRIFICATION POTENTIAL IN SUCCESSIONAL COMMUNITIES AND DESERTIFICATION OF CHERRAPUNJI INDIA
Lang.: eng. Shillong, India: North-Eastern Hill University. 1984. Series title: *Current Science (Bangalore)*. Vol.53(2):p.107-109
Descriptor: nitrification * desertification
Geographical descriptor: Cherrapunji * India
- 2880 *Ramasastri, K.S*
ON THE DESERTIFICATION AND TRENDS OF RAINFALL IN WEST RAJASTHAN INDIA
Meeting or Conf.: Hydrological aspects of droughts: International Symposium, Dec. 3-7, 1979, New Delhi
Lang.: eng. 1979. p.27-37
Descriptor: desertification * rainfall
Geographical descriptor: Rajasthan * India
- 2881 *Ramaswamy, C*
MONSOON OVER THE INDUS VALLEY DURING THE HARAPPAN PERIOD
Lang.: eng. 1968. Series title: *Nature*. Vol.217:p.628-629
Descriptor: water supply * monsoons * climatic change * desertification * history * radiocarbon dating * archaeology * vegetation change
Geographical descriptor: Pakistan * Indus Basin * Rajasthan
- 2882 *Ramaswamy, C.; Kailasnathan, K*
PROLONGED SPELLS OF NONCONVECTIVE SAND STORMS IN THE RAJASTHAN DESERT DURING THE SW MONSOON PERIOD
Lang.: eng. 1971. Series title: *Vaya Mandal*. Vol.1(2):p.78-83
Descriptor: dust storms * forecasting * atmospheric pressure * weather data * wind velocity * weather patterns * monsoons
Geographical descriptor: India * Rajasthan
- 2883 *Rao, A.R.; Padmanabhan, G*
ANALYSIS AND MODELING OF PALMER'S DROUGHT INDEX SERIES, IOWA, KANSAS
Lang.: eng. 1984. Series title: *Journal of Hydrology*. Vol.68(1-4):p.211-229
Descriptor: drought analysis * climate models * Palmer's drought index
Geographical descriptor: Iowa * Kansas
- 2884 *Rao, R*
REMOTE SENSING IN INDIA
Lang.: eng. Dec. 1983. Series title: *Spaceflight*. Vol.25(12):p.454-455. ISSN 0038-6340
Descriptor: remote sensing * teledetection * space borne photography
Geographical descriptor: India
- 2885 *Rao, R*
TAMING THE THAR INDIA
Lang.: eng. 1986. Series title: *Ceres*. Vol.19(2):p.21-25
Descriptor: deserts * desertification control
Geographical descriptor: India * Thar Desert
- 2886 *Rao, Y.P.; Desai, B.N*
INDIAN SUMMER MONSOON
Meeting or Conf.: Symposium on Tropical Meteorology, Honolulu, 1970, Proceedings
Lang.: eng. 1970. Section J-V, 6p
Descriptor: monsoons * atmospheric circulation * climatology * air temperature * atmospheric pressure * rainfall * meteorology * summer precipitation
Geographical descriptor: Thar Desert * India * Pakistan
- 2887 *Raphikov, A.A*
INFLUENCE OF THE ARAL SEA LEVEL DROP ON THE SOILS MELIORATIVE STATE IN THE AMU DARYA DELTA
Lang.: rus. 1982. Series title: *Problemy Osvoeniya Pustyn*. Vol.6:p.53-61
Descriptor: soil surveys
Geographical descriptor: Aral Sea * Amu Darya * USSR

- 2888 **Rapp, A**
A REVIEW OF DESERTIZATION IN AFRICA: WATER, VEGETATION, AND MAN
Lang.: eng. Stockholm: Secretariat for International Ecology. 1974. Series title: Secretariat for International Ecology (Stockholm). Report. 1. 77p
Descriptor: desertification * climatic change * remote sensing * drought * bibliographies * overgrazing * environmental impact * land use * land reclamation * water shortage
Geographical descriptor: Sahel * Sahara * Africa
- 2889 **Rapp, A**
INTRODUCTION TO SOIL DEGRADATION PROCESSES IN DRYLANDS
Lang.: eng. Dordrecht, The Netherlands: D. Reidel Publishing Co. Aug.-Oct. 1986. Series title: Climatic Change. Vol.9(1-2):p.19-31. ISSN 0165-0009
Descriptor: desertification * arid land * soil degradation * erosion * soil salinization * environmental degradation * mapping
- 2890 **Rapp, A**
NATURRESURSER OCH MILJOEPROBLEM I NORDAFRIKA MED NILDALEN (Natural Resources and Environment Problems in North Africa with the Nile Valley)
Lang.: swe. 1985. Series title: Svensk Geografisk Aarsbok. Vol.61:p.145-165. ISSN 0081-9808. Note: Summary language: English
Descriptor: desertification * soil deterioration * development projects * land use * development plans * injurious factors * natural disasters * planning * resource allocation * resource development
Geographical descriptor: North Africa * Africa * Nile Valley
- 2891 **Rapp, A**
NEEDS OF ENVIRONMENTAL MONITORING FOR DESERT ENCROACHMENT CONTROL
Lang.: eng. 1976. Series title: Ecological Bulletin/NFR. Vol.24:p.231-236. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H. N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: desertification * analytical methods * environmental monitoring * eolian soils * dust storms * wind action * remote sensing
Geographical descriptor: Sahel * Africa
- 2892 **Rapp, A**
SOIL DEGRADATION BY WATER EROSION AND SEDIMENTATION
Lang.: eng. UN Doc. no.: AGL-SD/74/5. Rome: Food and Agriculture Organization of the United Nations. 1974. Series title: UNEP Expert Consultation on Soil Degradation. AGL-SD/74/5. 18p. Note: Meeting paper
Descriptor: soil erosion * sedimentation * soil degradation
Geographical descriptor: Tanzania * Africa
- 2893 **Rapp, A.; et al**
SOIL EROSION AND SEDIMENTATION IN FOUR CATCHMENTS NEAR DODOMA, TANZANIA
Lang.: eng. 1972. Series title: Geografiska Annaler. Vol.45A. p.255. Note: (In) Studies of Soil Erosion and Sedimentation in Tanzania by A. Rapp, L. Berry, and P.H. Temple (eds.)
Descriptor: aerial photography * reservoirs * sedimentation * soil erosion * sheet erosion * gully erosion * catchments * sedimentation * inselbergs
Geographical descriptor: Tanzania * Africa
- 2894 **Rapp, A**
SOIL EROSION AND SEDIMENTATION IN TANZANIA AND LESOTHO
Lang.: eng. 1975. Series title: Ambio. Vol.4(4):p.154-163
Descriptor: soil erosion * sedimentation * rainfall * catchments * reservoirs * overgrazing * semiarid climate * soil management * mountains * gully erosion * runoff * sheet erosion * landslides * storms
Geographical descriptor: Tanzania * Africa
- 2895 **Rapp, A**
SUDAN (REGIONAL STUDIES AND PROPOSALS FOR DEVELOPMENT)
Lang.: eng. 1976. Series title: Ecological Bulletin/NFR. Vol.24:p.155-164. Note: (In) Can Desert Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H. N. Le Houerou and B. Lundholm (eds.) 241p
Descriptor: desertification * surveys * remote sensing * sand control * range management * nomads * planning * land use
Geographical descriptor: Sudan * Africa
- 2896 **Rapp, A**
SYRIA (REGIONAL STUDIES AND PROPOSALS FOR DEVELOPMENT)
Lang.: eng. 1976. Series title: Ecological Bulletin/NFR. Vol.24:p.121-126. Note: (In) Can Deserts Encroachment be Stopped?: A Study with Emphasis on Africa by A. Rapp, H. N. Le Houerou and B. Lundholm (eds.), 241p
Descriptor: desertification * history * overgrazing * animal damage * range management * social aspects
Geographical descriptor: Syria * Middle East
- 2897 **Rapp, A. (ed.); Le Houerou, H.N. (ed.); Lundholm, B. (ed.)**
CAN DESERT ENCROACHMENT BE STOPPED? A STUDY WITH EMPHASIS ON AFRICA
Lang.: eng. 1976. Series title: Ecological Bulletin (Stockholm). 24. 241p
Descriptor: desertification * monitoring * drought * regional surveys * pastoralism * planning * grazing * appropriate technology * political aspects
Geographical descriptor: Africa * Middle East
- 2898 **Rapp, R.R**
SOME ECONOMIC ASPECTS OF RAIN STIMULATION
Lang.: eng. Santa Monica, CA: Rand Corporation. 1970. Series title: Rand Corporation. Paper. P-4524. 13p
Descriptor: rainfall * cloud seeding * weather modification * rainfall runoff relationships * water harvesting * water yield * water management * water costs * weather forecasting * weather data
Geographical descriptor: Israel * Lake Tiberias * Jordan Valley * Middle East
- 2899 **Rappole, J.H.; Russell, C.E.; Norwine, J.R.; et al**
ANTHROPOGENIC PRESSURES AND IMPACTS ON MARGINAL, NEOTROPICAL, SEMIARID ECOSYSTEMS: THE CASE OF SOUTH TEXAS
Lang.: eng. The Netherlands: Elsevier Science Publishers. Nov. 1, 1986. Series title: Science of the Total Environment. Vol.55:p.91-99. ISSN 0048-9697
Descriptor: man * ecosystems * desertification * hydrology * plant ecology
Geographical descriptor: Texas
- 2900 **Rasmussen, E.M**
GLOBAL CLIMATE CHANGE AND VARIABILITY EFFECTS ON DROUGHT AND DESERTIFICATION IN AFRICA
Lang.: eng. 1987. p.3-22. Note: (In) Drought and Hunger in Africa
Descriptor: climatic change * environmental variability * drought * desertification
Geographical descriptor: Africa
- 2901 **Rasulov, M**
DESERTS OF THE WESTERN PART OF THE KARSHI STEPPE (translated title)
Lang.: rus. 1967. Series title: Uzbekistanskoye Geograficheskoye Obshchestvo. Izvestiya. Vol.10:p.73-78
Descriptor: deserts
Geographical descriptor: Karshi Steppe * Uzbek SSR * USSR

- 2902 *Rat'kovskiy, S.P.*
DEFLATION CAUSING FACTORS AND THE PROCESS OF NATURAL GROWTH ON SANDS IN CENTRAL ASIAN DESERTS
Lang.: rus. 1973. Series title: Nauchnyye Trudy Sredneanikh (Tashkent). 15. p.3-11. Note: (In) Zashchitnoye lesorazvedeniye na peschanykh territoriyakh sredney Azii (Protective Forestry Growing on Sandy Territories in Central Asia)
Descriptor: deflation * sand * deserts * forestry * shelterbelts
Geographical descriptor: Central Asia * Asia
- 2903 *Rat'kovskiy, S.P.; Berdykichev, K.B.*
PROSPECTS FOR THE DEVELOPMENT OF FOREST RECLAMATION IN THE TURKMEN SSR
Lang.: rus. Ashkhabad, Turkmen SSR. 1973. p.101-108. Note: (In) Zashchitnoye lesorazvedeniye v Turkmenistane (Protective Forest Growing in Turkmenistan)
Descriptor: afforestation * shelterbelts * forests
Geographical descriptor: Turkmen SSR * USSR
- 2904 *Ratcliffe, F.N.*
FURTHER OBSERVATIONS ON SOIL EROSION AND SAND DRIFT WITH SPECIAL REFERENCE TO SOUTHWESTERN QUEENSLAND
Lang.: eng. 1937. Series title: CSIRO. Pamphlet. 70. 28p
Descriptor: soil erosion * overgrazing * sheep * drought * reclamation * range management * environmental impact * plant communities * soil water plant relationships * lagomorpha * revegetation
Geographical descriptor: Queensland * Australia
- 2905 *Ratcliffe, F.N.*
SOIL DRIFT IN THE ARID PASTORAL AREAS OF SOUTH AUSTRALIA
Lang.: eng. 1936. Series title: CSIRO. Pamphlet. 64. 84p
Descriptor: rangelands * soil erosion * arid land
Geographical descriptor: South Australia * Australia
- 2906 *Ratcliffe, F.N.*
THE RABBIT IN AUSTRALIA
Lang.: eng. Hague: W. Junk. 1959. p.454-464. Note: (In) Biology and Ecology in Australia by J.A. Keast, R.L. Crocker, and C.S. Christian (eds)
Descriptor: lagomorpha * ecology * environmental impact
Geographical descriptor: Australia
- 2907 *Rathjens, C.*
SOME IMPORTANT PRINCIPLES OF ANTHROPOGENIC GEOMORPHOLOGY IN ARID CLIMATES
Meeting or Conf.: International Geographical Congress, 21st, Delhi, 1968, Selected Papers
Lang.: eng. 1968. p.97-499
Descriptor: geomorphology * desertification * arid climate * climate change * irrigation practices
Geographical descriptor: Thar Desert * India
- 2908 *Rauschtolb, R.S.*
LAND DEGRADATION
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1971. Series title: FAO Soils Bulletin. No.13. xii, 105p
Descriptor: soil degradation * environmental policy * desertification control * erosion control * human health * animal health * environmental impact * evaluation
- 2909 *Ravelo, A.C.; Steyaert, L.T.*
CLIMATE IMPACT ASSESSMENT METHODS FOR DROUGHT / FOOD SHORTAGE EARLY WARNING IN CENTRAL AND SOUTH AMERICA: FINAL REPORT
Lang.: eng. Dec. 1983. 405p
Descriptor: drought * food shortage * famine * early warning systems
Geographical descriptor: Central America * South America
- 2910 *Rawitz, E.; Hillel, D.*
A METHOD FOR CHARACTERIZING THE RUNOFF POTENTIAL OF RAINFALL IN WATER HARVESTING SCHEMES
Lang.: eng. 1971. Series title: Water Resources Research. Vol.7(2):p.401-405
Descriptor: water harvesting * rainfall * rainfall runoff relationships * rainfall intensity * depth area duration analysis * weather patterns * wet seasons * weather data * evaluation
Geographical descriptor: Israel * Middle East
- 2911 *Raynaud, C.*
LESSONS OF A CRISIS
Lang.: eng. London, U.K.: International African Institute. 1977. Series title: International African Institute. African Environment Special Report. No. 6. p.17-29. Note: (In) Drought in Africa: 2 by D. Dalby, R.J. Harrison Church, and F. Bezzaz (eds.)
Descriptor: drought * subsistence agriculture * pastoralism * crop production * alternative planning * social aspects * development * rural areas
Geographical descriptor: Sahel * Africa
- 2912 *Rea, A.M.*
ONCE A RIVER: BIRD LIFE AND HABITAT CHANGES ON THE MIDDLE GILA
Lang.: eng. Tucson, AZ: University of Arizona Press. 1983. 285p. ISBN 0816507996
Descriptor: birds * ecology * riparian ecosystems * ethnozoology * American Indians
Geographical descriptor: Gila River Valley * New Mexico * Arizona
- 2913 *Rebillard, P.; Pascaud, P.N.; Harran, H.; et al.*
REGISTRATION AND CLASSIFICATION OF SIR-A, SEASAT AND LANDSAT MSS DATA OVER MONASTIR (TUNISIA)
Meeting or Conf.: International Symposium on Remote Sensing of the Environment, 18th, Proceedings, Paris, France, Oct. 1-5, 1984
Lang.: eng. 1984. p.1433-1441. ISSN 0275-5505. Note: (In) Proceedings of the International Symposium on Remote Sensing of Environment, 18th
Descriptor: satellites * classification * Sir-A * Seasat * Landsat
Geographical descriptor: Monastir * Tunisia * Africa
- 2914 *Rebillard, P.H.; Pascaud, P.N.; Sarraz, D.*
MERGING LANDSAT AND SPACEBORNE RADAR DATA OVER TUNISIA
Meeting or Conf.: COSPAR, IUGS, COSTED, and United Nations, Workshops on Remote Sensing from Satellites, 1st and 9th. and Topical Meeting, Graz, Austria, Jun. 25-Jul. 7, 1984
Lang.: eng. 1984. Vol.4(11), p.133-138. ISSN 0273-1177. Note: (In) Advances in Space Research
Descriptor: deserts * image analysis * radar data * satellite imagery * synthetic aperture radar * Landsat * satellites * Seasat * shuttle imaging radar
Geographical descriptor: Tunisia * Africa
- 2915 *Reboucas, A.C.*
HIDROLOGIA DAS SECAS, NORDESTE DO BRASIL (Hydrology of the Droughts, Northeastern Brazil)
Lang.: por. Recife, Brazil: Divisao de Hidrogeologia. Superintendencia do Desenvolvimento do Nordeste. 1972. 126p
Descriptor: drought * hydrology
Geographical descriptor: Brazil * Northeast Brazil * South America
- 2916 *Reboul, C.*
BARRAGES CONTRE LE DEVELOPPEMENT? (Dams against Development?)
Lang.: fr. 1984. Series title: Revue Tiers-Monde. Vol.25(100):p.749-760
Descriptor: dams * water resources management * environmental impact

- 2917 *Redclift, M*
DEVELOPMENT AND THE ENVIRONMENTAL CRISIS: RED OR GREEN ALTERNATIVES?
Lang.: eng. London, U.K.: Methuen. 1984. 149p.
ISBN 0-416-32140-2 (paperback) 0-416-32130-5 (hardback)
Descriptor: environmental crisis * development policy * political systems
- 2918 *Redzhepbayev, K.; Orzduardiyev, D.; Esenov, P*
SALINIZATION OF NEWLY IRRIGATED DESERT SOILS IN KHAUKHANSKIY MASSIF
Lang.: eng. 1975. Series title: *Problems of Desert Development*. No.5:p.51-57. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: sandy soils * deserts * irrigated conditions * salinization * soil salinity
Geographical descriptor: Khaukhanskiy Massif * USSR
- 2919 *Reed, C.A*
A NATURAL HISTORY STUDY OF KURKUR OASIS, LIBYAN DESERT, WESTERN GOVERNATE, EGYPT
Lang.: eng. 1964. Series title: *Postilla*. Vol.84. 20p
Descriptor: oases * climatic change * water supply * Quaternary period * sedimentation * deserts
Geographical descriptor: Kurkur Oasis * Egypt * Libyan Desert * Africa
- 2920 *Regel, C*
DIE FLORENELEMENTE DER TÜRKEI (The Floral Elements of Turkey)
Lang.: ger. 1966. Series title: *Annales Botanici Fennici*. Vol.3(3):p.343-348
Descriptor: vegetation * flora * botanical studies
Geographical descriptor: Turkey
- 2921 *Reifenberg, A*
MAN-MADE DUNE ENCROACHMENT ON ISRAEL'S COAST
Meeting or Conf.: International Congress of Soil Science, 4th, Amsterdam, 1950
Lang.: eng. 1950. Vol.1:p.325-327
Descriptor: dunes * desertification
Geographical descriptor: Israel * Middle East
- 2922 *Reifenberg, A*
THE SOILS OF SYRIA AND THE LEBANON
Lang.: eng. 1952. Series title: *Journal of Soil Science*. Vol.3:p.68-88
Descriptor: soil types
Geographical descriptor: Lebanon * Syria * Middle East
- 2923 *Reifenberg, A*
THE STRUGGLE BETWEEN DESERT AND THE SOWN
Meeting or Conf.: Desert Research, International Symposium held May 7-14, Jerusalem, Proceedings
Lang.: eng. 1953. Series title: *Research Council of Israel. Special Publication*. 2. p.378-391
Descriptor: crop production * productivity * nomads * settlements * political aspects * human resources * history * agriculture * desiccation * desertification * soil erosion * climatology * land management
Geographical descriptor: Israel * Middle East
- 2924 *Reiff, J. (ed.); Schuurmans, C.J.E. (ed.)*
ANTROPOGENE KLIMAATVERANDERINGEN. OVERZICHT VAN DE STAND VAN ZAKEN (Anthropogenic Climate Changes. State-of-the-Art Survey)
Lang.: ger. The Netherlands: Royal Netherlands Meteorological Institute. 1980. 58p
Descriptor: air pollution * atmospheric heating * climate * human ecology * aerosols * carbon dioxide * precipitation * meteorology * tropics * fluorohydrocarbons * cities * climatology * deforestation
- 2925 *Reinhardt, J*
RELEVANCE TO PALEOCLIMATIC STUDIES; GENERAL STATEMENT
Lang.: eng. 1987. p.15-16. ISSN 0364-6017. Note: (In) *A Workshop on Desert Processes* by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: paleoclimatology
- 2926 *Reining, P*
CHALLENGING DESERTIFICATION IN WEST AFRICA
Lang.: eng. 1980. Series title: *Papers in International Studies (Africa)*. Vol.39
Descriptor: desertification control
Geographical descriptor: Africa
- 2927 *Reining, P*
HANDBOOK ON DESERTIFICATION INDICATORS, BASED ON THE SCIENCE ASSOCIATIONS' NAIROBI SEMINAR ON DESERTIFICATION
Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1978. 141p. ISBN 0-87168-220-6
Descriptor: desertification indicators * reflectance * settlements * land use * water utilization * social aspects * desert biome * soil types * handbooks
- 2928 *Reining, P*
MULTINATIONALEFFORTS TO STEM DESERTIFICATION
Lang.: eng. 1982. Series title: *American Association for the Advancement of Science Abstract Papers*. No.148
Descriptor: desertification control * international cooperation
- 2929 *Reining, P*
UTILIZATION OF ERTS-1 IMAGERY IN CULTIVATION AND SETTLEMENT SITES IDENTIFICATION AND CARRYING CAPACITY ESTIMATES IN UPPER VOLTA AND NIGER: FINAL REPORT
Lang.: eng. Washington, D.C.: U.S. Agency for International Development. 1973. 105p
Descriptor: settlements * carrying capacity * soil management * remote sensing * spaceborne photography
Geographical descriptor: Niger * Upper Volta * Africa * Burkina Faso
- 2930 *Reiss, Z.; Merling Reiss, P.; Moshkovitz, S*
QUATERNARY PLANKTONIC FORAMINIFERIDA AND MANNOPHANKTON FROM THE MEDITERRANEAN CONTINENTAL SHELF AND SLOPE OF ISRAEL
Lang.: eng. 1971. Series title: *Israel Journal of Earth Sciences*. Vol.20(4):p.141-177
Descriptor: continental shelf * Holocene epoch * Pleistocene epoch * oceanography * marine geology * sediments * paleoclimatology * geochronology * climatic change
Geographical descriptor: Israel * Middle East
- 2931 *Reitan, C.H.; Green, C.R*
APPRAISAL OF RESEARCH ON WEATHER AND CLIMATE OF DESERT ENVIRONMENTS
Lang.: eng. Tucson, AZ: University of Arizona Press. 1968. p.19-92. Note: (In) *Deserts of the World* by W.G. McGinnies, B.J. Goldman, and P. Paylore (eds.)
Descriptor: deserts * climatic data * weather data * synoptic climatology * aridity * weather modification * storms * atmospheric precipitation * air circulation * environmental engineering
- 2932 *Renault Benmiloud, M*
PASTORALISME, DOMINATION COLONIALE ET DESERTIFICATION DE LA STEPPE ALGERIENNE (Pastoralism, Colonial Domination and Desertification of the Algerian Plateau)
Lang.: fre. 1980. Series title: *Production Pastorale et Societe*. Vol.6 p.12-20
Descriptor: desertification * pastoralism * history * Ottoman Empire
Geographical descriptor: Algeria * Africa
- 2933 *Reparaz, G. de*
LA UNESCO Y LA ZONA ARIDA (UNESCO and the Arid Zone)
Lang.: spa. Lima: Litografia Valverde. 1954. 12p
Descriptor: UNESCO * hydrology * irrigation * arid land
- 2934 *Reparaz, G. de*
LA ZONE ARIDE DU PEROU
Lang.: fre. 1958. Series title: *Geografiska Annaler*. 40. 62p
Descriptor: coastal areas * physical geography * biogeography * climatology * arid land
Geographical descriptor: Peru * South America

- 2935 *Reparaz, G. de*
RAPIDO BOSQUEJO DE ALGUNOS FACTORES CLIMATICOS DE LA ZONA ARIDA PERUANA (Brief Note on Some Climatic Factors of the Peruvian Arid Zone)
Lang.: spa. 1960. Series title: *Comite Nacional de Proteccion a la Naturaleza, Lima, Boletin*. Vol.18:p.66-75
Descriptor: climate factors * climate * arid land * Peru current * evaporation * atmospheric precipitation * climatology
Geographical descriptor: Peru * South America
- 2936 *Resch, W.F.E*
DAS RIND IN DEN FELSBILDDARSTELLUNGEN NORDAFRIKAS
Lang.: ger. Wiesbaden: Steiner. 1967. 105p
Descriptor: archaeology * cattle * prehistory * ecology * humans
Geographical descriptor: Sahara * Africa
- 2937 *Retaille, D*
LES OASIS DANS UNE GEOGRAPHIE MERIDIENNE SAHARA-SAHEL (The Oasis in a Meridian Geographic Pattern of Sahara-Sahel)
Lang.: fre. 1986. Series title: *Cahiers Geographiques de Rouen*. Vol.26:p.3-16
Descriptor: oases * meridian geographic patterns
Geographical descriptor: Sahara * Sahel * Africa
- 2938 *Reuter, S. (ed.)*
KURZBIBLIOGRAPHIE VORDERER ORIENT: WASSERWIRTSCHAFT, BEWAESSERUNG, DESERTIFIKATION (Short Bibliography on Anterior Asia: Water Resources Management, Irrigation, Desertification)
Lang.: ger. Hamburg: Dokumentationsdienst Moderner Orient. 1983. 17p
Descriptor: water management * irrigation * desertification * biogeographies * biogeography * natural disasters
Geographical descriptor: Asia
- 2939 *Revelle, R*
MISSION TO THE INDUS
Lang.: eng. 1964. Series title: *New Scientist (London)*. Vol.17(326):p.340-342
Descriptor: irrigation effects * saline soils * water level * saturated soils * water management * reclamation
Geographical descriptor: Indus Basin * Pakistan
- 2940 *Revelle, R*
SUCCESSION TO A DIFFERENT LANDSCAPE AS CARBON DIOXIDE AND FOOD AND ENERGY DEMANDS INCREASE
Meeting or Conf.: International Botanical Congress, Meeting, 13th, Sydney, Australia, Aug. 21-28, 1981
Lang.: eng. 1981. p.213
Descriptor: food * carbon dioxide * energy consumption
- 2941 *Richards, K.J*
TURBULENT FLOW OVER TOPOGRAPHY WITH APPLICATIONS TO SAND-WAVE DEVELOPMENT
Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1986. p.435-461. ISBN 90-247-3292. Note: (In) *Physics of Desertification* by F. El-Baz and M.H.A. Hassan (eds.)
Descriptor: turbulence * topography * sand wave development
- 2942 *Richardson, S.D*
FORESTRY IN COMMUNIST CHINA
Lang.: eng. Baltimore, MD: Johns Hopkins Press. 1966. 255p
Descriptor: forestry
Geographical descriptor: China
- 2943 *Ridd, M.K.; Kerr, J.; Merola, J.A*
MULTIVARIATE STRATEGIES IN DETECTING SOIL SALINITY/DESERTIFICATION FROM LANDSAT MSS
Meeting or Conf.: International Symposium on Remote Sensing of the Environment, Proceedings, 18th, Paris, France, Oct. 1-5, 1984
Lang.: eng. 1984. p.1463-1464. ISSN 0275-5505
Descriptor: soil salinity * salinity detection * desertification * Landsat MSS * satellites * remote sensing
- 2944 *Rieben, E.H*
GEOLOGICAL OBSERVATIONS ON ALLUVIAL DEPOSITS IN NORTHERN IRAN
Lang.: eng. 1966. Series title: *Geological Survey of Iran. Report*. 6. 41p
Descriptor: geology * research * alluvial land * sediments
Geographical descriptor: Iran * Middle East
- 2945 *Riehl, H*
CONTROLS OF THE VENEZUELAN RAINY SEASON
Lang.: eng. 1973. Series title: *American Meteorological Society, Bulletin*. Vol.54(1):p.9-13
Descriptor: rainfall * weather patterns * atmospheric circulation * rainfall intensity
Geographical descriptor: Venezuela * South America
- 2946 *Rigby, P*
CATTLE AND KINSHIP AMONG THE GOGO, A SEMI-PASTORAL SOCIETY OF CENTRAL TANZANIA
Lang.: eng. Ithaca, NY: Cornell University Press. 1969. 355p
Descriptor: cattle * ethnology * land use * animal populations * environmental impact * demography
Geographical descriptor: Tanzania * Africa
- 2947 *Rijkx, D*
EXPERIENCE OF DROUGHT IN THE SAHEL REGION
Meeting or Conf.: Symposium on Drought in Botswana, Gaborone, June 5-8, 1978, Proceedings
Lang.: eng. Worcester, MA: Clark University Press. 1979. p.142-146
Descriptor: drought * weather patterns * pastoralism * water resources * desertification * monitoring
Geographical descriptor: Sahel * Africa
- 2948 *Rincy, T.A*
WILDLIFE AND NOMADIC STOCKS IN SEMI-ARID LANDS
Lang.: eng. 1971. p.27-37. Note: (In) *Land Reform, Land Settlements and Cooperatives*
Descriptor: pastoralism * grazing * nomads * reclamation * land use * wildlife management * desiccation * economic development * livestock * semiarid climate
- 2949 *Ringrose, S.; Matheson, W*
CONSIDERATION OF EFFECTIVE INDICATORS FOR MONITORING DESERTIFICATION IN BOTSWANA USING SATELLITE SYSTEMS
Lang.: eng. 1985. p.101-111. Note: (In) *Remote Sensing: Data Acquisition, Management and Applications. Proceedings Poster Sessions RSS/CERMA Conference*
Descriptor: desertification indicators * monitoring * satellite borne photography
Geographical descriptor: Botswana * Africa
- 2950 *Ringrose, S.; Matheson, W*
DESERTIFICATION IN BOTSWANA: PROGRESS TOWARDS A VIABLE MONITORING SYSTEM
Lang.: eng. 1986. Series title: *Desertification Control Bulletin*. No.13:p.6-11
Descriptor: remote sensing * satellite imagery * desertification * radiometry
Geographical descriptor: Botswana * Africa
- 2951 *Ringrose, S.; Matheson, W*
MONITORING DESERTIFICATION USING LANDSAT MSS DATA WITH CONSIDERATION AS TO THE NATURE OF THE INFRARED PARADOX
Lang.: eng. Gaborone, Botswana: University of Botswana. 1986. 17p
Descriptor: landsat * satellites * desertification * satellite imagery * arid land * remote sensing
Geographical descriptor: Botswana * Africa

- 2952 *Ringrose, S.; Matheson, W*
SPECTRAL ASSESSMENT OF INDICATORS OF RANGE DEGRADATION IN THE BOTSWANA HARDVELD ENVIRONMENT
Lang.: eng. Nov. 1987. Series title: Remote Sensing of Environment. Vol.23(2):p.1987
Descriptor: multispectral band scanners * rangelands * remote sensing * spectral reflectance * degradation * environmental monitoring * vegetative index
Geographical descriptor: Botswana * Africa
- 2953 *Rinker, J.N*
INSTRUMENTED FIELD SITES
Meeting or Conf.: A Workshop on Desert Processes, Flagstaff, U.S. Geological Survey, Sep. 24-28, 1984
Lang.: eng. 1987. p.12-13. ISSN 0364-6017
Descriptor: instruments * environmental monitoring * field sites
- 2954 *Ripple, W.J*
GEOGRAPHIC INFORMATION SYSTEMS FOR RESOURCE MANAGEMENT: A COMPENDIUM
Lang.: eng. 1987. 293p. Note: (In) American Society for Photogrammetry and Remote Sensing and American Congress on Surveying and Mapping
Descriptor: geographic information systems * resources management * cities * computer graphics * data bases * data integration * desertification * earth resources * inventories * soil erosion * soil mapping * terrain analysis * thematic mapping * vegetation growth * water resources
Geographical descriptor: Houston * Texas * Lake Erie
- 2955 *Risley, E*
REMOTE SENSING OF DESERTIFICATION PROCESSES: THE JORNADA TEST SITE
Meeting or Conf.: International Symposium on Remote Sensing of Environment, 1st. Thematic Conference, Remote Sensing of Arid and Semi-Arid Lands, Proceedings, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. Ann Arbor, MI: Environmental Research Institute of Michigan. 1982. Vol.1, 145p. Note: (In) Remote Sensing of Arid and Semi-Arid Lands, 1305p
Descriptor: remote sensing * satellite borne photography * desertification * satellites
Geographical descriptor: Jornada * New Mexico
- 2956 *Risley, E.M*
MONITORING CHANGING LANDSCAPES
Lang.: eng. 1981. Series title: EOS Trans American Geophysics Union. Vol.62(17):p.279
Descriptor: monitoring * landscape * remote sensing
- 2957 *Risopoulos, S.A.; Thenevin, P*
EMASAR PHASE II: VOLUME I. LES PAYS SAHÉLIENS: DEVELOPPEMENT ET VULGARISATION DANS LE DOMAINE PASTORAL
Lang.: fre. Rome, Italy: Food and Agriculture Organization. 1977. ix, 134p
Descriptor: rural development * pastoralism * nomads * rangelands * land management * grazing
Geographical descriptor: Sahel * Africa
- 2958 *Ritter, W*
DID ARABIAN OASES RUN DRY?
Lang.: eng. 1980. Series title: Stuttgarter Geographische Studien. Vol.95. p.73-92. ISBN 3-88028-095-9. Note: (In) Desertification in Extremely Arid Environments by W. Meckelein (ed.); Summary language: French, German
Descriptor: oases * desertification * history * archaeology
Geographical descriptor: Saudi Arabia * Middle East
- 2959 *Robbins, J*
A GRAZING GURU SAYS HE CAN RESTORE THE RANGE BY DOUBLING THE NUMBER OF CATTLE
Lang.: eng. 1984. Series title: High Country News. Vol.16(14):p.14
Descriptor: cattle * livestock * rangelands
- 2960 *Robbins, L.H*
ARCHEOLOGY IN THE TURKANA DISTRICT, KENYA
Lang.: eng. 1972. Series title: Science. Vol.176(4033):p.359-366
Descriptor: climatic geomorphology * archaeology * deserts * lakes * grazing effects * wind action * desertification
Geographical descriptor: Kenya * Turkana * Africa
- 2961 *Roberts, B.R*
APPLICATION OF VELD MANAGEMENT IN SOUTH AFRICA, AN ANALYSIS OF PROGRESS
Lang.: eng. 1969. Series title: Grassland Society of South Africa. Proceedings. Vol.4:p.92-98
Descriptor: grasslands * veld * conservation * grazing systems * agriculture
Geographical descriptor: South Africa * Africa
- 2962 *Roberts, B.R*
APPLIED PLANT ECOLOGY IN LAND-USE PLANNING OF CATCHMENT AREAS
Lang.: eng. 1965. Series title: South African Journal of Science. Vol.61(3):p.111-117
Descriptor: erosion * soil erosion * vegetation effects * range management * watershed management * semiarid climate * catchments * land use * desertification
Geographical descriptor: Karroo * South Africa * Africa
- 2963 *Roberts, B.R*
ASSESSMENT OF VELD CONDITION AND TREND
Lang.: eng. 1970. Series title: Grassland Society of South Africa. Proceedings. Vol.5:p.137-139
Descriptor: grasslands * veld * reclamation * insects * climax * vegetation * soil surfaces
Geographical descriptor: South Africa * Africa
- 2964 *Robertson, T.C*
SOIL IS LIFE
Lang.: eng. Cape Town: Caltex. 1968. 56p
Descriptor: desertification * overgrazing
Geographical descriptor: South Africa * Africa
- 2965 *Robertson, V.C*
EXPERIENCE IN THE MIDDLE EAST
Lang.: eng. 1977. Series title: Royal Society of London, Philosophical Transactions Ser. B. Vol.278:p.525-535
Descriptor: desertification * surveys * land use * irrigation
Geographical descriptor: Middle East * Jordan * Iraq * Tigris River * Euphrates River * Mesopotamian Plain
- 2966 *Robinove, C.J.; Chavez, P.S.; Gehring, D.; et al*
ARID LAND MONITORING USING LANDSAT ALBEDO DIFFERENCE IMAGES
Lang.: eng. May 1981. Series title: Remote Sensing of Environment. Vol.11(2):p.133-156. ISSN 0034-4257
Descriptor: arid land * monitoring * Landsat * satellites * albedo * remote sensing
- 2967 *Robinson, V.B.; Coiner, J.C.; Barringer, T.H*
DYNAMIC MODELING OF VEGETATION CHANGE IN ARID LANDS
Meeting or Conf.: International Symposium on Remote Sensing of Environment, First Thematic Conference. Proceedings, Cairo, Egypt, Jan. 19-25, 1982
Lang.: eng. 1982. Vol.1. p.121-131
Descriptor: arid land * desertline * environmental models * Landsat * satellites * remote sensing * vegetation * digital data * multispectral band scanners
Geographical descriptor: Mali * Africa
- 2968 *Roboff, F.V*
THE MOVING TARGET: HEALTH STATUS OF NOMADIC PEOPLES
Lang.: eng. 1977. Series title: Economic Geography. Vol.53(4):p.421-428
Descriptor: nomads * diseases * human diseases * infectious diseases * soil borne diseases * tropical diseases * drought * social aspects * economic impact * water supply * pastoralism
Geographical descriptor: Sahel * Africa

- 2969 *Robson, A.; Morgan, J.; Herschy, R.W.; et al*
POTENTIAL FOR DETECTION OF NATURAL DISASTERS VIA METEOSAT
 Meeting or Conf.: International Astronautical Congress, 32nd, Rome, Italy, Sep. 6-12, 1981
 Lang.: eng. Sep. 1981. 19p. Note: (In) International Astronautical Federation
Descriptor: data collection * earth observations * environmental monitoring * Meteosat * satellites * remote sensing * weather forecasting * data collection platforms * earthquakes * floods * satellite borne photography * storms * meteorology * water management
- 2970 *Rochette, R.M*
PROPOSED GUIDELINES FOR IMPLEMENTING THE REGIONAL DESERTIFICATION CONTROL STRATEGY IN THE SAHEL
 Lang.: eng. Paris: Club du Sahel. 1985. 27p
Descriptor: desertification control * guidelines * government policy * regional planning
Geographical descriptor: Sahel * Africa
- 2971 *Rochette, R.M*
SUMMARY REPORT OF THE REGIONAL SEMINAR ON DESERTIFICATION, NOUAKCHOTT, 1984
 Lang.: eng. Paris: Club du Sahel. 1985. 90p. Note: Proceedings of a seminar held in Nouakchott, Mauritania, 1984
Descriptor: desertification
Geographical descriptor: Mauritania * Sahel * West Africa * Africa
- 2972 *Rodd, F*
THE SAHARA Letter to the editor
 Lang.: eng. 1938. **Series title:** *Geographical Journal*. Vol.91(4):p.354-355
Descriptor: desertification * climatic change * vegetation change
Geographical descriptor: Sahara * Nigeria * Africa
- 2973 *Rodgers, W.M*
HISTORICAL LAND OCCUPANCE OF THE UPPER SAN PEDRO RIVER VALLEY (ARIZONA) SINCE 1870
 Lang.: eng. Tucson, AZ: University of Arizona. 1965. 167p. Note: (M.S. Thesis)
Descriptor: regional geography * demography * land use * environmental impact * bibliographies
Geographical descriptor: San Pedro Valley * Arizona * Southwestern U.S
- 2974 *Rodin, L.E*
ECOLOGICAL CHANGES AND DESERTIFICATION
 Meeting or Conf.: Conference on Desertification, Nairobi, 1977
 Lang.: rus. 1978. **Series title:** *Problemy Osvoeniya Pustyn*. 1978(3):p.40-55. ISSN 0032-9428
Descriptor: ecology * United Nations
- 2975 *Rodin, L.Y*
PRODUCTIVITY OF DESERT COMMUNITIES
 Lang.: rus. Leningrad, USSR: Nauka. bo.1:p.128-166. Note: (In) Resursy biosfery (Resources of the biosphere)
Descriptor: deserts * productivity
- 2976 *Rodrigues, V*
DESERTIFICACAO: AS RELACOES ENTRE SUAS CAUSAS E AS ATIVIDADES HUMANAS (Desertification: Relation Between Causes and Human Activities)
 Lang.: por. Mar.-Apr. 1987. **Series title:** *Interciencia*. Vol.12(2):p.63-69, 97, 98. ISSN 0378-1844
Descriptor: desertification * human activity * surveys * principal component analysis
- 2977 *Rodriguez, L.R*
FORESTRY IN THE HIGHLANDS: THE CHALLENGE OF DESERTIFICATION
 Lang.: spa. 1987. **Series title:** *Arch. Biol. Med. Exp.* Vol.20(1):p.51-62
Descriptor: forestry * highlands * desertification
- 2978 *Rognon, P*
CLIMATIC INFLUENCES ON THE AFRICAN HOGGAR DURING THE QUATERNARY, BASED ON GEOMORPHOLOGIC OBSERVATIONS
 Lang.: eng. Washington, D.C.: Association of American Geographers. 1967. **Series title:** *Association of American Geographers Annals*. Vol.57(1):p.115-127
Descriptor: Quaternary period * paleoclimatology * geomorphology * tropics * dunes * climatic vegetal relationships * archaeology * Mediterranean climate * climatic change * vegetation change
Geographical descriptor: Sahara * Africa
- 2979 *Rognon, P*
DESERTET DESERTIFICATION (Deserts and Desertification)
 Lang.: fre. Paris, France: University Pierre et Marie Curie. 1985. **Series title:** *Total Information*. Vol.100:p.4-10. ISSN 0152-6189
Descriptor: deserts * desertification
- 2980 *Rognon, P*
L'ÉVOLUTION DE LA VALLEE DU NIL D'APRES DES ETUDES RECENTES (Evolution of the Nile Valley in Light of Recent Studies)
 Lang.: fre. Algeria: Institut de Recherches Sahariennes. 1960. **Series title:** *Institut de Recherches Sahariennes Travaux*. Vol.19:p.151-156
Descriptor: rivers * topography * geomorphology * evolution
Geographical descriptor: Egypt * Nile River * Africa
- 2981 *Rognon, P*
LATE QUATERNARY CLIMATIC RECONSTRUCTION FOR THE MAGHREB NORTH AFRICA
 Lang.: eng. 1987. **Series title:** *Paleogeography, Palaeoclimatology and Paleoecology*. Vol.58(1-2):p.11-34
Descriptor: climatic change * climatic reconstruction * paleoclimatology
Geographical descriptor: Maghreb * Africa * North Africa
- 2982 *Rognon, P*
LE DESERT DE L'AFAR (ETHIOPIE)
 Lang.: fre. 1972. **Series title:** *Association de Geographes Francais Bulletin*. Vol.399:p.235-249
Descriptor: water sources * deserts
Geographical descriptor: Ethiopia * Danakil * Africa
- 2983 *Rognon, P*
LE MASSIF DE L'ATAKOR ET SES BORDURES (SAHARA CENTRAL). ETUDE GEOMORPHOLOGIQUE
 Lang.: fre. Paris: Centre National de la Recherche Scientifique. 1967. **Series title:** *Centre National de la Recherche Scientifique. Centre de Recherches sur les Zones Arides. Serie Geologie*. Vol.9. 559p
Descriptor: massif * climatic geomorphology * Quaternary period * inselbergs * tectonics * denudation chronology
Geographical descriptor: Algeria * Sahara * Africa
- 2984 *Rognon, P*
MODIFICATIONS NATURELLES DU CYCLE HYDROMETEOROLOGIQUE DEPUIS 10,000 ANS. LEUR UTILISATION POUR LA PREVISION CLIMATIQUE A LONG TERME
 Lang.: fre. Grenoble, France: Societe Hydrotechnique de France. 1975. **Series title:** *Journées de l'Hydraulique. Comptes Rendus. Rapport General*. 13, Question 1. 18p
Descriptor: climatic change * Holocene epoch * meteorology * hydrology
Geographical descriptor: Sahel * Africa
- 2985 *Roller, N.E.G.; Colwell, J.E*
COARSE-RESOLUTION SATELLITE DATA FOR ECOLOGICAL SURVEYS
 Lang.: eng. 1986. **Series title:** *Bioscience*. Vol.36(7):p.468-475
Descriptor: satellite borne photography * remote sensing * ecological surveys

- 2986 *Roller, N.E.G.; Colwell, J.E.; Aggarwala, R*
MONITORING DESERTIFICATION THROUGH DETECTION OF LAND COVER CHANGES BY ALBEDO MAPPING WITH AVHRR DATA
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, 19th, Ann Arbor, MI, Oct. 21-25, 1985
 Lang.: eng. 1985. Vol.2:p.809-820
Descriptor: monitoring * desertification * detection * land cover * albedo * mapping * AVHRR * remote sensing
- 2987 *Rolley, J*
FOREST CONDITIONS IN SYRIA AND IRAN
 Lang.: eng. 1948. **Serialtitle:** Unasylya. Vol.2:p.77-80
Descriptor: forests
Geographical descriptor: Lebanon * Syria * Middle East
- 2988 *Romanov, Y.A*
OPYT SOZDANIYA ZASHCHITNYKH LESNYKH NASAZHDENIY NA ZADERNELYKH PESKAKH SREDNEAMUDAR'INSKOGO OAZISA(Experiment in the Development of Protective Forest Vegetation on Covered Sands of Sredneamudar'inski Oasis)
 Lang.: rus. Ashkhabad, Turkmen SSR: Turkmen SSR Academy of Sciences. 1969. 15p. Note: (Candidate dissertation summary)
Descriptor: vegetation * forests * shelterbelts * sand * sand control * afforestation * typology
Geographical descriptor: Sredneamudar'inskiy Oasis * Turkmen SSR * USSR
- 2989 *Ron, Z*
AGRICULTURAL TERRACES IN THE JUDEAN MOUNTAINS
 Lang.: eng. 1969. **Series title:** Israel Exploration Journal. Vol.16:p.33-49, 111-122
Descriptor: mountains * agriculture * terracing
Geographical descriptor: Israel * Judean Mountains * Middle East
- 2990 *Roose, E.; Piot, J*
RUNOFF, EROSION AND SOIL FERTILITY RESTORATION ON THE MOSSI PLATEAU (CENTRAL UPPER VOLTA)
 Meeting or Conf.: Challenges in African Hydrology and Water Resources, Proceedings of the Harare Symposium, Harare, Zimbabwe, Jul. 23-27, 1984
 Lang.: eng. 1984. **Serialtitle:** International Association of Hydrological Sciences Publication. Vol.144:p.485-498. ISBN 0-947571-05-1. ISSN 0144-7815
Descriptor: runoff * erosion * soil fertility * restoration
Geographical descriptor: Mossi Plateau * Upper Volta * Africa
- 2991 *Rosema, A*
RESULTS OF THE GROUP AGROMET MONITORING PROJECT (GAMP)
 Lang.: eng. 1986. **Serialtitle:** ESA Journal. Vol.10(1):p.17-41. ISSN 0379-2285
Descriptor: Agromet Project * monitoring * environmental impact
- 2992 *Rosenan, N*
CLIMATIC FLUCTUATIONS IN THE MIDDLE EAST DURING THE PERIOD OF INSTRUMENTAL RECORD
 Lang.: eng. Paris: UNESCO. 1963. **Serialtitle:** Arid Zone Research. Vol.20:p.67-73
Descriptor: meteorological data * climatic data * temperature * atmospheric precipitation * rainfall * Mediterranean climate * water level
Geographical descriptor: Middle East * Israel * Lebanon * Egypt * Sudan * Dead Sea * Africa
- 2993 *Rosenan, N*
LONG RANGE FORECASTS OF RAINFALL
 Lang.: eng. 1951. **Series title:** Research Council of Israel, Bulletin. Vol.1(1-2):p.33-35
Descriptor: rainfall * weather forecasting * anticyclones * weather data
Geographical descriptor: Israel * Middle East
- 2994 *Rosenburg, NJ*
THE INFLUENCE AND IMPLICATIONS OF WINDBREAKS ON AGRICULTURE IN DRY REGIONS
 Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1967. p.327-349. Note: (In) Ground Level Climatology
Descriptor: arid land * windbreaks * agriculture * environmental engineering
- 2995 *Rosenthal, S.I.; Gleeson, T.A*
SEA LEVEL ANTICYCLOGENESIS AFFECTING MEDITERRANEAN WEATHER
 Lang.: eng. 1959. **Series title:** Archiv fuer Meteorologie, Geophysik und Bioklimatologie. Vol.9:p.185-190
Descriptor: Mediterranean climate * anticyclones
Geographical descriptor: Mediterranean Region
- 2996 *Rosenzweig, D.; et al*
STUDY OF DIFFERENCE IN EFFECTS OF FOREST AND OTHER VEGETATIVE COVERS ON WATER YIELD: FINAL REPORT
 Lang.: eng. Emek Hefer, Israel: Soil Erosion Research Station, Ruppit Institute of Agriculture. 1972. **Serialtitle:** Research Report. No.33. 139p
Descriptor: water use * water supply * water balance * forests
Geographical descriptor: Israel * Middle East
- 2997 *Ross, J.H*
ACACIA KARROO IN SOUTHERN AFRICA
 Lang.: eng. 1971. **Serialtitle:** Bothalia. Vol.10:p.385-402
Descriptor: Acacia * shrubs * plant invaders * brush control * phreatophytes * karroo
Geographical descriptor: South Africa * Karroo * Africa
- 2998 *Rossignol, M.; Pastouret, L*
ANALYSE POLLINIQUE DE NIVEAUX SAPIPELIQUES POSTGLACIAIRES DANS UNE CAROTTE EN MEDITERRANEE ORIENTALE (Pollen Analysis of Post-Glacial Sapropel Muds in an Eastern Mediterranean Core)
 Lang.: fre. 1971. **Serialtitle:** Review of Palaeobotany and Palynology. Vol.11(3-4):p.227-238
Descriptor: palynology * sediments * vegetation * paleobotany * forests * Pinus * Quercus * animal damage * human activity
Geographical descriptor: Mediterranean Basin
- 2999 *Rossignol, M*
SEDIMENTATION PALYNOLOGIQUE RECENTE DANS LA MER MORTE (Recent Pollen Sedimentation in the Dead Sea)
 Lang.: fre. 1969. **Series title:** Pollen et Spores. Vol.11(1):p.17-38
Descriptor: palynology * sediments * lakes * sedimentation * halophytes * phytogeography * flora
Geographical descriptor: Israel * Dead Sea * Middle East
- 3000 *Ross, H*
LOS RIOS COSTANEROS DE LOS DEPARTAMENTOS DEL NORTE Y LA INFLUENCIA QUE TIENEN EN ELLOS LOS BOSQUES ISANDINOS (Coastal Rivers of Northern Peru and the Influence of Forests of the Eastern Andes Slopes)
 Lang.: spa. 1940. **Serialtitle:** Sociedad Geografica de Lima, Boletin. Vol.57(3):p.157-164
Descriptor: coastal areas * rivers * forests * water discharge * streamflow * soil erosion
Geographical descriptor: Andes * Peru * South America
- 3001 *Roth, R*
THE EFFECT OF CHANGE IN SURFACE ROUGHNESS ON THE PRECIPITATION REGIME IN THE COASTAL AREA OF NORTHEASTERN BRAZIL (Deforestation to Grow Sugarcane, Desertification Semi-arid Areas)
 Lang.: eng. 1984. **Serialtitle:** GeoJournal. Vol.8(3):p.205-209. ISSN 0343-2521
Descriptor: surface roughness * precipitation * deforestation * sugar cane * desertification * semi-arid lands
Geographical descriptor: Brazil * South America

- 3002 *Roth, R.E.*
ENVIRONMENTAL MANAGEMENT EDUCATION A MODEL FOR INTERNATIONAL DEVELOPMENT
Lang.: eng. Apr. 19-21, 1985. **Serialtitle:** Ohio Journal of Science. Vol.85(2):p.59
Descriptor: environmental management * environment * environmental models * education * international development
- 3003 *Roubet, C.; Hugot, H.; Souville, G.; et al*
PREHISTOIRE AFRICAINE: MELANGES OFFERTS AU DOYEN LIONEL BALOUT (African Prehistory A Work Offered as Homage to Lionel Balout)
Lang.: fre. 1981. 376p. ISBN 2-86538-022-X. Note: Individual papers are cited separately
Descriptor: prehistory * environmental profiles
Geographical descriptor: Africa
- 3004 *Rounce, N.V.; King, J.G.M.; Thornton, D*
A RECORD OF INVESTIGATIONS AND OBSERVATIONS ON THE AGRICULTURE OF THE CULTIVATION STEPPE OF SUKUMA AND NYAMWEZI WITH SUGGESTIONS AS TO THE LINES OF PROCESS
Lang.: eng. 1942. **Serialtitle:** Tanganyika Territory. Dar es Salaam. Department of Agriculture. Pamphlet. 30
Descriptor: agriculture * agricultural surveys * steppes * cultivation
Geographical descriptor: Tanzania * Africa
- 3005 *Roundy, R.W.*
ENVIRONMENTAL PRODUCTIVITY IN PRE-REVOLUTIONARY ETHIOPIA: PERENNIAL VEGETATION RESOURCES
Lang.: eng. Ontario, Canada: McGill University. Centre for Developing Area Studies. 1985. **Serialtitle:** Discussion Paper Series. No.33. 20p
Descriptor: vegetation * environmental policy * forest resources * deforestation
Geographical descriptor: Ethiopia * Africa
- 3006 *Roux, P.W.; Vorster, M*
VEGETATION CHANGE IN THE KAROO
Lang.: eng. 1983. **Serialtitle:** Grassland Society of South Africa Proceedings. Vol.18:p.25-29
Descriptor: vegetative change
Geographical descriptor: Karoo * South Africa * Africa
- 3007 *Rovira, P.A*
CONTRIBUCION A LA DEFINICION DEL SEMIARIDO CHILENO (Contribution to the Definition of the Chilean Semi-arid Zone)
Lang.: spa. 1984-1985. **Serialtitle:** Revista Geografica de Chile 'Terra Australis'. Vol.28:p.69-94
Descriptor: semiarid lands * geography * environmental surveys
Geographical descriptor: Chile * South America
- 3008 *Rowan, J.N*
SALTING ON DRYLAND FARMS IN NORTHWESTERN VICTORIA
Lang.: eng. Melbourne: Victoria Soil Conservation Authority. 1971. 53p
Descriptor: salinity * pans * seepage * dry farming * fallow
Geographical descriptor: Victoria * Australia
- 3009 *Rowe, J.S*
SOME OBSERVATIONS ON FORESTRY IN CHINA
Lang.: eng. Apr. 1984. **Serialtitle:** Forestry Chronicle. Vol.60(2):p.96(5)
Descriptor: forestry
Geographical descriptor: China
- 3010 *Rowntree, P.R.; Sangster, A.B*
REMOTE SENSING IDENTIFIED IN CLIMATE MODEL EXPERIMENTS WITH HYDROLOGICAL AND ALBEDO CHANGES IN THE SAHEL
Lang.: eng. May 1986. p.175-183. Note: (In) ESA Proceedings of an International Satellite Land-Surface Climatology Project (ISLSCP) Conference
Descriptor: remote sensing * climate models * hydrology * albedo
Geographical descriptor: Sahel * Africa
- 3011 *Rowton, M.B*
THE WOODLANDS OF ANCIENT WESTERN ASIA
Lang.: eng. 1967. **Serialtitle:** Journal of Near Eastern Studies. Vol.26:p.261-277
Descriptor: forests * history * erosion * mountains * atmospheric precipitation * phytogeography
Geographical descriptor: Israel * Syria * Iraq * Africa * Jordan * Turkey * Middle East
- 3012 *Roy, B.B.; Pandey, S*
EXPANSION OR CONTRACTION OF THE GREAT INDIAN DESERT
Lang.: eng. 1970. **Serialtitle:** National Academy of Sciences of India Proceedings Section B: Biological Sciences (Allahabad). Vol.36(6):p.331-344
Descriptor: moisture availability * meteorology * rainfall * monsoons * seasonal climatology * geomorphology * hydrology * plants * animals * cultural geography * Miocene epoch * paleoclimatology * paleogeography * climatic geomorphology
Geographical descriptor: Indian Desert * India
- 3013 *Roy, B.B.; Gupta, R.K.; Pandey, S*
NATURAL RESOURCES AND THEIR DEVELOPMENT IN MAHENDRAGARH DISTRICT OF HARYANA STATE
Lang.: eng. 1970. **Serialtitle:** Annals of Arid Zone. Vol.9(2):p.65-76
Descriptor: semiarid climate * wind erosion * sierozems * temperature ranges * arid climate * natural resources
Geographical descriptor: India * Mahendragarh District
- 3014 *Rozanov, B.G*
ARID ZONE LAND RESOURCES IN THE USSR THEIR EFFECTIVE USE AND PROTECTION
Lang.: rus. 1986. **Serialtitle:** Problemy Osvoeniya Pustyn. Vol.5:p.22-28
Descriptor: arid land * land resources * environmental protection
Geographical descriptor: USSR
- 3015 *Rozanov, B.G*
LAND ARIDIZATION AND ANTHROPOGENIC DESERTIFICATION
Lang.: rus. 1984. **Serialtitle:** Pochvovedenie/Vol.12:p.34-38
Descriptor: desertification * human activity * environmental impact
- 3016 *Rozanov, B.G.; Zonn, I.S*
PLAN DEYSTVIY PO BOR'BE S OPUSTYNIVANIEM V SSSR; OTSENKA, MONITORING, PREDUPREZHDENIYA I BOR'BA S NIM (Action Plan in the Struggle Against Desertification in the USSR; Evaluation, Surveillance and Struggle)
Lang.: rus. 1981. **Serialtitle:** Problemy Osvoeniya Pustyn. No.6:p.22-31. ISSN 0032-9428
Descriptor: desertification control * surveillance * environmental impact
Geographical descriptor: USSR
- 3017 *Rozanov, B.G*
ROLE AND GOALS OF SCIENCE IN IMPLEMENTING THE WORLD PLAN OF ACTIVITIES FOR THE CONTROL OF DESERT FORMATION Recommendations of the World Conference on the Problem of Desertification of 1977
Lang.: rus. 1980. **Serialtitle:** Problemy Osvoeniya Pustyn. Vol.5:p.3-9. ISSN 0032-9428
Descriptor: desertification control * desertification * science
- 3018 *Rozanov, B.G*
ROLE AND TASKS OF SCIENCE IN CARRYING OUT THE WORLD PLAN OF ACTION ON DESERTIFICATION CONTROL
Lang.: eng. 1980. **Serialtitle:** Problems of Desert Development. Vol.5:p.1-9. Note: Translated from: Problemy Osvoeniya Pustyn (1980, No.5:p.3-9)
Descriptor: desertification control * global strategy

- 3019 *Rozanov, B.G.*
ROLE OF THE WORLD SCIENTIFIC COMMUNITY IN IMPLEMENTING THE PLAN OF ACTION TO COMBAT DESERTIFICATION
 Lang.: eng. 1980. p.497-503. Note: (In) *Arid Zone Research and Development: Proceedings and Selected Papers by H.S. Mann (ed.)*
Descriptor: desertification control * scientific community * global strategy
- 3020 *Rozanov, B.G.*
SOVIET DESERTS ARE RECLAIMED
 Lang.: eng. 1977. Series title: *Geographical Magazine*. Vol.50(3):p.162-166
Descriptor: desertification * grazing * animal damage * sand control * wind erosion * dry farming * salts * saline soils * irrigation effects * climatic change * range management
Geographical descriptor: USSR
- 3021 *Rozanov, B.G.; Zonn, S.*
THE DEFINITION, DIAGNOSIS AND ASSESSMENT OF DESERTIFICATION IN RELATION TO EXPERIENCE IN THE USSR
 Lang.: eng. Dec. 1982. Series title: *Desertification Control Bulletin*. No.7:p.13-17
Descriptor: soil fertility * desertification
Geographical descriptor: USSR
- 3022 *Rozanov, B.G.*
THE PREPARATION BY THE UNITED NATIONS OF A 1977 CONFERENCE ON DESERTIFICATION
 Lang.: rus. 1976. Series title: *Problemy Osvoeniya Pustyn*. No.6:p.16-18. Note: Summary in English
Descriptor: desert processes * United Nations
- 3023 *Rubio, J.L.; Herrero Borgonon, J.J.*
LA DESERTIFICACION DEL LITORAL MEDITERRANEO ESPANOL (Desertification of Spanish Mediterranean Littoral)
 Lang.: spa. Oct. 1987. Series title: *Arbor*. Vol.128(502):p.65-78. ISSN 0210-1963
Descriptor: desertification * erosion control * coastal areas * fire effects * injurious factors * natural disasters * physiographic features
Geographical descriptor: Spain * Mediterranean Region * Atlantic Ocean
- 3024 *Rudolfo Cortes, S.*
EL MEDIO FISICO VENEZOLANO (Venezuela's Physical Environment)
 Lang.: spa. Caracas: Talleres Sorocaima. 1952. 137p
Descriptor: Physical geography * landforms * soil types * animal populations * vegetation
Geographical descriptor: Venezuela * South America
- 3025 *Rupert, H.*
DIE ROLLE DES TRINKWASSERS FUR DIE MIGRATION VON BEVOLKERUNGSGRUPPEN IN DER SAHELZONE DER REPUBLIK SUDAN. (The significance of drinking water for migration in the Sahel zone of the Sudan)
 Lang.: ger. 1988. Series title: *Erde*. Vol.119(3):p.171-177. Note: Summaries in English, French
Descriptor: water supply * migration * population pressure * seasonality * nomads * pastoralism
Geographical descriptor: Sudan * Africa
- 3026 *Russell, C.S.; Arey, D.G.; Kates, R.W.*
DROUGHT AND WATER SUPPLY
 Lang.: eng. Baltimore, MD: Johns Hopkins Press. 1970. 232p
Descriptor: drought * water sources * water supply
- 3027 *Russell, H.E.*
AFFORESTATION PROJECTS Environmental Guidelines for Afforestation Projects
 Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1986. Series title: *UNEP Environmental Management Guidelines*. No.9. x, 12p
Descriptor: afforestation * environmental impact * environmental conservation * water management * climate * fertilizers * silviculture * agroforestry
- 3028 *Russell, R.T.; Martin, P.S.*
BEYOND BOS: LITERATURE OF GAME RANCHING (ESPECIALLY ELAND) AND THE NEW RANGE MANAGEMENT
 Lang.: eng. Tucson, AZ: University of Arizona. Department of Geosciences. 1972. 14p
Descriptor: bibliographies * game farming * wildlife management * mammals * range management * animal ecology * introduced species * adaptation * carrying capacity * *Tragelaphus*
Geographical descriptor: East Africa * Africa
- 3029 *Rust, U.*
DESERTIFICATION IN KAOKOLAND (NORTHERN SOUTH WEST AFRICA/NAMIBIA) Field Evidence, Recognition in Satellite Imagery, Mapping of Spatial Distribution by Satellite Image Interpretation (Landsat 1)
 Lang.: eng. 1982. 7p. Note: (In) 1982 International Geoscience and Remote Sensing Vol. 1
Descriptor: deserts * geomorphology * image analysis * remote sensing * satellite imagery * thematic mapping * ecosystems * land use * Landsat * satellites * human ecology
Geographical descriptor: Africa
- 3030 *Rustamov, A.K.*
HUMAN INFLUENCE ON BIOGEOCOENOSIS AND ENVIRONMENTAL PROTECTION
 Lang.: rus. 1974. Series title: *Turkmen SSR. Izvestiya Ser. Biol*. Vol.6:p.3-9
Descriptor: biogeocoenosis * environmental protection * human activity
- 3031 *Ruthenberg, H.*
ECONOMIC OBJECTIVES IN PASTORAL PROJECTS
 Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. Series title: *ILCA Bulletin*. No.9:p.4-5. Note: (In) Pastoral Development Projects
Descriptor: economic development * pastoralism * nomads * transhumance * livestock * demography
Geographical descriptor: Africa
- 3032 *Ruilland, J.; Sippa, A.*
ALGUNAS CARACTERISTICAS DE LA INVERSION DE SUBSIDENCIA DEL ANTICICLON SUBTROPICAL (Some Characteristics of the Subsidence Inversion of the Subtropical Anticyclone)
 Lang.: spa. Santiago, Chile: Universidad de Chile. Departamento de Geofisica y Geodesia. 1971. 14p
Descriptor: coastal areas * anticyclones * meteorological data * climate * winds * meteorology * air pollution * electromagnetic waves * subtropics
- 3033 *Ruilland, J.*
RESULTADO DE LA CAMPANA DE MEDICIONES METEOROLOGICAS REALIZADAS EN LA PROVINCIA DE ANTOFAGASTA, 13.7-5.8.1970 (Result of Meteorological Data Collection in Antofagasta Province)
 Lang.: spa. Santiago, Chile: Universidad de Chile. Departamento de Geofisica y Geodesia. 1972. 77p
Descriptor: meteorological data
Geographical descriptor: Antofagasta Province * Chile * South America
- 3034 *Ryabikhin, E.L.*
DINAMIKA EOLOVVKH PESKOV I ZASHCHITA OSNOVANIY OPOR LINIY ELEKTROPEREDACHI OT VYDUVANIYA (NA PRIMERE SEVERNOY CHASTI ZAPADNO-TURKMENSKOY NIZMENNOSTI) (Dynamics of Eolian Sands and Protection of the Foundation Supports of Power Transmission Lines From Sand Blowing (based on the example of the northern part of the west-Turkmer depression))
 Lang.: rus. Alma-Ata, Kazakh SSR: Kazakh State University. 1974. 22p. Note: (Candidate dissertation summary)
Descriptor: eolian sands * sand * dynamics * power transmission lines * wind protection
Geographical descriptor: Turkmen SSR * USSR

- 3035 *Ryabikhin, E.L.; Bayramov, S.B.; Kazakova, L.N*
DYNAMICS OF SHIFTING SANDS IN DARDZHAKUM MASSIF (WESTERN TURKMENISTAN)
 Lang.: eng. 1975. **Serialtitle: Problems of Desert Development**. Vol.1:p.34-39. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: sand * sand control
Geographical descriptor: Dardzhakum Massif * Turkmen SSR * USSR
- 3036 *Rydzewsky, J.R*
IRRIGATION DEVELOPMENT IN AFRICA SOUTH OF THE SAHARA: POTENTIALS AND POSSIBILITIES, 1965-1985
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1968. 44p
Descriptor: irrigation * developing countries
Geographical descriptor: Sahel * Africa
- 3037 *Sabadell, J.E*
DESERTIFICATION IN THE UNITED STATES AND PAKISTAN: VARIATIONS ON A THEME
 Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
 Lang.: eng. Boulder, CO: Westview Press. 1988. p.621-631. Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann (eds.), 1435p
Descriptor: desertification
Geographical descriptor: Pakistan
- 3038 *Sabadell, J.E.; Risley, E.M.; Jorgensen, H.T.; et al*
DESERTIFICATION IN THE UNITED STATES: STATUS AND ISSUES. (FINAL REPORT)
 Lang.: eng. Doc. no.: 0-371-592/8193. Washington, D.C.: U.S. Government Printing Office. 1982. 277p
Descriptor: soil fertility * desertification
- 3039 *Sabadell, J.E*
DESERTIFICATION: CAUSES, EFFECTS AND TREND DETERMINATION
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, 16th, Buenos Aires, Argentina, Jun. 2-9, 1982
 Lang.: eng. 1982. Vol.1, 205p
Descriptor: desertification * environmental impact * trends * forecasting
- 3040 *Sabadell, J.E*
JOINT U.S.-MEXICAN ACTIVITIES IN ARID LAND MANAGEMENT AND DESERTIFICATION CONTROL
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, Proceedings, Cairo, Egypt, Jan. 19-25, 1982
 Lang.: eng. 1982. Vol.1:p.51-60. Note: (In) Remote Sensing of Arid and Semi-Arid Lands 1305p
Descriptor: arid land * desertline * international cooperation * land management * remote sensing
Geographical descriptor: Mexico
- 3041 *Sabih-ur-Rahman*
DESERTIFICATION PROBLEMS IN PAKISTAN: A STATISTICAL OVERVIEW
 Lang.: eng. Jun 1984. **Serialtitle: Bulletin of Irrigation Drainage and Flood Control Research Council of Pakistan**. Vol.14(1):p.16-20
Descriptor: desertification * natural disasters * production factors
Geographical descriptor: Pakistan
- 3042 *Sabirov, M.K*
ON THE IRRIGATION OF FOREST CROPS IN THE FIXATION AND AFFORESTATION OF MAIN CANAL DIKES
 Lang.: rus. 1973. **Serialtitle: Nauchnyy i trudy Sredneaznikh (Tashkent)**. Vol.15:p.43-53. Note: (In) Zashchitnoye lesorazvedeniye na peschanykh territoriyakh sredney Azii (Protective Forestry Growing in Sandy Territories in Central Asia)
Descriptor: Haloxylon * irrigation * agroforestry * afforestation * canals * shelterbelts * sandy soils * plant growth
Geographical descriptor: Central Asia * Amu Bukhara Canal
- 3043 *Sadio, S.; Lengui, A*
SYLVICULTURE (Silviculture)
 Lang.: fre. Kaolack, Senegal. 1985. FAO-FO-SEN/81/005. 76p. Note: Cours de Recyclage sur la Sylviculture et l'Exploitation, Kaolack, Senegal, 12 Dec 1985
Descriptor: silviculture * afforestation * Eucalyptus camaldulensis * desertification * economic plants * forestry practices * Myrtaceae * Myrtiflorae * natural disasters * ornamental plants * structural crops * taxa * taxonomy * timber trees
Geographical descriptor: Senegal * Francophone Africa * Africa
- 3044 *Sadowski, M.J*
CLIMATOLOGICAL PREMISES OF SOIL DROUGHT FORECASTING
 Lang.: eng. 1984. **Serialtitle: Journal of Climatology**. Vol.4(6):p.637-643
Descriptor: climatology * soils * drought * forecasting
- 3045 *Safarov, I*
PROTECTION FROM WIND EROSION OF THE AMU-BUKHARA CANAL DIKES
 Lang.: rus. 1973. **Serialtitle: Tashkent Agricultural Institute. Scientific Works**. 39:p.37-41. Note: (In) Vetrofaya eroziya i agrolesomelioratsiya v Uzbekistana (Wind erosion and afforestation in Uzbekistan),
Descriptor: wind erosion * afforestation * sand control * mechanical controls
Geographical descriptor: Uzbek SSR * Amu Bukhara Canal * USSR
- 3046 *Saiko, T.A*
DROUGHT IN THE SUDANO-SAHEL ZONE
 Lang.: eng. New York: Allerton Press. 1986. **Serialtitle: Problems of Desert Development**. No.1:p.28-38. ISSN 0278-4750. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: drought * desertification * climate
Geographical descriptor: Sudan * Sahel * Africa
- 3047 *Saiko, T.A*
MAIN RESULTS OF FULFILLING THE PLAN OF ACTION FOR COMBATING DESERTIFICATION IN THE SUDANO-SAHEL REGION
 Lang.: eng. 1986. **Serialtitle: Problems of Desert Development**. No.3:p.33-44. Note: Translated from: Problemy Osvoeniya Pustyn (1985) No.3:p.30-40
Descriptor: desertification control * PACD
Geographical descriptor: Sudan * Sahel * Africa
- 3048 *Saiko, T.A*
THE INTERNATIONAL EFFORTS TO CONTROL DESERTIFICATION IN THE SAHEL ZONE OF AFRICA
 Lang.: eng. 1983. **Serialtitle: Problems of Desert Development**. No.4:p.7-16. Note: Translated from: Problemy Osvoeniya Pustyn (1983) No.4:p.8-18
Descriptor: soil fertility * desertification control
Geographical descriptor: Sahel * Africa
- 3049 *Saiko, T.A*
THE PROBLEM OF DESERTIFICATION CONTROL IN TANZANIA
 Lang.: eng. 1983. **Serialtitle: Problems of Desert Development**. No.5:p.8-18. Note: Translated from: Problemy Osvoeniya Pustyn (1983) No.5:p.9-18
Descriptor: desertification
Geographical descriptor: Tanzania * East Africa * Africa
- 3050 *Saini, B.S*
BUILDING DESIGN AND PLANNING FOR SELF-SUSTAINING COMMUNITIES IN REMOTE LOCALITIES OF AUSTRALIA'S ARID ZONE
 Lang.: eng. Tucson, AZ: University of Arizona Press. 1971. p.103-122. Note: (In) Food, Fiber, and the Arid Lands by W.G. McGinnies, B.J. Goldman, and P. Paylore (eds), 437p
Descriptor: building design * arid land * heat * shelters * physiological psychology * stress * human activity * land use * environmental engineering
Geographical descriptor: Western Australia * Australia * New South Wales * Queensland * Victoria * Northern Territory

- 3051 *Salem, B.B*
A STRATEGY ON THE ROLE OF FORESTRY IN COMBATING DESERTIFICATION
 Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
 Lang.: eng. Boulder, CO: Westview Press. 1988. p.841-849.
 Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference, by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann, and R. G. Varady (eds.), 1435p
Descriptor: forestry * desertification control
- 3052 *Salem, B.B*
RESTORING ARID ENVIRONMENTS
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1986. **Series title:** Unasylya. Vol.38(153):p.46-47. ISSN 0041-6436
Descriptor: arid land * desertification * forestry development * international organizations
- 3053 *Salih, M.A.M*
PASTORALISTS IN TOWN: SOME RECENT TRENDS IN PASTORALISM IN THE NORTH WEST OF OMDURMAN DISTRICT
 Lang.: eng. London, U.K.: Overseas Development Institute. Agricultural Administration Unit. 1985. **Series title:** Pastoral Development Network Papers. No.20b. 21p
Descriptor: pastoralism * livestock farming * off-farm employment
Geographical descriptor: Sudan * Omdurman District * Africa
- 3054 *Sall, M*
DYNAMIQUE ET MORPHOGENESE ACTUELLES AU SENEGAL OCCIDENTAL (Dynamics and Present Morphogenesis of Western Senegal)
 Lang.: fre. Strasbourg, France: University of Dakar. 1982. 604p. Note: Doctoral thesis
Descriptor: morphogenesis * desertification
Geographical descriptor: Senegal * Africa
- 3055 *Salter, C.L. (ed.)*
DOING BATTLE WITH NATURE: LANDSCAPE MODIFICATION AND RESOURCE UTILIZATION IN THE PEOPLE'S REPUBLIC OF CHINA, 1960-1972
 Lang.: eng. University of Oregon. Asian Studies Committee. 1973. **Series title:** University of Oregon. Asian Studies Committee Occasional Paper. 1. 96p
Descriptor: deserts * bibliographies * landscaping * land use * natural resources * environmental engineering * land management * land reclamation * resources * agriculture * land resources * water resources * afforestation
Geographical descriptor: Sinkiang * China
- 3056 *Samways, J*
CONSERVATION IN KANO
 Lang.: eng. 1977. **Series title:** Geographical Magazine. Vol.49(8):p.504-507
Descriptor: water management * evaporation * human diseases * social aspects * geology * silts
Geographical descriptor: Nigeria * Africa
- 3057 *Sanders, D.W*
DESERTIFICATION PROCESSES AND IMPACTS IN RAINFED AGRICULTURAL REGIONS
 Lang.: eng. Dordrecht, The Netherlands: D. Reidel Publishing Co. Aug.-Oct. 1986. **Series title:** Climatic Change. Vol.9(1-2):p.33-42. ISSN 0165-0009
Descriptor: desertification * soil degradation * rainfed farming * arid land * semiarid lands * erosion * salinization
- 3058 *Sandford, K.S*
MAN AND PLEISTOCENE CLIMATE OF THE NORTHWEST SUDAN
 Meeting or Conf.: International Geological Congress, 16th, Washington, D.C., 1933, Abstracts of Papers
 Lang.: eng. 1933. p.37-38
Descriptor: Pleistocene epoch * prehistory * climate
Geographical descriptor: Sudan * Africa
- 3059 *Sandford, K.S*
PAST CLIMATE AND EARLY MAN IN THE SOUTHERN LIBYAN DESERT
 Lang.: eng. 1933. **Series title:** Geographical Journal. Vol.82:p.219-222
Descriptor: archaeology * paleoclimatology * social aspects * atmospheric precipitation * drought * sand deserts * desertification * desiccation * oases
Geographical descriptor: Libyan Desert * Sudan * Africa
- 3060 *Sandford, S*
LEARNING FROM THE EXPERIENCE
 Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. **Series title:** ILCA Bulletin. No.9:p.2-4.
 Note: (In) Pastoral Development Projects
Descriptor: pastoralism * nomads * transhumance
Geographical descriptor: Africa
- 3061 *Sandford, S*
PASTORAL STRATEGIES AND DESERTIFICATION: OPPORTUNISM AND CONSERVATISM IN DRY LANDS
 Lang.: eng. 1982. p.61-80, 363-379. ISBN 0126580502. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: pastoralism * desertification * arid land
- 3062 *Sandford, S*
TOWARDS A DEFINITION OF DROUGHT
 Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
 Lang.: eng. Worcester MA: 1979. p.33-40
Descriptor: drought * statistical analysis * livestock * water shortage * analytical methods * planning * regional surveys
Geographical descriptor: Botswana * Africa
- 3063 *Sandford, S*
WELFARE AND WANDERERS: THE ORGANISATION OF SOCIAL SERVICES FOR PASTORALISTS
 Lang.: eng. 1978. **Series title:** Overseas Development Institute Review. Vol.1:p.70-87
Descriptor: social organization * developing countries * pastoralism * nomads
- 3064 *Sanger, C*
TREES FOR PEOPLE
 Lang.: eng. Ottawa, Canada: International Development Research Centre. 1977. 52p
Descriptor: shelterbelts * afforestation * forests * trees * windbreaks * forest management * timber management
- 3065 *Sanlaville, P*
LES REGIONS AGRICOLES DU LIBAN
 Lang.: fre. 1963. **Series title:** Revue de Géographie de Lyon. Vol.38:p.47-90
Descriptor: agriculture
Geographical descriptor: Lebanon * Middle East
- 3066 *Sanlaville, P*
LES VARIATIONS HOLOCENES DU NIVEAU DE LA MER AU LIBAN (Holocene Variations in Sea Level in Lebanon)
 Lang.: fre. 1970. **Series title:** Revue de Géographie de Lyon. Vol.45(3):p.279-304
Descriptor: Holocene epoch * water level * coastal areas * geomorphology * marine ecology * history * submarine topography
Geographical descriptor: Lebanon * Middle East
- 3067 *Santamaria, G.M*
DESERTIFICATION IN COLOMBIA
 Lang.: eng. Bogota: s.n. 1983? 102p. Note: At head of title: Report submitted to the United Nations Environment Programme (UNEP). Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: deserts * marginal lands * demography * land management * soil classification
Geographical descriptor: Colombia * South America

- 3068 *Santana, R*
EL RIO SALADO Y EL SECTOR ORIENTAL DE LA CUENCA DE CALAMA (The Salado River and the Eastern Sector of the Calma Basin, Chile)
Lang.: spa. 1967. **Series title:** Asociacion de Geografos de Chile. **Boletin.** Vol.1(3):p.21-28
Descriptor: river basins * landforms * topographic features * climatic geomorphology
Geographical descriptor: Calma Basin * Chile * South America
- 3069 *Saran, G*
THE HYDROGEOLOGICAL CONDITION OF CUMRA PLAIN, TIMRAS SINKHOLE AND SURROUNDINGS
Lang.: eng. 1968. **Series title:** Devlet su Isleri Genel Mudurlugu. **Teknik Bulten (Turkey).** Vol.13-14:p.87-104
Descriptor: plains * hydrology
Geographical descriptor: Turkey * Cumra Plain * Timras Sinkhole
- 3070 *Sarnthein, M*
SAND DESERTS DURING GLACIAL MAXIMUM AND CLIMATIC OPTIMUM
Lang.: eng. 1978. **Series title:** Nature. Vol.272(5648):p.43-46
Descriptor: climatic change * sand deserts * glacial geology * sand * dunes * desertification
- 3071 *Sarrazin, K.G*
DESERTIFIKATION-WAS IST ZU IHRER BEKAEMPfung ZU TUN? (How to Control Desertification?)
Lang.: ger. 1986. **Series title:** Allgemeine Forstzeitschrift. Vol.41(6):p.114-115. ISSN 0002-5860
Descriptor: desertification * arid land * climatic zones * environmental factors * natural disasters * site factors
- 3072 *Sastre, C*
SENSITIVITY OF BIOCENOSSES IN GUIANA: A FEW EXAMPLES
Lang.: eng. 1980. **Series title:** Adansonia. Vol.19(4):p.435-450
Descriptor: biocenoses
Geographical descriptor: Guiana * Africa
- 3073 *Satchell, J.E*
ECOLOGY AND ENVIRONMENT IN THE UNITED ARAB EMIRATES
Lang.: eng. 1978. **Series title:** Journal of Arid Environments. Vol.1(3):p.201-226
Descriptor: salinity * irrigation effects * environmental impact * settlements * regional surveys * overgrazing * wildlife * coastal areas * deserts * ecology
Geographical descriptor: United Arab Emirates * Middle East
- 3074 *Satterwhite, M*
CHARACTERIZATION OF VEGETATION AND OTHER NONERODIBLE ELEMENTS
Lang.: eng. Flagstaff, AZ: U.S. Geological Survey. 1987. p.13-14. Note: (In) A Workshop on Desert Processes by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: vegetation * erosion * deserts
- 3075 *Satyanarayan, Y.; Gaur, Y.D*
PHYTOSOCIOLOGICAL VARIATIONS IN FLORISTIC COMPOSITION OF THE VEGETATION IN THE ARID ZONE I. Monsoon Vegetation of the Alluvial Plains
Lang.: eng. 1967. **Series title:** Annals of Arid Zone. Vol.6(2):p.178-199
Descriptor: vegetation * therophytes * arid climate * plains * monsoons * forage * fodder plants * rangelands * climatic vegetal relationships * perennials * ephemerals * annuals * forbs * desert plants * plant populations * alluvial plains
- 3076 *Satyanarayan, Y.; Dhruvanarayan, V.V*
USE OF AERIAL PHOTOGRAPHS IN SURVEYING GROUNDWATER AND VEGETATION RESOURCES IN THE ARID ZONE OF INDIA
Lang.: eng. Paris: UNESCO. 1968. p.505-507. Note: (In) Aerial Surveys and Integrated Studies, Proceedings of the Toulouse Conference
Descriptor: groundwater * aerial photography * vegetation * runoff * water yield
Geographical descriptor: Thar Desert * India * Pakistan
- 3077 *Sauberan, C.; et al*
UTILIZACION DE METODOS BIOLOGICOS EN LA RECUPERACION DE SUELOS SALINOS EN REGIONES DE SECANO (Utilization of Biological Methods for Improvement of Nitrate Soils in Non-Irrigated Areas)
Lang.: spa. 1962. **Series title:** Idia (Buenos Aires). Vol.171:p.54-56
Descriptor: soil salinity * soil amendments * land reclamation * forage plants * fertilizers * organic matter
- 3078 *Sauer, C.O*
THE AGENCY OF MAN ON THE EARTH
Lang.: eng. Chicago, IL: University of Chicago Press. 1955. p.49-69. Note: (In) Man's Role in Changing the Face of the Earth by W.L. Thomas, Jr. (ed.)
Descriptor: arid land * social aspects * agriculture * grazing * fire effects * domestic animals * environmental impact * grasses * humans * history * cultural geography * soil erosion * paleoclimatology * biogeography * desertification
Geographical descriptor: North America * North Africa * South America
- 3079 *Savory, A*
A SOLUTION TO DESERTIFICATION AND ASSOCIATED THREATS TO WILDLIFE AND MAN
Meeting or Conf.: North American Wildlife and Natural Resources Conference, Transactions, No. 51, Resource Management. Reno, NV, Mar. 21-26, 1986
Lang.: eng. Wildlife Management Inst. 1986. p.116-124
Descriptor: desertification * wildlife
- 3080 *Savory, A*
HOLISTIC RESOURCE MANAGEMENT
Lang.: eng. Washington, DC: Island Press. 1988. xxvi, 564p
Descriptor: natural resources * ecosystems characteristics * land management * demography * environmental law * economic development * grazing * livestock * animal nutrition * plant populations
- 3081 *Saxena, S.K*
DESERTIFICATION DUE TO ECOLOGICAL CHANGES IN THE VEGETATION OF INDIAN DESERT
Lang.: eng. 1977. **Series title:** Annals of Arid Zone. Vol.16(3):p.367-373
Descriptor: desertification * overgrazing * erosion * denudation * environmental impact
Geographical descriptor: Rajasthan * India
- 3082 *Saxena, S.K.; Singh, S*
SOME OBSERVATIONS ON THE SAND DUNE AND VEGETATION OF BIKANER DISTRICT IN WESTERN RAJASTHAN
Lang.: eng. 1976. **Series title:** Annals of Arid Zone. Vol.15(4):p.313-322
Descriptor: dunes * barchans * plant morphology
Geographical descriptor: Rajasthan * India
- 3083 *Schaller, G.B.; Li, H.; Talipu, L.H.; et al*
STATUS OF LARGE MAMMALS IN THE TAXKORGAN RESERVE XINJIANG CHINA
Lang.: eng. 1987. **Series title:** Biological Conservation. Vol.42(1):p.53-72
Descriptor: mammals * wildlife surveys * reserves
Geographical descriptor: Taxkorgan Reserve * Xinjiang * China
- 3084 *Schamp, H*
KHARGA, VON DER OASIS MAGNA ZUM NEUEN TAL (Kharga, From the Oasis Magna to the New Valley)
Lang.: ger. 1967. **Series title:** Erde. Vol.98(3):p.173-202
Descriptor: irrigation programs * deserts * oases * water resources development * groundwater basins * wells * social aspects * economic development * reclamation
Geographical descriptor: Egypt * Sahara * Kharga Oasis * Africa

- 3085 *Schechter, J*
DESERTIFICATION PROCESSES AND THE SEARCH FOR SOLUTIONS
Lang.: eng. 1977. **Series title:** Interdisciplinary Science Reviews. Vol.2(1):p.36-54
Descriptor: desertification * populations * overgrazing * irrigation practices * cultivation * air pollution * climatic change * social aspects * political aspects * nomads * pastoralism
- 3086 *Schechter, J*
ENERGY FROM SALT: A POSSIBILITY FOR ARID ZONE DEVELOPMENT
Lang.: eng. 1978. **Series title:** Journal of Arid Environments. Vol.1(2):p.105-115
Descriptor: salts * alternative fuels * energy conversion * desertification * brines
- 3087 *Schechter, J.; Galai, C*
Israel. Ministry of the Interior. Environmental Protection Service
THE NEGEV - A DESERT RECLAIMED
Lang.: eng. Oxford, U.K.: Pergamon Press. 1980. **Series title:** Environmental Science and Applications. Vol.12. p.255-308. ISBN 0-08-023581-6. Note: (In) Desertification by M.R. Biswas and A.K. Biswas (eds.)
Descriptor: maps * desertification * agricultural development * Vicia sativa * deserts
Geographical descriptor: Israel * Negev Desert * Middle East
- 3088 *Schechter, J*
THE NEGEV LIFE-STYLE
Lang.: eng. 1977. **Series title:** Geographical Magazine. Vol.50(2):p.101-102
Descriptor: desertification * overgrazing * wood * reclamation * water management
Geographical descriptor: Israel * Negev * Middle East
- 3089 *Schechter, J*
THE ROLE OF RESEARCH IN COMBATING DESERTIFICATION AND IN THE DEVELOPMENT OF ARID ZONES
Lang.: eng. Berkshire: Imperial Chemical Industries. 1980. **Series title:** Outlook on Agriculture. Vol.10(5):p.262-267. ISSN 0030-7270
Descriptor: research * desertification control * development * arid land
- 3090 *Schechter, J. (ed.); Galai, C. (ed.)*
ISRAEL, THE NEGEV: A DESERT RECLAIMED: AN ASSOCIATED CASE STUDY
Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sep. 9, 1977
Lang.: eng. UN Doc. no.: A/Conf. 74/20. 1977. 110p
Descriptor: reclamation * land management * desertification * water sources * runoff * desalination * cloud seeding * brackish water * livestock * trickle irrigation * crop production * greenhouses * geography * demography * settlements * urban areas * economic development * nomads * case studies
Geographical descriptor: Israel * Negev * Middle East
- 3091 *Schein, Z.; Buras, N*
RAINFALL INTENSITIES IN ISRAEL
Lang.: eng. 1973. **Series title:** Israel Journal of Earth Sciences. Vol.22(1):p.15-30
Descriptor: rainfall intensity * atmospheric precipitation
Geographical descriptor: Israel * Middle East
- 3092 *Schiffers, H*
NACH DER DUERRE, DIE ZUKUNFT DES SAHEL
Lang.: ger. 1976. **Series title:** Africa-Studien. Vol.94. 370p
Descriptor: regional surveys * planning * social organization * carrying capacity * drought
Geographical descriptor: Sahel * Algeria * South Africa * India * Australia * Northeastern Brazil * South America
- 3093 *Schloff, S.L.*
PLAN REGIONAL PARA EL DESARROLLO DEL SUR DEL PERU - RECONOCIMIENTO DE LAS AGUAS SUBTERRANEAS (Plan for the Development of Southern Peru - Survey of Subterranean Waters)
Lang.: spa. Lima: Imprenta Servicio Cooperativo Peruano-Norteamericano de Educacion. 1959. 157p
Descriptor: groundwater extraction * water resources
Geographical descriptor: Peru * South America
- 3094 *Schmidt Lepelaideur, M.A*
OASIS, LA FIN DES MIRAGES (Oasis, the End of the Mirage)
Lang.: fre. May 1986. **Series title:** Inter Tropiques Agricultures. No.16:p.8-11. ISSN 0755-6152
Descriptor: oases * desertification * natural resources * nature conservation * natural disasters * geomorphology
Geographical descriptor: Africa
- 3095 *Schmidt Wulffen, W*
DURRE UND HUNGERKATASTROPHEN IN SCHWARZAFRIKA: DAS FALLBEISPIEL MALI (Drought and Famine in Sub-Saharan Africa: A Case Study of Mali)
Lang.: ger. 1985. **Series title:** Geographische Zeitschrift. Vol.73(1):p.46-59. Note: Summary language: English
Descriptor: drought * famine * cash crops * price policy * food supply
Geographical descriptor: Mali * West Africa * Africa
- 3096 *Schneider, HJ*
DESERTIFICACION: OBSTACULOS PARA LA EXTENSION DEL CONOCIMIENTO Y TECNOLOGIA EXISTENTES (Desertification: Obstacles to the Extension of Understanding and Existing Technology)
Lang.: spa. 1980. **Series title:** Francais des Etudes Andines. Vol.9(1-2):p.23-33
Descriptor: desertification * technology
- 3097 *Schneider, HJ*
EL CLIMA DEL NORTE CHICO (The climate of the Norte Chico)
Lang.: spa. Santiago, Chile: Universidad de Chile. Departamento de Geografia. 1969. 132p
Descriptor: coastal areas * semiarid climate * climatic data * weather stations * atmospheric pressure * atmospheric circulation * anticyclones * weather patterns * temperature inversion * aridity index * climatic zones
Geographical descriptor: North Chico * Chile * South America
- 3098 *Schneider, HJ*
LA SEQUIA DE 1968 EN CHILE (The 1968 Drought in Chile)
Lang.: spa. 1970. **Series title:** Informaciones Geograficas (Santiago). Vol.1:p.159-176
Descriptor: drought * atmospheric precipitation * weather patterns * atmospheric circulation * anticyclones * meteorology
Geographical descriptor: Chile * South America
- 3099 *Schneider, HJ*
OBSTACULOS PARA LA EXTENSION DEL CONOCIMIENTO Y TECNOLOGIA EXISTENTES (Obstacles to the Extension of Existing Knowledge and Technology)
Lang.: spa. 1982. **Series title:** Revista Geografica. Vol.95:p.195-203
Descriptor: technology * geography * technology transfer * environmental protection
- 3100 *Schneider, HJ*
TIPOS DE TIEMPO EN CHILE CENTRAL (Weather Types in Central Chile)
Lang.: spa. 1970. **Series title:** Cuadernos Geograficos del Sur (Concepcion). Vol.1:p.77-93
Descriptor: atmospheric circulation * atmospheric pressure * anticyclones * weather patterns * dry season
Geographical descriptor: Chile * South America

- 3101 *Schneider, H.J.; et al*
UN APORTE AL ESTUDIO DE LA SEQUIA EN CHILE(A
Contribution to the Study of Drought in Chile)
Lang.: spa. 1975. Series title: *Revista Geografica*.
Vol.83:p.109-125
Descriptor: climatic data * drought * rainfall reliability
Geographical descriptor: Chile * South America
- 3102 *Schneider, S.T.; Mesirov, L.E*
THE GENESIS STRATEGY
Lang.: eng. New York: Plenum. 1976
Descriptor: climatology * environmental impact * climatic
change * food supply * planning * environmental variability
- 3103 *Schoen, R*
PROPOSED STAND-ALONE AGRICULTURAL VILLAGE AT
UMM EL UWEINAT, EGYPT, AND A PROTOTYPE
DWELLING IN CHATSWORTH, CALIFORNIA
Meeting or Conf.: Solar Applications in Remote Locations,
Proceedings of the Sixth SOLERAS Workshop, Las Cruces, NM,
May, 1985
Lang.: eng. 1985. p.377-467. Note: (In) Solar Applications in
Remote Locations; Available from NTIS, Springfield, VA
Descriptor: agricultural development * sustained agriculture *
solar energy * energy resources
Geographical descriptor: Umm el Uweinat * Egypt * Chatsworth
* California
- 3104 *Schofield, C.J.; Bucher, E.H*
INDUSTRIAL CONTRIBUTIONS TO DESERTIFICATION IN
SOUTH AMERICA
Lang.: eng. 1986. Series title: *Trends in Ecology and
Evolution*. Vol.1(3):p.78-80
Descriptor: soil fertility * desertification
Geographical descriptor: South America
- 3105 *Scholz, F*
DIE PHYSISCH- UND SOZIALGEOGRAPHISCHEN
URSACHEN FÜR DIE AUFGABE UND DEN ERHALT DER
KAREZE IN BELUCHISTAN (The Geography of the Physical
and Social Causes of the Abandonment and Maintenance of
Qanats in Baluchistan)
Lang.: ger. 1972. Series title: *Erde*. Vol.103(3-4):p.302-315
Descriptor: qanats * water table * water loss * evaporation *
seepage * water extraction * wells * water management * water
resources development * water rights * water allocation * water
policy * social aspects
Geographical descriptor: Iran * Pakistan * Baluchistan * Middle
East
- 3106 *Scholz, F*
LANDVERTEILUNG UND OASENSTERBEN; DAS BEISPIEL
DER OMANISCHEN KÜSTENEbene 'AL
BATINAH' (Distribution of Terrain and Death of Oases:
Example of the Al-Batinah Coastal Plain in Oman)
Lang.: ger. 1982. Series title: *Erdkunde*. Vol.36(3):p.199-207.
ISSN 0014-0015
Descriptor: terrain * oases * coastal areas
Geographical descriptor: Al Batinah * Oman * Middle East
- 3107 *Scholz, H*
BAUMBESTAND, VEGETATIONSGLIEDERUNG UND KLIMA
DES TIBESTI-GEBIRGES (Tree Stock, Vegetation Formation
and Climate of the Tibesti Mountains)
Lang.: ger. 1967. Series title: *Berliner Geographische
Abhandlungen*. Vol.5:p.11-16
Descriptor: vegetation types * climate * arid climate * climatic
vegetal relationships * frost
Geographical descriptor: Tibesti Mountains * Chad * Africa
- 3108 *Schott, G*
LA CORRIENTA PERUANA (The Peru Current)
Lang.: spa. 195? Series title: *Sociedad Geografica de Lima,
Boletín*. Vol.69:p.3-10
Descriptor: ocean current * coastal areas * Peru current *
climate * economics
Geographical descriptor: Peru * South America
- 3109 *Schrumpf, P.; Derr, T.S*
DESERTIFICATION: THE UNITED NATIONS CONFERENCE
ON DESERTIFICATION, NAIROBI, KENYA, 1977
Meeting or Conf.: United Nations Conference on
Desertification, Nairobi
Lang.: eng. Geneva: World Council of Churches. 1977. 55p
Descriptor: climate * demography * ecosystems * land
management * water supply * irrigation * rangelands *
pastoralism * natural resources * livestock * water resources *
energy
- 3110 *Schul, J.J*
AMELIORATION DE PARCOURS EN TUNISIE (Improvement
of Rangelands in Tunisia)
Lang.: fre. 1985. Series title: *Bulletin des Recherches
Agronomiques de Gembloux*. Vol.20(3-4,pt.1):p.339-343.
ISSN 0435-2033. Note: Colloque International: Développement
Agricole et Conservation du Patrimoine Naturel dans les Pays
du Tiers-Monde, Gembloux, Belgium, 9-11 Oct 1985
Descriptor: rangelands * desertification * environmental
protection * pastures * natural disasters * production factors
Geographical descriptor: Tunisia * Francophone Africa * North
Africa * Africa
- 3111 *Schulman, E*
NINETEEN CENTURIES OF RAINFALL HISTORY IN THE
SOUTHWEST
Lang.: eng. 1938. Series title: *American Meteorological Society
Bulletin*. Vol.19:p.211-215
Descriptor: atmospheric precipitation * archaeology *
paleoclimatology * trees * dendrochronology * climatology *
history * climatic change * desertification
Geographical descriptor: New Mexico * Southwestern U.S. *
Colorado Plateau
- 3112 *Schultz, A.; Dennell, R.W.; Sandford, S*
PART I. THE GLOBAL PROBLEM. SECTION A. NEW
PERSPECTIVES
Lang.: eng. London, U.K.: Academic Press. 1982. p.26-81.
ISBN 0-12-658050-2. Note: (In) Desertification and
Development: Dryland Ecology in Social Perspective by B.
Spooner and H.S. Mann (eds.), 407p
Descriptor: desertification * ecology * social sciences
Geographical descriptor: Asia
- 3113 *Schultz, C.B*
HISTORY OF THE NEBRASKA USA SAND HILLS IN
RELATION TO WORLDWIDE DESERTIFICATION
Meeting or Conf.: Nebraska Academy of Sciences and Affiliated
Societies, 91st Annual Meeting, Lincoln, NB, Apr. 10-11, 1981
Lang.: eng. 1981. 35p
Descriptor: sand * desertification
Geographical descriptor: Nebraska
- 3114 *Schultz, A*
REORGANIZING DESERTS: MECHANIZATION AND
MARGINAL LANDS IN SOUTHWEST ASIA
Lang.: eng. London, U.K.: Academic Press Inc. 1982. p.27-41.
Note: (In) Desertification and Development: Dryland Ecology
in Social Perspective by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: soil fertility * desertification * mechanization * arid
land
Geographical descriptor: Asia
- 3115 *Schultz, A.T*
ORGANIZING DESERTS: PUBLIC POLICY AND THE
THIRD WORLD
Lang.: eng. 1979. Series title: *Association for Arid Lands
Studies, Proceedings* 2-11
Descriptor: desertification * developing countries * planning *
political aspects
- 3116 *Schultz, E*
POLLEN ANALYTICAL EXAMINATION OF QUATERNARY
SEDIMENTS OF NORTHWEST TIBESTI
Lang.: eng. 1974. Series title: *Fu Pressedienst Wissenschaft
(Berlin)*. Vol.5(74):p.59-69
Descriptor: palynology * Quaternary period * relict vegetation
* fossils * sediments
Geographical descriptor: Tibesti * North Africa * Chad * Africa

- 3117 *Schutz, E*
RELEVANCE TO PALEOCLIMATE STUDIES
Comments
Lang.: eng. U.S. Geological Survey 1987. 18p.
ISSN 0364-6017. Note: (In) A Workshop on Desert Processes
by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: paleoclimatology * deserts * ecology
- 3118 *Schutz, L*
SAHARADUST TRANSPORT OVER THE NORTH ATLANTIC OCEAN: MODEL CALCULATIONS AND MEASUREMENT
Lang.: eng. 1979. **Series title:** *Scope*, No.14:p.267-277. Note:
(In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy * solar energy
Geographical descriptor: North Africa * West Africa
- 3119 *Schweigger, E*
ANOMALIAS EN EL OCEANO PACIFICO ORIENTAL Y SU PROGNOSTICO (Anomalies in the Eastern Pacific and Their Prediction)
Lang.: spa. 1961. **Series title:** *Sociedad Geografica de Lima, Boletin*. Vol.83:p.3-50
Descriptor: Peru current * rainfall * weather patterns * forecasting
Geographical descriptor: Peru * South America
- 3120 *Schweigger, E*
DIE WESTKUESTE SUEDAMERIKAS IM BEREICH DES PERU-STROMS (The West Coast of South America in the Domain of the Peru-Current)
Lang.: ger. Heidelberg-Munchen: Keyserische Verlagsbuchhandlung, 1959. 513p
Descriptor: Peru current * coastal areas
Geographical descriptor: Peru * South America
- 3121 *Schwenk, S*
KRUSTEN U. VERKRUSTUNGEN IN SUDTUNESIEN (Surface Crusts and Cementation in Southern Tunisia)
Lang.: ger. 1977. **Series title:** *Stuttgarter Geographische Studien*. Vol.91:p.83-103
Descriptor: ergs * crusts * calcareous soils * climatic change * Quaternary period * surface properties
Geographical descriptor: Tunisia * Sahara * Sebkhah * Africa
- 3122 *Scott, J.D*
BUSH ENCROACHMENT IN SOUTH AFRICA
Lang.: eng. 1967. **Series title:** *South African Journal of Science*. Vol.63(8):p.311-314
Descriptor: plant invaders * fire effects * veld * grazing * brush control * mechanical controls * chemical controls
Geographical descriptor: South Africa * Africa
- 3123 *Scott, J.D*
PROS AND CONS OF ELIMINATING VELD BURNING
Lang.: eng. 1970. **Series title:** *Grassland Society of South Africa, Proceedings*. Vol.5:p.23-36
Descriptor: controlled burning * fire effects * plant invaders * brush control * grazing
Geographical descriptor: South Africa * Africa
- 3124 *Sdasnyuk, G.V*
DESERTIFICATION IN INDIA AND PROBLEMS OF INTEGRATED REGIONAL DEVELOPMENT
Lang.: eng. 1986. p.87-93. Note: (In) Arid Land Development and the Combat Against Desertification: An Integrated Approach by M.H. Glantz (ed.), 145p
Descriptor: arid land * desertification * land development * land types * irrigation * projects * sociology * population pressure * desertification
Geographical descriptor: India
- 3125 *Searicht, S*
EUPHRATES DAM: PHASE ONE
Lang.: eng. 1978. **Series title:** *Geographical Magazine*. Vol.50(10):p.650
Descriptor: dams * reservoirs * water storage * irrigation * gypsum * gypsiferous soils * political aspects * rainfall
Geographical descriptor: Syria * Euphrates River * Iraq * Turkey * Middle East
- 3126 *Sears, P.B*
DESERTS ON THE MARCH: 3ed., rev
Lang.: eng. Norman, OK: University of Oklahoma Press, 1959. 178p
Descriptor: erosion * natural resources * ecology * drought * history * conservation * land resources * land use * dust storms * floods * environmental impact
- 3127 *Sears, P.B*
ENVIRONMENT AND CULTURE IN RETROSPECT
Meeting or Conf.: Symposium held before the Thirty-Third Annual Meeting of the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science, Apr. 30th, 1957, Tucson, AZ
Lang.: eng. Tucson, AZ: University of Arizona Press, 1958. p.77-84. Note: (In) *Climate and Man in the Southwest* by T.L. Smiley (ed.)
Descriptor: water utilization * settlements * climatic change * arid climate * desiccation * environmental impact * adaptation * desertification
Geographical descriptor: Southwestern U.S. * Arizona
- 3128 *Seefeldt, S*
VOLUNTEER NOTES ON REFORESTATION A Handbook for Volunteers: Appropriate Technology for Development
Lang.: eng. Washington, D.C.: Peace Corps. Office of Program Development. Aug. 1984. 101p
Descriptor: forestry * volunteer programs * trees * botany * handbooks * developing countries * appropriate technology
- 3129 *Seeley, J.A*
FAMINE IN SUB-SAHARAN AFRICA: A SELECT BIBLIOGRAPHY, EXCLUDING THE SAHEL, FROM 1978
Lang.: eng. Cambridge, U.K.: University of Cambridge. African Studies Centre. 1986. 176p. ISBN 0-902993-15-1. Note: (In) *Cambridge African Occasional Papers*, No. 3
Descriptor: bibliographies * famine
Geographical descriptor: Sub-Saharan Africa * Africa
- 3130 *Seely, M.K*
GRASSLAND PRODUCTIVITY: THE DESERT END OF THE CURVE
Lang.: eng. 1978. **Series title:** *South African Journal of Science*. Vol.74:p.295-297
Descriptor: grasslands * grasslands biome * rainfall * productivity * regression analysis
Geographical descriptor: Namibia * Kalahari Namib Desert * Africa
- 3131 *Seely, M.K*
THE OLDEST COASTAL DESERT IN THE WORLD
Lang.: eng. 1976. **Series title:** *South West Africa Annual*. Vol.1976:p.49-51
Descriptor: coastal areas * deserts * adaptation * animal populations
Geographical descriptor: Namibia * Kalahari Desert * Africa
- 3132 *Seginer, I*
GULLY DEVELOPMENT AND SEDIMENT YIELD
Lang.: eng. 1966. **Series title:** *Journal of Hydrology*. Vol.4(3):p.236-253
Descriptor: gully erosion * sediment yield * quantitative geomorphology * mapping * aerial photography * watersheds * measurement * on site investigations * soil types * rainfall runoff relationships * cultivation
Geographical descriptor: Israel * Middle East

- 3133 *Seif El Din, A.; Obeid, M*
ECOLOGICAL STUDIES OF THE VEGETATION OF THE SUDAN: II. THE GERMINATION OF SEEDS AND ESTABLISHMENT OF SEEDLINGS OF ACACIA SENEGAL (L.) WILLD. UNDER CONTROLLED CONDITIONS IN THE SUDAN
 Lang.: eng. 1971. **Series title:** *Journal of Applied Ecology*. Vol.8(1):p.191-201
Descriptor: *Acacia senegal* * trees * vegetation * plant ecology * seeds * seedlings * germination * survival * viability * mortality * environmental impact * pests * insects * soil temperature * soil moisture * land use * soil management * mulching * economic plants * seasonality
Geographical descriptor: Africa * Sudan
- 3134 *Seif El Din, A.; Obeid, M*
ECOLOGICAL STUDIES OF THE VEGETATION OF THE SUDAN: IV. THE EFFECT OF SIMULATED GRAZING ON THE GROWTH OF ACACIA SENEGAL (L.) WILLD. SEEDLINGS
 Lang.: eng. 1971. **Series title:** *Journal of Applied Ecology*. Vol.8(1):p.211-216
Descriptor: *Acacia senegal* * trees * vegetation * economic plants * plant ecology * seedlings * germination * survival * viability * mortality * environmental impact * timing * animal damage * goats * Lagomorpha * grazing * injurious factors * roots * plant food reserves * plant growth * biomass
Geographical descriptor: Africa * Sudan
- 3135 *Selby, MJ*
SOME THOUGHTS ON THE GEOMORPHOLOGY OF THE CENTRAL NAMIB DESERT
 Lang.: eng. 1976. **Series title:** *Transvaal Museum, Bulletin Supplement*. Vol.1:p.5-6
Descriptor: geomorphology * climatic change * climatic geomorphology
Geographical descriptor: Namibia * Kalahari Desert * Africa
- 3136 *Seltzer, P*
LE CLIMAT DE L'ALGERIE
 Lang.: fre. 1946. **Series title:** *Institut de Meteorologie et de Physique du Globe de l'Algerie. Travaux. Hors Serie*. (unnumbered). 219p
Descriptor: climate * bibliographies * climatic models
Geographical descriptor: Algeria * Africa
- 3137 *Semmel, A*
ZUR JUNGQUARTAREN KLIMA-UND RELIEFENTWICKLUNG IN DER DANAKILWUSTE (ATHIOPIEN) UND IHREN WESTLICHEN RANDGEBIETEN (Early Quaternary Climate and Relief Development in the Danakil Desert of Ethiopia and its Western Edges)
 Lang.: ger. 1971. **Series title:** *Erdkunde*. Vol.25(3):p.199-209
Descriptor: weathering * erosion * arid land * paleoclimatology * physico-chemical properties of soils * radiocarbon dating * Holocene epoch * geology * sedimentation * glacial drift * soil texture * Quaternary period * research
Geographical descriptor: Danakil * Ethiopia * Africa
- 3138 *Sen, A.K.; Mann, H.S*
A GEOGRAPHICAL APPRAISAL OF THE EXPANSION AND DETERIORATION OF THE INDIAN DESERT
 Lang.: eng. 1977. **Series title:** *Annals of Arid Zone*. Vol.16(3):p.281-289
Descriptor: desertification * dunes * water table * geomorphology
Geographical descriptor: Thar Desert * India
- 3139 *Sen, A.K*
SIGNIFICANCE OF THEMATIC MAPPING FOR ENVIRONMENTAL ANALYSIS IN ARID ZONES
 Lang.: eng. Jodhpur, India: Scientific Publishers. 1980. p.95-101. Note: (In) *Arid Zone Research and Development* by H.S. Mann (ed.)
Descriptor: maps * mapping * environmental resources * development * planning
Geographical descriptor: India
- 3140 *Sena Martins, D.A.; Moreno, J.M.G*
LA DESERTIFICATION AUX ILES DU CAP-VERT (Desertification in Cape Verde Islands)
 Lang.: fre. 1986. 24p. Note: *Seminaire Afro-Bresilien, Bamako*, Mali, 8-13 Mar 1986
Descriptor: desertification * erosion control * natural disasters
Geographical descriptor: Cape Verde * Africa
- 3141 *Senne, E.H*
TREES, FOOD PRODUCTION AND THE STRUGGLE AGAINST DESERTIFICATION
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1985. **Series title:** *Unasylyva*. Vol.37(150):p.19-26. ISSN 0041-6436
Descriptor: desertification * agroforestry * species * food production * forestry * development
- 3142 *Senegal. Ministere du Developement Rural*
PROTECTION ET AMELIORATION DES PEUPELEMENTS FORESTIERS NATURELES POUR LUTTER CONTRE LA DESERTIFICATION ET FOURNIR DES PRODUITS ALIMENTAIRES A L'ECONOMIE DE LA REGION (AU SENEGAL). (Protection and Amelioration of Natural Forest Population to Fight Desertification and to Provide Food Products to the Local Economy Senegal)
 Lang.: fre. Dakar, Senegal. 1983. 4p
Descriptor: stand improvement * erosion control * desertification * forest products * natural disasters * silviculture
Geographical descriptor: Senegal * Francophone Africa * Africa South of Sahara * Africa
- 3143 *Sentenac, A.; Haverbeke, L*
INVENTAIRE DES SITES ENSABLES OU GRAVEMENT MENACES PAR L'ENSABLEMENT, NECESSITANT UNE INTERVENTION URGENTE. LUTTE CURATIVE (Inventory of Sand-Covered Sites or Sites Seriously Affected by Sand Encroachment Needing Immediate Intervention)
 Lang.: fre. Nouakchott, Mauritania. 1986. FAO-FO-UNO/MAU/002/NSO. 243p
Descriptor: desertification * mapping * vegetation * soil stabilization * planting * cultivation * natural disasters * plant establishment * soil management
Geographical descriptor: Mauritania * Francophone Africa * Africa
- 3144 *Sepp, D.S*
DESERTIFIKATION-EIN KERNPROBLEM ARIDER REGIONEN DE DRITTEN WELT (Desertification: A Main Problem of Arid Regions of the Third World)
 Lang.: ger. 1986. **Series title:** *Allgemeine Forstzeitschrift*. Vol.41(6):p.112-114. ISSN 0002-5860
Descriptor: desertification * arid land * climatic zones * environmental factors * natural disasters * site factors
- 3145 *Serjeant, R.B*
SOME IRRIGATION SYSTEMS IN HADRAMAUT
 Lang.: eng. 1964. **Series title:** *University of London. School of Oriental and African Studies. Bulletin*. Vol.27:p.33-76
Descriptor: irrigation
Geographical descriptor: Yemen * Arabian Peninsula * Hadhramaut * Middle East
- 3146 *Seyidurbanov, S.; Svintsov, I.P*
FUEL AND ENERGY RESOURCES AND ALTERNATIVE ENERGY SOURCES
 Lang.: eng. 1986. p.38-44. Note: (In) *Arid Land Development and the Combat Against Desertification: an Integrated Approach* by M.H. Glantz (ed.)
Descriptor: fuel * arid land * desertification * water resources * desalinization * solar energy * land development
- 3147 *Shakesby, R.A.; Trilsbach, A*
IRRIGATION IS THE DESERT'S SECRET AGENT
 Lang.: eng. Feb. 1982. **Series title:** *Geographical Magazine*. Vol.54(2):p.77-83
Descriptor: irrigation * deserts

- 3148 *Shakesby, R.A.; Tritsback, A*
MAN CAN BE BLAMED FOR ADVANCING DESERTS IN THE SUDAN
 Lang.: eng. 1982. **Series title:** Geographical Magazine. Vol.54(2):p.77-83
Descriptor: desertification * human ecology
Geographical descriptor: Sudan * Africa
- 3149 *Shalem, N*
LA STABILITE DU CLIMAT EN PALESTINE
 Meeting or Conf.: Desert Research, International Symposium held May 7-14, 1952, Jerusalem, Proceedings
 Lang.: fre. 1953. **Series title:** Research Council of Israel. Special Publication. 2. p.153-175
Descriptor: arid climate * regional surveys * history * settlements * hydrology * biogeography * climatic change * desertification
Geographical descriptor: Middle East * Palestine
- 3150 *Shamout, S*
THE DESERTIFICATION AND AGRICULTURAL RESOURCE PROBLEM IN JORDAN
 Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, Damascus, Syrian Arab Republic, May 9-15, 1981
 Lang.: eng. New York: United Nations Economic and Social Council. 1981. 17p. Note: (In) Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, Damascus, Syrian Arab Republic, May 9-15, 1981, Vol.2
Descriptor: agricultural development * desertification control
Geographical descriptor: Jordan * Middle East
- 3151 *Shamshina, V.A*
PRIMENENIYE NEROZINA I DRUGIKH SKLEIVAYUSHCHIKH KHIMIKATOV KLYA VOSSTANOVLENIYA KORMOVYKH UGODIY NA PRIKASPIYSKIKH PESCHANYKH ZEMLYAKH (Use of Nerosine and Other Fixative Chemicals in Restoring Fodder Lands on Sandy Soils Around the Caspian Sea)
 Lang.: rus. Volgograd, USSR: Volgograd Agricultural Institute. 1973. 19p. Note: (Candidate dissertation summary)
Descriptor: nerosine * sandy soils * fodder * soil stabilization
Geographical descriptor: Caspian Sea Region * USSR
- 3152 *Shamsudinov, Z.S.; Chalbash, R.M.; Ibragimov, I*
BLACK SAXAUL PASTURE PROTECTION STRIPS
 Lang.: rus. 1968. **Series title:** Luga I Pastbishcha. Vol.2:p.18-20
Descriptor: Haloxylon * pastures * agrotechnology * shelterbelts
- 3153 *Shamsudinov, Z.S*
EKOLOGO-BIOLOGICHESKIYE OSNOVY POVYSHENIYA PRODUKTIVNOSTI PASTBISHCH ARIDNOY ZONY UZBEKISTANA (Ecological-Biological Foundation for Upgrading Pasture Productivity in the Arid Zone of Uzbekistan)
 Lang.: rus. Ashkhabad, Turkmen SSR: Turkmen SSR Academy of Sciences. 1973. 52p. Note: (Doctoral dissertation summary)
Descriptor: ecology * biology * pastures * plant production * arid land
Geographical descriptor: Uzbek SSR * USSR
- 3154 *Shamsudinov, Z.S*
PASTURES IN IRAN, THEIR USE AND IMPROVEMENT
 Meeting or Conf.: Conference on Desertification, Nairobi, 1977
 Lang.: rus. 1978. **Series title:** Problemy Osvoeniya Pustyn. 1978(3):p.104-108. ill. ISSN 0032-9428
Descriptor: pastures * range management * land improvement * United Nations
Geographical descriptor: Iran * Middle East
- 3155 *Shamsudinov, Z.S*
SCIENTIFIC FOUNDATIONS FOR UPGRADING DESERT PASTURE PRODUCTIVITY
 Meeting or Conf.: International Astrakhan Growing Symposium, 3d, Samarkand, 1975, Doklady
 Lang.: eng. 1975. p.209-219
Descriptor: deserts * pastures * plant production * scientific methods
- 3156 *Shamsudinov, Z.S*
SEMENOVODSTVO PUSTYNNYKH PASTBISHCHNYKH RASTENIY (Desert Pasture Plant Seed Farming)
 Lang.: rus. Tashkent, Uzbek SSR: Fan. 1974. 98p
Descriptor: deserts * pastures * seeds
- 3157 *Shamsudinov, Z.S*
SOZDANIYE DOLGOLETNYKH PASTBISHCH V ARIDNOY ZONE SREDNEY AZII (Development of Perennial Pastures in the Arid Zone of Central Asia)
 Lang.: rus. Tashkent, Uzbek SSR: Fan. 1975. 176p
Descriptor: pastures * perennials * arid land
Geographical descriptor: Central Asia
- 3158 *Shanan, L.; Schick, A.P*
A HYDROLOGICAL MODEL FOR THE NEGEV DESERT HIGHLANDS EFFECTS OF INFILTRATION, RUNOFF AND ANCIENT AGRICULTURE
 Lang.: eng. 1980. **Series title:** Hydrological Science Bulletin. Vol.25(3):p.269-282
Descriptor: hydrology * highlands * infiltration * runoff * agriculture * deserts
Geographical descriptor: Negev Desert * Israel * Middle East
- 3159 *Shanan, L.; Evenari, M.; Tadmor, N.H*
RAINFALL PATTERNS IN THE CENTRAL NEGEV DESERT
 Lang.: eng. 1967. **Series title:** Israel Exploration Journal. Vol.17:p.163-184
Descriptor: rainfall * weather patterns
Geographical descriptor: Israel * Negev * Middle East
- 3160 *Shanan, L.; et al*
RUNOFF FARMING IN THE DESERT 3: Microcatchment for improvement of desert range
 Lang.: eng. 1970. **Series title:** Agronomy Journal. Vol.62:p.445-449
Descriptor: water harvesting * catchments * rainfall runoff relationships * saline soils * Atriplex
Geographical descriptor: Israel * Negev * Middle East
- 3161 *Shankar, V.; Dadhich, N.K*
EFFECT OF LONG TERM EXCLOSURE ON CHANGES IN DUNE VEGETATION
 Lang.: eng. 1977. **Series title:** Annals of Arid Zone. Vol.16(3):p.381-386
Descriptor: exclosures * dunes * vegetation change * wind action * barchans
Geographical descriptor: Thar Desert * India
- 3162 *Shankararayan, K.A*
ECOLOGICAL DEGRADATION OF THE THAR DESERT AND ECO-REGENERATION
 Meeting or Conf.: National Symposium on Desert Ecology, Oct 24-27, 1986, Rajasthan, India
 Lang.: eng. Jodhpur, India: Scientific Publishers. 1988. **Series title:** Sci. Review Arid Zone Research. Vol.5:p.1-13. ISSN 0254-0568. Note: Paper presented at conference
Descriptor: deserts * environmental degradation * ecology * human population * livestock * revegetation
Geographical descriptor: India * Thar Desert
- 3163 *Shankararayan, K.A*
IMPACT OF OVERGRAZING ON THE GRASSLANDS
 Lang.: eng. 1977. **Series title:** Annals of Arid Zone. Vol.16(3):p.349-359
Descriptor: desertification * overgrazing * grassland biome * grasslands * environmental effects * ground cover * soil compaction * infiltration * runoff * palatability * plant succession * vegetation change
Geographical descriptor: Thar Desert * India

- 3164 *Shantz, H.L.; Turner, B.L.*
PHOTOGRAPHIC DOCUMENTATION OF VEGETATIONAL CHANGES IN AFRICA OVER A THIRD OF A CENTURY
 Lang.: eng. 1958. **Series title:** *Arizona Agricultural Experiment Station Report*. 169. 158p
Descriptor: aid * vegetation * vegetation change * Acacia * tallgrass * rainfall * temperature * desert plants * shrubs * desert grassland * photography * savannas * time lapse photography
Geographical descriptor: Africa * South Africa * Kenya
- 3165 *Shapley, H. (ed.)*
CLIMATIC CHANGE: EVIDENCE, CAUSES AND EFFECTS
 Lang.: eng. Cambridge, MA: Harvard University Press. 1954. 318p
Descriptor: climatic change * environmental impact * climatic vegetal relationships * humans * climatology * environmental impact
- 3166 *Shapouri, S*
CHAD
 Lang.: eng. Washington, D.C.: USDA, ERS, Agriculture and Trade Analysis Division. 1988. **Series title:** *Global Review of Agricultural Policies*. 1988:p.258-259
Descriptor: agricultural policy * economic policy * self sufficiency * settlements * water supply * herd improvement * export diversification * trade policy
Geographical descriptor: Chad * Africa
- 3167 *Sharma, D*
DESERTIFICATION PROBLEMS: HOW CAN WE SOLVE THEM. VARIOUS CAUSES
 Lang.: eng. Jodhpur, India: University Center for Desert Studies. The Society. Jan. 1981. **Series title:** *Transactions of the Indian Society Desert Technology*. Vol.6(1):p.100-103. ISSN 0379-0568
Descriptor: desertification * desertification control * causes * deserts
- 3168 *Sharma, R.C.; Kundra, P*
INDIAN DESERT: PROCESS AND PATTERN OF DESERTIFICATION
 Lang.: eng. 1984. p.61-72. Note: (In) *Resource Management in Drylands: The Rajasthan Example* by H.G. Mensching and R.C. Sharma (eds.)
Descriptor: deserts * soils * desertification * erosion * conservation * development * resource management
Geographical descriptor: India * Rajasthan
- 3169 *Sharon, D*
CORRELATION ANALYSIS OF THE JORDAN VALLEY RAINFALL FIELD
 Lang.: eng. 1979. **Series title:** *Monthly Weather Review*. Vol.107(8):p.1042-1047
Descriptor: depth area duration analysis * weather patterns * rainfall * distribution patterns * synoptic climatology * topography * climatic geomorphology
Geographical descriptor: Jordan Valley * Israel * Middle East
- 3170 *Sharon, D*
RAINFALL FIELDS IN ISRAEL AND JORDAN AND THE EFFECT OF CLOUD SEEDING ON THEM
 Lang.: eng. 1978. **Series title:** *Journal of Applied Meteorology*. Vol.17(1):p.40-48
Descriptor: rainfall * cloud seeding * climatic data * environmental variability * weather modification * evaluation
Geographical descriptor: Israel * Jordan * Middle East
- 3171 *Sharon, D*
THE DISTRIBUTION OF HYDROLOGICALLY EFFECTIVE RAINFALL INCIDENT ON SLOPING GROUND
 Lang.: eng. 1980. **Series title:** *Journal of Hydrology*. Vol.46:p.165-188
Descriptor: slopes * slope exposure * weather stations * hydrological models * measurement * topography * runoff
Geographical descriptor: Israel * Middle East
- 3172 *Sharp, T*
MEN MAY MAKE THE DESERT
 Lang.: eng. 1982. **Series title:** *Geographical Magazine*. Vol.54(1):p.4-6
Descriptor: deserts * human ecology * environmental impact * human activity
- 3173 *Shata, A.A*
REMARKS ON THE PROBLEMS OF DESERTIFICATION CONTROL IN SINAI
 Lang.: eng. 1984. **Series title:** *Egyptian Journal of Geology*. Vol.28(1):p.31-35. ISSN 0367-0430
Descriptor: desertification control
Geographical descriptor: Sinai * Middle East
- 3174 *Shawki, M.K*
A SCHEME FOR FOREST CONSERVATION AND DEVELOPMENT IN THE SEMI-DESERT REGION AROUND KHARTOUM
 Meeting or Conf.: International Union for the Conservation of Natural Resources, Nairobi, Technical Meetings, September 17-20, Proceedings
 Lang.: eng. 1963. 7p
Descriptor: forest management * conservation
Geographical descriptor: Sudan * Khartoum * Africa
- 3175 *Sheikh, M.J*
AFFORESTATION OF ARID AND SEMIARID AREAS IN PAKISTAN
 Lang.: eng. Peshawar, Pakistan: Pakistan Forest Institute. 1986. 161p
Descriptor: watershed management * afforestation * arid land * semiarid lands * forests
Geographical descriptor: Pakistan
- 3176 *Sheperton, W.O*
REPORT TO THE GOVERNMENT OF THE SUDAN ON RANGE AND PASTURE MANAGEMENT
 Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1968. **Series title:** *Food and Agriculture Organization TA*. 2468
Descriptor: range management * pastures
Geographical descriptor: Sudan * Africa
- 3177 *Sherbrooke, W.C.; Paylore, P*
WORLD DESERTIFICATION: CAUSE AND EFFECT
 Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1973. 168p
Descriptor: deserts * drought * bibliographies * semiarid climate * arid climate * arid land * weather modification * literature reviews * reforestation * soil stabilization * water shortage * grazing * fire effects * land use * land management * conservation * plant populations
- 3178 *Sheridan, B*
DIRT MOTORBIKES AND DUNE BUGGIES THREATEN DESERTS: OFF-ROAD VEHICLE ABUSE IN CALIFORNIA
 Lang.: eng. 1978. **Series title:** *Smithsonian*. Vol.9(6):p.66-75
Descriptor: land management * erosion * injurious factors * vandalism * recreation * wildlife habitats * off road vehicles
Geographical descriptor: California
- 3179 *Sheridan, D*
DESERTIFICATION OF THE UNITED STATES
 Lang.: eng. Washington, D.C.: Council on Environmental Quality. 1981. 142p
Descriptor: desertification
Geographical descriptor: Western U.S
- 3180 *Sheridan, D*
THE DESERT BLOOMS - AT A PRICE
 Lang.: eng. 1981. **Series title:** *Environment*. Vol.23(3): p.6-20, 38-40
Descriptor: desertification * case studies * groundwater * overdrafts * soil salinization
Geographical descriptor: Arizona * Texas * California * Nevada

- 3181 *Sheridan, D*
WESTERN RANGELANDS: OVERGRAZED AND UNDERMANAGED
Lang.: eng. 1981. **Series title:** *Environment*. Vol.23(4): p.14-20, 37-39
Descriptor: range management * overgrazing * desertification
Geographical descriptor: Southwestern U.S. * Arizona * New Mexico
- 3182 *Sherman, P.B*
PRELIMINARY EVALUATION OF DRYLAND CASE STUDIES
Lang.: eng. 1986. 15p. Note: "Paul B. Sherman, Environment and Policy Institute, East-West Center." Copy can be obtained from Nairobi Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: desertification control * erosion control * water salinization * land management * soil degradation * demography * climate * overgrazing * rangelands * human activity * socioeconomic impacts
Geographical descriptor: Australia * Chile * China * India * Kenya * Mexico * Morocco * Thailand * Sudan * Africa * Middle East
- 3183 *Shevchenko, I.D*
SOME PROBLEMS OF CONTROLLING DESERTIFICATION IN THE NATIONS OF NORTHWEST AFRICA
Lang.: eng. 1982. **Series title:** *Problems of Desert Development*. No.2:p.13-19. Note: Translated from: *Problemy Osvoeniya Pustyn* (1982) No.2:p.13-19
Descriptor: soil fertility * desertification control
Geographical descriptor: North Africa * Africa
- 3184 *Shirmamedov, M*
TIMBER GROWING PERSPECTIVES ON THE SANDS OF WEST TURKMENISTAN
Lang.: eng. 1974. **Series title:** *Problems of Desert Development*. Vol.3:p.88-90. Note: Translated from: *Problemy Osvoeniya Pustyn*
Descriptor: forests * timber * sand * forest vegetation
Geographical descriptor: Turkmen SSR * USSR
- 3185 *Shiu Hung, L*
RECENT TRENDS OF DESERTIFICATION IN THE MAOWUSU DESERT, CHINA
Lang.: eng. Ontario, Canada: University of Toronto. Erindale Campus. 1983. **Series title:** *Environmental Conservation*. Vol.10(3):p.213-224
Descriptor: desertification * deserts * trends
Geographical descriptor: Maowusu Desert * China
- 3186 *Shiva, V.; Bandyopadhyay, J*
DESERTIFICATION IN INDIA: TRENDS AND COUNTERTRENDS
Lang.: eng. 1986. **Series title:** *Desertification Control Bulletin*. No.13:p.29-33
Descriptor: desertification * trends
Geographical descriptor: India
- 3187 *Short, N.M. (ed.); Blair Jr., R.W. (ed.)*
GEOMORPHOLOGY FROM SPACE: A GLOBAL OVERVIEW OF REGIONAL LANDFORMS
Lang.: eng. Washington, D.C.: NASA. 1988. **Series title:** *NASA Special Publication*. No.486. 716p
Descriptor: landform analysis * tectonics * volcanoes * alluvial land * deltas * coastal landforms * karst landforms * eolian landforms * geomorphology * mapping * remote sensing
- 3188 *Shouri, M*
REGIONAL DEVELOPMENT AND DESERTIFICATION IN ARID ZONES AROUND THE SAHARA
Lang.: eng. Jan-Feb 1984. **Series title:** *Nature and Resources*. No.20(1):p.10-20. ISSN 0304-2995
Descriptor: desertification * regional development
Geographical descriptor: Sahara * Africa
- 3189 *Shreve, F.; Hickley, A.L*
THIRTY YEARS OF CHANGE IN DESERT VEGETATION
Lang.: eng. 1937. **Series title:** *Ecology*. Vol.18:p.463-478
Descriptor: vegetation * vegetation change
Geographical descriptor: Sonoran Desert * Mexico
- 3190 *Shu, L*
INTERNAL FACTORS AFFECTING THE DEVELOPMENT OF DESERTIFICATION OF SEMIARID AREAS OF CHINA
Lang.: eng. New York: Allerton Press. 1988. **Series title:** *Problems of Desert Development*. No.2:p.18-22. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn*, 1988(2):p.18-23
Descriptor: drought * erosion * wind erosion * plant production * semiarid regions * dunes * soil surveys * soil fertility
Geographical descriptor: China
- 3191 *Shul'zhenko, A.A*
FOREST CROPS IN TECHNOGENIC SANDS
Lang.: rus. 1973. **Series title:** *Nauchnyy i Rudy Sredneaznilkh (Tashkent)*. Vol.15:p.21-32. Note: (In) *Protective Timber Growing on Sandy Territories in Central Asia*
Descriptor: timber * forests * plant growth * sandy soils * sand control
Geographical descriptor: Central Asia
- 3192 *Shvan Guriyskiy, I.P.; Sin'kovskaya, A.S.; Vil'yams, I.K*
RATSIONAL'NOYE I MERY ULUCHSHENIYA ARIDNYKH PASTBISHCH (Efficient Utilization of and Measures for the Improvement of Arid Pasturelands)
Lang.: rus. Moscow: Vniiteiskh. 1974. 77p
Descriptor: pastures * arid land * pasture management
- 3193 *Siddique Ali, M*
WATER-BEARING ZONES IN THE MINING AREA OF THE NORTHERN REGION OF BANGLADESH WITH REGARD TO UTILISATION OF MINE WATER FOR IRRIGATION AND OTHER USES
Lang.: eng. 1983. Note: (In) *Hydrogeological Mapping in Asia and the Pacific Region* by W.F. Grimmelmann, K.D.W. Krampe, and W. Struckmeier (eds.)
Descriptor: mining * mine wastes * irrigation water * water resources management * hydrogeology * mapping
Geographical descriptor: Bangladesh
- 3194 *Sidel'nikov, N.T*
FROM THE EXPERIENCE OF GROWING SAXAUL CROPS IN KZYL-ORDINSKAYA OBLAST
Lang.: rus. 1969. **Series title:** *Vestnik Sel'skokhzyaystvenny Nauki (Alma-Ata)*. Vol.5:p.48-52
Descriptor: Haloxylon ammodendron * cultivation
Geographical descriptor: Kzyl Ordinskaya Oblast * Kazakh SSR * USSR
- 3195 *Sidel'nikov, N.T*
SAXAUL CULTIVATION IN KZYL-ORDINSKAYA OBLAST
Lang.: rus. Alma-Ata, Kazakh SSR: Kaynar. 1970. p.202-205. Note: (In) *Nauchnyye osnovy vosstanovleniya lesnogo fonda i povysheniya produktivnosti lesov Kazakhstana* (Scientific Foundations for the Restoration of the Forest Stock and Upgrading Kazakhstan Forest Productivity)
Descriptor: Haloxylon ammodendron * cultivation * afforestation * forest production * survival * plant development
Geographical descriptor: Kzyl Ordinskaya Oblast * Kazakh SSR * USSR
- 3196 *Siderius, W. (ed.)*
PROCEEDINGS OF THE WORKSHOP ON LAND EVALUATION FOR EXTENSIVE GRAZING (LEEG)
Meeting or Conf.: International Workshop on Land Evaluation for Extensive Grazing (LEEG), Addis Ababa
Lang.: eng. Wageningen, The Netherlands: International Institute for Land Reclamation and Improvement. 1984. **Series title:** *IILRI Publication*. No.36. x, 343p
Descriptor: rangelands * land evaluation * deserts * grazing * drought * pastoralism * nomads * economic development * environmental impact
- 3197 *Sidney, J*
THE PAST AND PRESENT DISTRIBUTION OF SOME AFRICAN UNGULATES
Lang.: eng. London: Zoological Society of London. 1965. **Series title:** *Zoologica Society of London Transactions*. Vol.30. 396p
Descriptor: ungulate * mammals * wildlife habitats * wildlife * animal populations * zoogeography * animal ecology

- 3198 *Sidorenko, A.V.*
DESERTIFICATION AND THE PROBLEM OF ENVIRONMENTAL PROTECTION
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. **Series title:** Problemy Osvoeniya Pustyn.
1978(3):p.3-6. ISSN 0032-9428
Descriptor: environmental protection * United Nations
Geographical descriptor: USSR
- 3199 *Sidorenko, D.I.*
EKONOMICHESKAYA EFEKTIVNOST' ULUCHSHENIYA PASTBISHCH V PREDGORN'YKH PUSTYNYAKH TURKMENISTANA (Economic Effectiveness of Pasture Improvement in Turkmenistan Foothill Deserts)
Lang.: rus. Ashkhabad, Turkmen SSR: Ylym. 1971. 71p
Descriptor: pastures * land improvement * deserts * foothills * economics
Geographical descriptor: Turkmen SSR * USSR
- 3200 *Sim, P.*
ILCA MONITORING ACTIVITIES
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. **Series title:** ILCA Bulletin. No.9:p.30-31. Note: (In) Pastoral Development Projects
Descriptor: pastoralism * nomads * livestock * training in agriculture * economic development
Geographical descriptor: Africa * Kenya
- 3201 *Silant'yev, Y.A.; Sin'kovskiy, L.P.; Vasilev, A.V.*
IMPROVING SEMI-DESERT PASTURES IN SOUTH TADZHIKISTAN WITH HALOXYLON APHYLLUM
Lang.: eng. 1975. **Series title:** Problems of Desert Development. Vol.1:p.51-57. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: pastures * Haloxylon aphyllum * semideserts
Geographical descriptor: Tadzhik SSR * USSR
- 3202 *Silliman, J.R.*
ENVIRONMENTAL REPORT ON CAPE VERDE
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Aug. 1980. 51p
Descriptor: environmental surveys
Geographical descriptor: Cape Verde * Africa
- 3203 *Sillou, M.; Zaid, A.; Beauchesne, G.*
LE JOJOBA (SIMMONDSIA CHINENSIS). PLANTE DES ZONES ARIDES ET RESSOURCE ECONOMIQUE POTENTIELLE (The Jojoba (Simmondsia chinensis) A Plant of Arid Zones and a Potential Economic Resource)
Meeting or Conf.: Seminaire National sur l'Agronomie Saharienne, Marrakech, Morocco, 6-8 May 1985 (National Seminar on Saharian Agronomy)
Lang.: fre. Marrakech, Morocco. 1985. p.95-100
Descriptor: Simmondsia chinensis * arid land * economic development * wax plants * desertification * plant products * climatic zones * economic plants * environmental factors * industrial crops * natural disasters * oil crops * Sapindales * Simmondsiaceae * site factors
Geographical descriptor: Morocco * Francophone Africa * Africa
- 3204 *Silva Filho, E.H. da*
UMA ABORDAGEM PROBABILISTICA A PLUVIOMETRIA DO NORDESTE DO BRASIL (A Probabilistic Approach to the Pluviometry of Northeast Brazil)
Lang.: por. Recife, Brazil: Departamento de Transportes. Superintendencia do Desenvolvimento do Nordeste. 1970
Descriptor: rainfall * climatology * statistical analysis
Geographical descriptor: Brazil * Northeast Brazil * South America
- 3205 *Simonetti, D.S.*
EXAMPLES AND POTENTIALS FOR MONITORING DUNE SANDS AND DUNE MIGRATION
Lang.: eng. Rome: Food and Agriculture Organization of the United Nations. 1975. 8p
Descriptor: dunes * wind erosion * wind action * sand control * remote sensing * plant cover * erosion control * vegetation * vegetation maps * plant distribution * desertification * dune stabilization
- 3206 *Simonetta, A.M.; Bettini, T.M.; Bigi, F.; et al*
PROBLEMI DELL'UTILIZZAZIONE E DEL RECUPERO DELL'AMBIENTE SAHELIANO: RISULTATI DI UN SEMINARIO (Problems of the Utilization and Recovery of the Sahel Environment: Results of a Seminar)
Lang.: ita. Jan.-Jun. 1985. **Series title:** Rivista di Agricoltura Subtropicale e Tropicale. Vol.79(1-2):p.139-145. ISSN 0035-6026. Note: Summary language: French, Italian
Descriptor: desertification * natural disasters
Geographical descriptor: Sahel * Africa
- 3207 *Simons, M.*
DESERTS, THE PROBLEM OF WATER IN ARID LANDS
Lang.: eng. London: Oxford University Press. 1967. 96p
Descriptor: deserts * weather modification * desalination * water transfer * groundwater * water sources * Koepfens climatic classification * climate * desert plants * desert animals * irrigation water * water utilization * environmental engineering * water resources development
- 3208 *Sin'kovskiy, L.P.; Sin'kovskaya, A.S.*
NEW FODDER CROPS FOR IMPROVING PASTURES OF DESERT AND SEMI-DESERTS
Lang.: rus. Moscow: Kolos. p.409-422. Note: (In) Pastbishcha i senokosy SSSR (USSR Pastures and Hay Mowing Areas)
Descriptor: fodder * pastures * land improvement * deserts * semideserts * hay * shrubs * grasses * natural flora
Geographical descriptor: USSR
- 3209 *Sin'kovskiy, L.P.*
SOME PROBLEMS OF THE THEORY AND PRACTICE OF OVERDRILLING OF PASTURES IN THE DESERTS OF CENTRAL ASIA
Lang.: eng. 1973. **Series title:** Problems of Desert Development. Vol.6:p.3-10. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: pastures * deserts * oversowing
Geographical descriptor: Central Asia
- 3210 *Sin'kovskiy, L.P.*
UPGRADING THE FODDER PRODUCTIVITY OF SEMI-SAVANNAH PASTURES IN THE SOUTH OF CENTRAL ASIA
Meeting or Conf.: International Meadow Cultivation Congress, 12th, Moscow, Report
Lang.: eng. 1974. p.64-70. Note: Report delivered to the improvement of natural and creation of cultivated pastures and hay mowing areas
Descriptor: fodder * pastures * savannas * land improvement * hay * plant production
Geographical descriptor: Central Asia
- 3211 *Sinclair, A.R.E.; Fryxell, J.M.*
THE SAHEL OF AFRICA: ECOLOGY OF A DISASTER
Lang.: eng. 1985. **Series title:** Canadian Journal of Zoology. Vol.63(5):p.987-994. Note: Summary language: French
Descriptor: soil fertility * desertification * famine
Geographical descriptor: Sahel * Africa
- 3212 *Sinden, J.A.; Sutas, A.R.; Yapp, T.P.*
DAMAGE COSTS OF LAND DEGRADATION: AUSTRALIAN PERSPECTIVE
Meeting or Conf.: Conference on the Economics of Dryland Degradation and Rehabilitation, Canberra
Lang.: eng. 1986? 1 Vol. Note: Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: soil degradation * economic development * saline soils * water management
Geographical descriptor: Australia

- 3213 *Singer, A.; Shachnai, E*
THE MICROMORPHOLOGY AND CLAY MINERALOGY OF SANDY PALEOSOLS FROM THE COASTAL PLAIN OF ISRAEL
Meeting or Conf.: Inqua Congress, 8th, Paris, 1969
Lang.: eng. 1972. Vol.1:p.391-394. Note: (In) Etudes sur le Quaternaire dans le Monde
Descriptor: coastal plains * geomorphology * mineralogy * clay * Quaternary period * sediments * water level * paleosols * Pleistocene epoch * palynology * soil formation * sand
Geographical descriptor: Israel * Middle East
- 3214 *Singh, G*
STRATIGRAPHICAL AND PALYNOLOGICAL EVIDENCE FOR DESERTIFICATION IN THE GREAT INDIAN DESERT
Lang.: eng. 1977. Series title: *Annals of Arid Zone*. Vol.16(3):p.310-320
Descriptor: desertification * Quaternary period * palynology * climatic change * denudation
Geographical descriptor: Rajasthan * India * Indus Basin
- 3215 *Singh, P*
PRODUCTIVITY CONSTRAINTS IN ARID LAND AGRICULTURE
Lang.: eng. 1977. Series title: *Annals of Arid Zone*. Vol.16(3):p.374-380
Descriptor: productivity * desertification * land management * biomass * agriculture
Geographical descriptor: Thar Desert * India
- 3216 *Singh, R.P.; et al*
HUNGRY DRYLANDS OF WESTERN RAJASTHAN NEED A NEW TECHNOLOGY
Central Arid Zone Research Institute, Jodhpur, Dry Farming Research Main Centre
Lang.: eng. 1974. Series title: *Indian Farming*. Vol.23(12):p.5-6
Descriptor: crop production * arid land * planning * water conservation * salinity * soil amendments * agroclimatology * fertilizers * planting management
Geographical descriptor: Rajasthan * India
- 3217 *Singh, R.P. (ed.)*
IMPROVED DRYLAND AGRICULTURE FOR WESTERN RAJASTHAN
Lang.: eng. Jodhpur, India: Central Arid Zone Research Institute. 1976? Series title: *Technical Bulletin*. No.1. 28p
Descriptor: rainfall * dry farming * crops * water harvesting * agricultural engineering
Geographical descriptor: India
- 3218 *Singh, S.; Ghose, B.; Kar, A*
GEOMORPHIC CHANGES AS EVIDENCE OF PALAEOCLIMATE AND DESERTIFICATION IN RAJASTHAN DESERT, INDIA
Luni/Development Block: A Case Study
Lang.: eng. 1977. Series title: *Man and Environment*. Vol.2:p.1-13
Descriptor: desertification * climatic geomorphology * salinity * ecosystems * sedimentation * sand * paleoclimatology * case studies
Geographical descriptor: Rajasthan * India
- 3219 *Singh, S.; Ghose, B*
GEOMORPHIC SIGNIFICANCE IN THE ENVIRONMENTAL PROBLEMS OF THE RAJASTHAN DESERT, INDIA
Lang.: eng. Jodhpur, India: Scientific Publishers. 1980. p.103-108. Note: (In) *Arid Zone Research and Development* by H.S. Mann (ed.)
Descriptor: geomorphology * land forms * desertification
Geographical descriptor: Rajasthan Desert * India
- 3220 *Singh, S*
GEOMORPHOLOGICAL INVESTIGATIONS OF RAJASTHAN DESERT
Lang.: eng. Jodhpur: Central Arid Zone Research Institute. 1977. Series title: *Monograph*. No.7. 45p
Descriptor: geomorphology * landforms * dunes * desertification * sedimentation * salinity * river basins
Geographical descriptor: India * Rajasthan
- 3221 *Singh, S*
SAND DUNES AND PALAEOCLIMATE IN JODHPUR DISTRICT, WESTERN RAJASTHAN (INDIA)
Lang.: eng. 1977. Series title: *Man and Environment*. Vol.1:7-15
Descriptor: dunes * climatic change * Quaternary period * paleoclimatology * physico-chemical properties of soils
Geographical descriptor: Rajasthan * India
- 3222 *Singhui, A.K.; Sharma, Y.P.; Agrawal, D.P*
THERMOLUMINESCENCE DATING OF SAND DUNES IN RAJASTHAN, INDIA
Lang.: eng. 1982. Series title: *Nature*. Vol.295(5847): p.313-315
Descriptor: dunes * geologic time * thermoluminescence * paleoclimatology * desertification
Geographical descriptor: India * Rajasthan
- 3223 *Sinha, S*
QUATERNARY GEOLOGY, ARIDITY AND DESERTIFICATION IN RAJASTHAN
Lang.: eng. 1977. Series title: *Annals of Arid Zone*. Vol.16(3):p.331-341
Descriptor: Quaternary period * aridity * climatic change * desertification
Geographical descriptor: Rajasthan * India
- 3224 *Sirinanda, K.U*
LAND DEGRADATION AND ITS POSSIBLE IMPACT ON CLIMATIC ALTERATION IN MONSOON ASIA
Lang.: eng. Tokyo: University of Tokyo Press. 1984. p.151-179. Note: (In) *Climate and Agricultural Land Use in Monsoon Asia* by M.M. Yoshina (ed.)
Descriptor: soil fertility * soil degradation * climate
Geographical descriptor: Asia
- 3225 *Siscoe, G.J.*
SOLAR-TERRESTRIAL INFLUENCES ON WEATHER AND CLIMATE
Lang.: eng. 1978. Series title: *Nature*. Vol.276(5686):p.348-352
Descriptor: climatic change * drought * atmospheric circulation * electromagnetic waves * solar radiation
- 3226 *Stieler, C; Schuler, M.; Rauscher, R*
THE TERTIARY NORTH-ATLANTIC ORGANIC MATTER (PALYNOFACIES) OFF NW-AFRICA REFLECTS OCEAN-FLOOR SPREADING AND CONTINENTAL DRIFT IN EOCENE TIME, AND INDICATES BEGINNING OF THE DESERTIFICATION OF THE SAHARAIN EARLY MIOCENE
Meeting or Conf.: European Union of Geosciences, Meeting, 1st, Strasbourg, France, Apr. 13-16, 1981
Lang.: eng. 1981. 109p. ISSN 0290-9944. Note: (In) *First Meeting of the European Union of Geosciences*
Descriptor: organic matter * palynofacies * continental drift * Eocene era * desertification * Miocene epoch
Geographical descriptor: Africa
- 3227 *Sketchley, H.B.; et al*
KENYA MARGINAL/SEMI-ARID LANDS, PRE-INVESTMENT INVENTORY
Soil Science Dept. I, Machakos-Kitul-Embu Area
Lang.: eng. Nairobi, Kenya: US Agency for International Development. Consortium for International Development. 1978. Series title: *Report. Soil Science*. No.10. 343, 108p. (some folded). Note: Prepared for the Government of Kenya
Descriptor: marginal lands * soil morphology * land management * water management
Geographical descriptor: Kenya * Africa
- 3228 *Skidmore, E.L*
KEY FACTORS IN ARID-LAND MONITORING EFFORTS
Lang.: eng. 1987. p.9-10. ISSN 0364-6017. Note: (In) *A Workshop on Desert Processes* by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: arid land * monitoring * deserts

- 3229 *Skidmore, E.L.*
SOIL EROSION BY WIND: AN OVERVIEW
 Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1986. p.261-273. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.),473p
Descriptor: wind erosion * desertification * injurious factors * natural disasters
- 3230 *Skinner, Q.D.; Dodd, J.L.; Rodgers, J.D.; et al*
ABATEMENT OF NONPOINT POLLUTION OF SEMI-ARID STREAMS USING LIVESTOCK GRAZING MANAGEMENT, VEGETATION, INSTREAM FLOW STRUCTURES, AND BEAVER
 Meeting or Conf.: Nonpoint Pollution Abatement Symposium, Milwaukee, WI, Apr. 23-25, 1985
 Lang.: eng. Washington, D.C.: Environmental Protection Agency. 1985. PT-II-G(14). Note: (In) EPA Nonpoint Pollution Abatement Symposium
Descriptor: nonpoint pollution * semiarid streams * livestock * grazing management * vegetation * flow structures * beavers
- 3231 *Skinner, Q.D.; Dodd, J.L.; Rodgers, J.D.; et al*
ANTIDESERTIFICATION OF RIPARIAN ZONES AND CONTROL OF NONPOINT SOURCE POLLUTION
 Meeting or Conf.: Perspectives on Nonpoint Source Pollution, Kansas City, MO, May 19-22, 1985
 Lang.: eng. 1985. p.382-386
Descriptor: desertification * riparian zones * desertification control * nonpoint pollution
- 3232 *Skinner, Q.D.; Smith, M.A.; Dodd, J.L.; et al*
REVERSING DESERTIFICATION OF RIPARIAN ZONES ALONG COLD DESERT STREAMS
 Meeting or Conf.: International Research and Development Conference, Tucson, AZ, Oct. 20-25, 1985
 Lang.: eng. 1988. p.1407-1414. Note: (In) Arid Lands: Today and Tomorrow. Proceedings of an International Research and Development Conference by E.E. Whitehead, C.F. Hutchinson, B.N. Timmermann and R. G. Varady (eds.), 1435p
Descriptor: desertification control * riparian ecosystems * streams
- 3233 *Skujins, J*
MICROBIAL ECOLOGY OF DESERT SOILS
 Lang.: eng. 1984. *Serialtitle:* *Advances in Microbial Ecology*. Vol.7:p.49-91
Descriptor: soil biology * aridisols * soil types * ecology
- 3234 *Slatyer, R.O. (ed)*
DYNAMIC CHANGES IN TERRESTRIAL ECOSYSTEMS: PATTERNS OF CHANGE, TECHNIQUES FOR STUDY AND APPLICATIONS TO MANAGEMENT: BASED ON THE FINDINGS OF AN INTERNATIONAL WORKSHOP SPONSORED JOINTLY BY UNESCO-MAB AND ICSU-SCOPE AND HELD AT SA
 Lang.: eng. Paris: United Nations Education, Scientific and Cultural Organization. 1977. *Series title:* *MAB Technical Notes*. No.4. 30P. Note: On Cover: Prepared in co-operation with SCOPE
Descriptor: ecosystems * natural resources * environmental conservation
- 3235 *Slatyer, R.O. (ed.); Perry, R.A. (ed.)*
ARID LANDS OF AUSTRALIA
 Lang.: eng. Canberra, Australia: Australian National University Press. 1977? 321p
Descriptor: physical geography * climate * vegetation * soil water plant relationships * landforms * overgrazing * history * rangelands * soil erosion * tenure systems * land management
Geographical descriptor: Australia
- 3236 *Smart, G.M*
DROUGHT ANALYSIS AND SOIL MOISTURE PREDICTION TO STIMULATE SOIL MOISTURE LEVELS UNDER IRRIGATED AND NONIRRIGATED CONDITIONS, WEATHER FORECASTING ON IRRIGATION SCHEDULING, CANTERBURY PLAIN, NEW ZEALAND
 Lang.: eng. Jun. 1983. *Serialtitle:* *Journal of Irrigation and Drain Engineering*. Vol.109(2):p.251-261
Descriptor: drought * soil moisture * irrigation scheduling * weather forecasting * forecasting
Geographical descriptor: New Zealand * Canterbury Plain
- 3237 *Smil, V*
THE BAD EARTH: ENVIRONMENTAL DEGRADATION IN CHINA
 Lang.: eng. Armonk, NY: M.E. Sharpe, Inc. 1984. 245p. ISBN 0-86232-189-1(paperback), 0-86232-188-3(hardback)
Descriptor: environmental pollution * ecosystems
Geographical descriptor: China
- 3238 *Smiley, T.J. (ed.)*
THE GEOLOGICAL STORY OF THE WORLD'S DESERTS
 Lang.: eng. Uppsala, Sweden: Kvartærgeologiska Föreningen. 1982. *Serialtitle:* *Striae*. No.17. 134p. ISBN 91-7388-035-3. ISSN 0345-0074. Note: Also in French; Summary language: English
Descriptor: desertification * geographical groupings * natural disasters * vegetation * geology * research
Geographical descriptor: Australia * Botswana * Namibia * Middle East * China * North America * Africa South of Sahara * America * Africa * Anglophone Africa * Asia * Oceania * Southern Africa
- 3239 *Smith, C.G*
WATER RESOURCES AND IRRIGATION DEVELOPMENT IN THE MIDDLE EAST
 Lang.: eng. 1970. *Serialtitle:* *Geography*. Vol.55:p.407-425
Descriptor: rainfall * water resources * irrigation * climate
Geographical descriptor: Middle East * Turkey * Iran * Syria * Iraq * Lebanon * Jordan * Israel * Egypt * Africa
- 3240 *Smith, E.A*
INVESTIGATING THE ROLE OF THE LAND SURFACE IN EXPLAINING THE INTERANNUAL VARIATION OF THE NET RADIATION BALANCE OVER THE NORTHWEST SAHARA AND SUB-SAHARA
 Lang.: eng. Jul. 1987. 5p
Descriptor: desertification * land surfaces * solar radiation * albedo * annual variations * heat transfer * rainfall * satellite imagery
Geographical descriptor: Sahara * Africa
- 3241 *Smith, E.A*
MONITORING THE SPRING-SUMMER SURFACE ENERGY BUDGET TRANSITION IN THE GOBI DESERT USING AVHRR GAC DATA (GLOBAL AREA COVERAGE)
 Meeting or Conf.: Satellite Meteorology/Remote Sensing and Applications, 2nd, Williamsburg, VA, May 13-16, 1986
 Lang.: eng. 1986. p.286-290
Descriptor: annual variations * desertification * energy budget * diurnal variation * NOAA 7 * radiometers * satellite imagery * springs * summer * satellites
Geographical descriptor: Gobi Desert * Mongolia
- 3242 *Smith, G.J*
MAGNITUDE OF CHANGES IN PAST CLIMATES
 Lang.: eng. 1987. 16p. ISSN 0364-6017. Note: (In) A Workshop on Desert Processes by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: climatic change * deserts
- 3243 *Smith, G.J*
SOIL-MOISTURE MEASUREMENT
 Lang.: eng. 1987. 12p. ISSN 0364-6017. Note: (In) A Workshop on Desert Processes by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: arid soils * soil moisture * measurement * deserts

- 3244 *Smith, H.T.U*
EOLIAN GEOMORPHOLOGY, WIND DIRECTION, AND CLIMATIC CHANGE IN NORTH AFRICA, FINAL REPORT
Lang.: eng. Cambridge, MA: U.S. Air Force. Cambridge Research Laboratories. 1963. 48p
Descriptor: geomorphology * dunes * deserts * dunes * eolian sands * temperature ranges * wind action * climatic geomorphology * climatic change
Geographical descriptor: North Africa * Sahara * Africa
- 3245 *Smith, R.A.; Robertson, V.C*
SOIL AND IRRIGATION CLASSIFICATION OF SHALLOW SOILS OVERLYING GYPSUM BEDS, NORTHERN IRAQ
Lang.: eng. 1962. **Series title**: Journal of Soil Science. Vol.13:p.106-115
Descriptor: soil classification * gypsum * irrigated soils * soil types
Geographical descriptor: Iraq * Middle East
- 3246 *Smith, R.A.; Birch, B.P*
THE EAST GHOR IRRIGATION PROJECT IN THE JORDAN VALLEY
Lang.: eng. 1963. **Series title**: Geography. Vol.48:p.407-409
Descriptor: irrigation problems
Geographical descriptor: Jordan Valley * East Ghor Irrigation Project * Israel * Middle East
- 3247 *Smith, S.E*
DROUGHT AND WATER MANAGEMENT: THE EGYPTIAN RESPONSE
Lang.: eng. Sep-Oct. 1986. **Series title**: Journal of Soil and Water Conservation. Vol.41(5):p.297(4)
Descriptor: drought * water management
Geographical descriptor: Egypt * Africa
- 3248 *Smith, S.T*
THE RELATIONSHIP OF FLOODING AND SALINE WATER TABLES
Lang.: eng. 1966. **Series title**: Western Australia, Journal of Agriculture. Vol.7:p.334-340
Descriptor: salinity * saline soils * water table * drainage * land management * salt tolerance * floods * salts * saturated soils
Geographical descriptor: Western Australia * Australia
- 3249 *Smithsonian Institute*
DESERT DISPUTE IS AS RUGGED AS CROSSING ONE
Lang.: eng. Washington DC: Smithsonian Institute. 1981. **Series title**: Smithsonian Institute Research Report. Vol.34:p.2+1
Descriptor: deserts
- 3250 *Snead, R.E.; Frishman, S.A*
ORIGIN OF SANDSON THE EAST SIDE OF THE LAS BELA VALLEY, WEST PAKISTAN
Lang.: eng. 1968. **Series title**: Geological Society of America Bulletin. Vol.79:p.1671-1676
Descriptor: coastal plains * sand * tectonics * geology * research
Geographical descriptor: Pakistan * Baluchistan * Arabian Sea * Las Bela Coastal Plain
- 3251 *Snead, R.E*
PHYSICAL GEOGRAPHY RECONNAISSANCE: LAS BELA COASTAL PLAIN, WEST PAKISTAN
Lang.: eng. Baton Rouge, LA: Louisiana State University. 1966. **Series title**: Louisiana State University Coastal Studies Series. 13. 118p
Descriptor: plains * Quaternary period * geomorphology * coastal areas * dunes * sand
Geographical descriptor: Las Bela Coastal Plain * Pakistan
- 3252 *Snead, R.E*
WEATHER PATTERNS IN SOUTHERN WEST PAKISTAN
Lang.: eng. 1968. **Series title**: Archiv fuer Meteorologie, Geophysik und Bioklimatologie Ser.B. Vol.16(4):p.316-346
Descriptor: weather patterns * cyclones * dust storms * monsoons * rainfall * anticyclones * thunderstorms * synoptic climatology
Geographical descriptor: Pakistan
- 3253 *Sociedad Nacional de Agricultura*
ANTECEDENTES HISTORICOS, DATOS E INFORMACIONES DE LA SOCIEDAD NACIONAL DE AGRICULTURA SOBRE LA SEQUIA (Historical background, Data and Information on the Drought: National Society of Agriculture)
Lang.: spa. 1968. **Series title**: Campesino. Vol.99(9):p.24-37, vol.(10):p.20-24
Descriptor: drought * climatic data * history
Geographical descriptor: Chile * South America
- 3254 *Soil Association (U.K.)*
BRINGING THE LAND BACK TO LIFE DESERTIFICATION. ENVIRONMENTAL REGENERATION IN INDIA
Lang.: eng. Stowmarket, U.K.: Soil Association. Sept. 1980. **Series title**: The Association. Vol.1(3):p.3-4
Descriptor: desertification * environment * regeneration * reclamation
Geographical descriptor: India
- 3255 *Sokolov, V*
THE BIOSPHERE RESERVE CONCEPT IN THE USSR
Lang.: eng. 1981. **Series title**: Ambio. Vol.10(2-3):p.97-101
Descriptor: reserves * environmental protection
Geographical descriptor: USSR
- 3256 *Solbrig, O.T. (ed.)*
FORESTS AND WOODLANDS
Lang.: eng. 1984. **Series title**: Mountain Research and Development. Vol.4(2):p.163-173. Note: Summary language: French, German; Part of an issue entitled The Southern Andes and Sierras Pampeanas, Vol.4 of the UNESCO/UNEP State of Knowledge Report on Andean Ecosystems
Descriptor: forest resources * forest management * ecosystems
Geographical descriptor: Andes * Sierras Pampeanas * Chile * Argentina * South America
- 3257 *Sombroek, W.G.; Garen, H.van*
VERWOESTIJNING: OMVANG, OORZAKEN EN BESTRIJDING (Desertification Extent, Cause and Control)
Lang.: dut. 1980. **Series title**: Geografisch Tijdschrift. Vol.14(5):p.447-458
Descriptor: desertification * plant protection * soil erosion * soil reclamation
- 3258 *Songqiao, Z*
DESERTIFICATION AND 'DE-DESERTIFICATION' IN CHINA
Lang.: eng. Kinsington, New South Wales, Australia: University of New South Wales, School of Geography. 1980. p.81-87. Note: (In) The Threatened Drylands: Regional and Systematic Studies of Desertification
Descriptor: desertification control methodology
Geographical descriptor: China * Northwest China
- 3259 *Soriano, A*
ASPECTOS ECOLOGICOS Y PASTORILES DE LA VEGETACION PATAGONICA RELACIONADOS CON SU ESTADO Y CAPACIDAD DE RECUPERACION (Ecological and Pastoral Aspects of the Patagonian Vegetation in Relation to Their State and Capacity of Recuperation)
Lang.: spa. 1956. **Series title**: Revista de Investigaciones Agrícolas (Buenos Aires). Vol.10(4):p.349-372
Descriptor: vegetation * revegetation * pastures
Geographical descriptor: Patagonian Desert * Argentina * South America
- 3260 *Soriano, A.; Movia, C.P*
EROSION Y DESERTIZACION EN LA PATAGONIA (Erosion and Desertification in Patagonia)
Lang.: spa. Caracas, Venezuela: Pergamon Press. 1986. **Series title**: Interciencia. Vol.11(2):p.77-83
Descriptor: desertification * erosion * sheep * grazing effects * grazing intensity * range management * policy * subsidies * education
Geographical descriptor: Patagonian Desert * Argentina * Chile * South America

- 3261 *Soriano, A*
LA REGENERACION DE LA VEGETACION EN ZONAS ARIDAS (Regeneration of vegetation in arid regions)
Lang.: spa. 1953. **Serial title:** *Idia* (Buenos Aires). 68
Descriptor: vegetation * revegetation * arid land
- 3262 *Soule, M.E*
CONSERVATION BIOLOGY: THE SCIENCE OF SCARCITY AND DIVERSITY
Lang.: eng. 1986. 584p. ISBN 087893-794-3
Descriptor: conservation * biology * diversity
- 3263 *South Africa. Commission of Enquiry into Agriculture*
SOUTH AFRICA. COMMISSION OF ENQUIRY INTO AGRICULTURE. REPORTS. INTERIM REPORTS
Lang.: eng. Pretoria: Government Printer. 1968-1972. **Serial title:** *South Africa. Commission of Enquiry into Agriculture. Reports.* RP61, 1968, 100p.; 2ed, RP84, 1970, 234p.; 3ed, RP19, 1972, 221p
Descriptor: agriculture * overgrazing * carrying capacity * drought * rainfall * veld * grazing systems * desertification * plant invaders * dessication
Geographical descriptor: South Africa * Karroo * Africa
- 3264 *South Africa. Commission for Enquiry into Water Matters*
SOUTH AFRICA. COMMISSION OF ENQUIRY INTO WATER MATTERS. REPORT
Lang.: eng. Pretoria: Government Printer. 1970. **Serial title:** *South Africa. Commission of Enquiry into Water matters. Report.* RP34. 169p
Descriptor: hydrology * water resources * water supply * water storage * runoff * drainage
Geographical descriptor: South Africa * Africa
- 3265 *South Africa. Department of Water Affairs. Division of Hydrological Research. Basic Research Section*
EVALUATION OF DROUGHT CONDITIONS IN THE NORTHERN REGIONS OF SOUTH AFRICA
Lang.: eng. Pretoria: Government Printer. 1965. **Serial title:** *South Africa. Department of Water Affairs. Division of Hydrological Research. Basic Research Section. Technical report.* No.35. 9p
Descriptor: drought * hydrology
Geographical descriptor: South Africa * Africa
- 3266 *South Africa. Department of Agricultural Technical Services*
STOCK REDUCTION SCHEME: ANNUAL REPORT, 1968/69, RP 18
Lang.: eng. Pretoria: Government Printer. 1970. **Serial title:** *South Africa. Department of Agricultural Technical Services. Annual Report 1968/69.* RP18. 29p
Descriptor: carrying capacity * livestock * sheep * agriculture
Geographical descriptor: Karroo * South Africa * Africa
- 3267 *South Africa. Desert Encroachment Committee*
SOUTH AFRICA. DESERT ENCROACHMENT COMMITTEE. REPORT
Lang.: eng. Pretoria: Government Printer. 1951. 27p
Descriptor: carrying capacity * grasslands * grassland biome * hydrology * weather * climatology * grazing * wells * groundwater * arid climate * semiarid climate * drought * atmospheric precipitation * weather modification * cloud seeding * weather forecasting * storms * erosion * range management
vegetation change * savannas * climatic change * dessication * desertification
Geographical descriptor: Karroo * South Africa * Africa
- 3268 *South Africa. Laws, Statutes, etc*
SOIL CONSERVATION ACT NO.76 OF 1969 Amended by Soil Conservation Amendment Act no.4 of 1971. Second Soil Conservation Amendment Act no.38 of 1971 as amended by soil Conservation Amendment Act nos.11 of 1973 and 21 of 1974
Lang.: eng. 1974. Note: Unpublished
Descriptor: soil conservation * vegetation * conservation * water * land use * law
Geographical descriptor: South Africa * Namibia * Africa
- 3269 *South Africa. Laws, Statutes, etc*
SUBDIVISION OF AGRICULTURAL LAND ACT NO.70 OF 1970. Amended by subdivision of Agricultural Land Amendment Act no.55 of 1972 and no.19 of 1974
Lang.: eng. 1974. Note: Unpublished
Descriptor: agriculture * land use * law
Geographical descriptor: South Africa * Africa
- 3270 *South Africa. Soil Conservation Board*
VELD RECLAMATION SCHEME: ANNUAL REPORT, 1968/69 RP 64
Lang.: eng. Pretoria: Government Printer. 1970. **Serial title:** *South Africa. Soil Conservation Board. Veld Reclamation Scheme: Annual Report 1968/69.* RP64. p.21-23
Descriptor: reclamation * veld * grazing * carrying capacity * grasses * agriculture * soil conservation
Geographical descriptor: South Africa * Africa
- 3271 *South African Regional Conference on the conservation and Utilization of Soils*
REPORT OF THE SUBCOMMITTEE ON A SYSTEM OF LAND UTILIZATION FOR SEMIARID REGIONS OF SOUTHERN AFRICA
Lang.: eng. 1959. **Serial title:** *Sols Africains.* Vol.4(4):p.42-90
Descriptor: soil conservation * drought * rainfall * agriculture * overgrazing * veld
Geographical descriptor: Namibia * South Africa * Botswana * Karroo * Africa
- 3272 *South Australia. Engineering and Water Supply Department*
THE SOUTH AUSTRALIAN RIVER MURRAY SALINITY CONTROL PROGRAMME: SUMMARY, EVALUATION AND RECOMMENDATIONS, APPENDICES
Lang.: eng. Adelaide, Australia: South Australia Engineering and Water and Supply Department. 1978. 3 Vols
Descriptor: salinity * irrigation water * water extraction * drainage * seepage * river basins * saline water * irrigation practices * evaporation * interception
Geographical descriptor: Australia * South Australia
- 3273 *Southern African Development Conference*
SEMINAR ON MONITORING SYSTEMS FOR ENVIRONMENTAL CONTROL, NOVEMBER 3-7, 1986 GABORONE, BOTSWANA
Meeting or Conf.: Seminar On Monitoring Systems for Environmental Control (1986: Gaborone).
Lang.: eng. Maseru, Lesotho: Southern African Development Coordination Conference. 1986. **Serial title:** *Report.* No.13. 252p
Descriptor: environmental impact * remote sensing * air pollution * soil degradation * rangelands * animal populations * land management * Landsat imagery * animal production
Geographical descriptor: Angola * Botswana * Lesotho * Malawi * Mozambique * Swaziland * Tanzania * Zambia * Zimbabwe * Africa
- 3274 *Southwick, C.H*
GLOBAL ECOLOGY
Lang.: eng. 1985. 323p. ISBN 0-87893-810-9
Descriptor: ecology * global strategy * arid land
- 3275 *Spaeth, H.J*
ECOTECHNIQUE: FORMULA FOR RECLAIMING DESERTIFIED SEMIARID CROPLAND
Lang.: eng. Dordrecht, The Netherlands: Kluwer. 1986. ISBN 90-247-3292-1. Note: (In) *Physics of Desertification* by F. El Baz (ed.), 437p
Descriptor: desertification control * aridisols * soil types * physics of desertification

- 3276 *Spain. Instituto Nacional de Investigaciones Agrarias*
DELIMITACION DE ZONAS DEPRIMIDAS EN VARIAS REGIONES ESPAÑOLAS. ENSAYO DE UNA TIPOLOGIA COMARCAL SEGUN LOS CRITERIOS DE APLICACION DE LA DIRECTRIZ CEE 268/75. (Delimitation of Less Favoured Depressed Areas in a Number of Spanish Regions: A Regional Typology according to the Criteria of EC Directive 268/75)
Lang.: spa. 1983. Series title: Instituto Nacional de Investigaciones Agrarias. Ministerio de Agricultura. Spain. Comunicaciones No.13. 51p
Descriptor: economics * natural resources * agriculture
Geographical descriptor: Spain
- 3277 *Spaulding, W.G.*
ICE-AGE DESERT IN THE SOUTHERN GREAT BASIN
Lang.: eng. Seattle, Washington: University of Washington. 1985. Series title: Current Research in the Pleistocene. Vol.2:p.83-85. ISSN 8755-898X
Descriptor: deserts * ice age
Geographical descriptor: Great Basin * Western U.S
- 3278 *Spears, J.*
DEFORESTATION ISSUES IN DEVELOPING COUNTRIES: THE CASE FOR AN ACCELERATED INVESTMENT PROGRAMME
Lang.: eng. 1985. Series title: Commonwealth Forestry Review. Vol.64(4):p.313-343
Descriptor: deforestation * developing countries * accelerated programs
- 3279 *Specht, R.L.*
THE VEGETATION OF SOUTH AUSTRALIA: 2ed
Lang.: eng. Adelaide, Australia: Government Printer. 1972. 328p
Descriptor: overgrazing * soil erosion * sheep * vegetation * timber * shrubs * soil water plant relationships * animal damage * stock water * livestock
Geographical descriptor: South Australia * Australia
- 3280 *Speece, M.; Wilkinson, M.J.*
ENVIRONMENTAL DEGRADATION AND DEVELOPMENT OF ARID LANDS
Lang.: eng. 1982. Series title: Desertification Control. No.7:p.2-9
Descriptor: soil fertility * desertification
- 3281 *Speece, M.*
ENVIRONMENTAL PROFILE OF THE DEMOCRATIC REPUBLIC OF SUDAN
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Sep. 1982. 302p
Descriptor: environmental surveys
Geographical descriptor: Sudan * Africa
- 3282 *Speece, M.*
ENVIRONMENTAL PROFILE OF THE SULTANATE OF OMAN
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Jun. 1981. 203p
Descriptor: environmental surveys
Geographical descriptor: Oman * Middle East
- 3283 *Speece, M.*
ENVIRONMENTAL REPORT ON NIGER
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Sep. 1980. 160p
Descriptor: environmental surveys * natural resources
Geographical descriptor: Niger * Africa
- 3284 *Speece, M.*
ENVIRONMENTAL REPORT ON WEST BANK AND GAZA
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Feb. 1982. 52p
Descriptor: environmental surveys
Geographical descriptor: West Bank * Gaza * Middle East
- 3285 *Speece, M.*
ENVIRONMENTAL REPORT ON YEMEN
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Feb. 1982. 208p
Descriptor: environmental surveys
Geographical descriptor: Yemen * Middle East
- 3286 *Speece, M.*
PLANNED ENVIRONMENTAL DEGRADATION: DEVELOPMENT IN THE ARID THIRD WORLD
Meeting or Conf.: Association for Arid Lands Studies, Denver, CO, Apr. 21-21, 1982
Lang.: eng. Lubbock, TX: Texas Technical University. International Center for Arid and Semi-Arid Land Studies. 1982. p.10. Note: Abstract. (In) Association for Arid Lands Studies, Proceedings
Descriptor: development policy * environmental impact * environmental degradation * developing countries * arid land
- 3287 *Speth, J.G.*
A NEW ENVIRONMENTAL AGENDA
Lang.: eng. Summer 1986. Series title: Forum for Applied Research and Public Policy. Vol.1(2):p.22(14)
Descriptor: environmental protection * environmental policy * environmental research
- 3288 *Spooner, B.*
CULTURAL AND ECOLOGICAL PERSPECTIVES FROM THE TURAN PROGRAM, IRAN: INTRODUCTION
Lang.: eng. 1980. Series title: Expedition. Vol.22(4): p.4-10
Descriptor: cultural geography * natural resources * pastoralism * ecology
Geographical descriptor: Iran * Middle East
- 3289 *Spooner, B.*
ECOLOGY IN DEVELOPMENT: A RATIONALE FOR THREE-DIMENSIONAL POLICY
Lang.: eng. Doc. no.: NRTS-21/UNUP-458. Tokyo: United Nations University. 1984. 58p. ISBN 92-808-0458-8
Descriptor: desert development * ecology * desertification
Geographical descriptor: Asia
- 3290 *Spooner, B.*
RETHINKING DESERTIFICATION: THE SOCIAL DIMENSION
Lang.: eng. London: Academic Press. 1982. p.1-24. ISBN 0-12-658050-2. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective by B. Spooner and H.S. Mann (eds.), 407p
Descriptor: desertification * ecology * social sciences * arid land
- 3291 *Spooner, B.*
THE SIGNIFICANCE OF DESERTIFICATION
Lang.: eng. Philadelphia, Pennsylvania: University of Pennsylvania. Dept. of Anthropology. 1986. p.337-356. Note: (In) Global Aspects of Food Production, by M.S. Swaminathan (ed.)
Descriptor: desertification * politics * food supply
- 3292 *Spooner, B. (ed.); Mann, H.S. (ed.)*
DESERTIFICATION AND DEVELOPMENT: DRYLAND ECOLOGY IN SOCIAL PERSPECTIVE
Lang.: eng. London, U.K.: Academic Press. 1982. 407p. ISBN 0-12-658050-2
Descriptor: desertification * soil fertility * development * social sciences * case studies * ecology * Zygophyllum eurypterum * Artemisia * fuels
Geographical descriptor: India * Iran * Egypt * Africa * Pakistan

- 3293 *Squella, N.F.*
EL PROCESO DE DESERTIFICACION EN LA ZONA DE TENDENCIA MEDITERRANEA ARIDA DE CHILE(The Desertification Process in the Arid Mediterranean Zone of Chile)
 Lang.: spa. 1986. **Serial title:** Boletín-Sociedad Chilena de la Ciencia del Suelo. Vol.5(2):p.233-263
Descriptor: desertification * arid land * mediterranean climate * climatic zones * environmental factors * natural disasters * site factors
Geographical descriptor: Chile * South America
- 3294 *Squires, U.R.*
GRAZING BEHAVIOR OF SHEEP IN RELATION TO WATERING POINTS IN SEMI-ARID RANGELANDS
 Meeting or Conf.: International Grasslands Congress, 11th, Surfers Paradise, 1970, Proceedings
 Lang.: eng. St.Lucia, Australia: Queensland Press. 1970. p.880-884
Descriptor: sheep * overgrazing * rangelands * stock water * semiarid lands
- 3295 *St. Barbe Baker, R.*
SAHARA CONQUEST
 Lang.: eng. London: Butterworth Press. 1966. 186p
Descriptor: reforestation * grazing * animal damage * desertification * reclamation * land management * water resources * water resources development * reservoirs * plant cover * dunes * sand control * microenvironment * dessication
Geographical descriptor: United Arab Republic * Africa * Sahara * Middle East
- 3296 *St. Barbe Baker, R.*
THE SAHARA: AN EVER-PRESENT CHALLENGE
 Lang.: eng. 1969. **Serial title:** Unasylva. Vol.23(2):p.2-14
Descriptor: ecosystems * desertification * reforestation * sand control
Geographical descriptor: Sahara * Morocco * Algeria * Libya * Tunisia * Egypt * Ethiopia * Kenya * Sudan * Africa
- 3297 *Staley, J.T.; Jackson, M.J.; Palmer, F.E.; et al*
DESERT VARNISH COATINGS AND MICROCOLONIAL FUNGI ON ROCKS OF THE GIBSON AND GREAT VICTORIA DESERTS, AUSTRALIA
 Lang.: eng. 1983. **Serial title:** BMR Journal of Australia Geology and Geophysics. Vol.8(1):p.83-87
Descriptor: mechanical weathering * arid land * semiarid lands * deserts * desertification * chemical weathering * sedimentation
Geographical descriptor: Australia * Gibson Desert * Great Victoria Desert
- 3298 *Stamp, L.D.*
THE SOUTHERN MARGIN OF THE SAHARA: COMMENTS OF SOME RECENT STUDIES ON THE QUESTION OF DESICCATION IN WEST AFRICA
 Lang.: eng. 1940. **Serial title:** Geographical Review. Vol.30:p.297-300
Descriptor: dessication
Geographical descriptor: Sahara * West Africa * Sahel * Africa
- 3299 *Stanhill, G.*
EVAPORATION FROM LAKE TIBERIAS: AN ESTIMATE BY THE COMBINED WATER BALANCE-MASS TRANSFER APPROACH
 Lang.: eng. 1969. **Serial title:** Israel Journal of Earth Sciences. Vol.18(3-4):p.101-108
Descriptor: evaporation * water balance * water transfer
Geographical descriptor: Lake Tiberias * Israel * Middle East
- 3300 *Stannard, M.E.*
EROSION SURVEY OF THE CENTRAL EAST-DARLING REGION
 Lang.: eng. 1963. **Serial title:** New South Wales Soil Conservation Service Journal. Vol.19:p.69-80
Descriptor: soil erosion * soil surveys
Geographical descriptor: New South Wales * Australia
- 3301 *Stannard, M.E.*
EROSION SURVEY OF THE SOUTH WEST COBAR PENEPLAIN
 Lang.: eng. 1957. **Serial title:** New South Wales Soil Conservation Service Journal. Vol.13:p.176-186, Vol.14:p.30-45, Vol.14:p.137-156
Descriptor: soil erosion * soil surveys
Geographical descriptor: New South Wales * Australia
- 3302 *Stebbing, E.P.*
AFRICA AND ITS INTERMITTENT RAINFALL: THE ROLE OF THE SAVANNAH FOREST
 Lang.: eng. Royal African Society. 1938. **Serial title:** Royal African Society Journal. Vol.37 (suppl.). 32p
Descriptor: dessication * savannas * desertification * erosion * land management * natural resources * vegetation change
Geographical descriptor: Africa
- 3303 *Stebbing, E.P.*
FOREST, ARIDITY AND DESERTS
 Meeting or Conf.: Symposium on the Biology of Hot and Cold Deserts
 Lang.: eng. London: Institute of Biology. 1954. p.123-128. Note: (In) Biology of Deserts. Proceedings from the Symposium on the Biology of Hot and Cold Deserts by J.L. Cloudsley-Thompson (ed.)
Descriptor: desertification * land use * erosion * drought * moisture deficit * settlements * aridity * nomads * soil erosion * dessication * crop production * social aspects
- 3304 *Stebbing, E.P.*
MAN-MADE DESERT IN AFRICA: EROSION AND DROUGHT
 Lang.: eng. Royal African Society. 1938. **Serial title:** Royal African Society Journal (suppl.). Vol.37. 40p
Descriptor: desertification * erosion * soil erosion * gully erosion * sheet erosion * dessication * grazing * fire effects * drought * vegetation change
Geographical descriptor: Africa
- 3305 *Stebbing, E.P.*
THE CREEPING DESERT IN THE SUDAN AND ELSEWHERE IN AFRICA, 15-30 DEGREES LATITUDE
 Lang.: eng. Khartoum, Sudan: Mcccrquodale. 1953. 165p
Descriptor: desertification
Geographical descriptor: Sudan * Africa
- 3306 *Stebbing, E.P.*
THE ENCROACHING SAHARA
 Lang.: eng. 1935. **Serial title:** Geographical Journal. Vol.85(6):p.506-524
Descriptor: desertification * grazing * land use * vegetation change
Geographical descriptor: Sahara * Nigeria * Sudan * Niger * Africa
- 3307 *Stebbing, E.P.*
THE SAHARA: THE ADVANCE OF THE SAHARA Letter to the editor
 Lang.: eng. 1938. **Serial title:** Geographical Journal. Vol.91(4):p.356-359
Descriptor: desertification * grazing effects * soil erosion * climatic change * vegetation change
Geographical descriptor: Sahara * Africa
- 3308 *Stebbing, E.P.*
THE THREAT OF THE SAHARA
 Lang.: eng. Royal African Society. 1937. **Serial title:** Royal African Society Journal. Vol.36. 36p
Descriptor: desertification * dessication * grazing effects * fire effects * savannas * vegetation change
Geographical descriptor: Sahara * Africa
- 3309 *Steeds, D.*
DESERTIFICATION IN THE SAHELIAN AND SUDANIAN ZONES OF WEST AFRICA
 Lang.: eng. Washington, D.C.: World Bank. 1985. 60p
Descriptor: vegetation * degradation
Geographical descriptor: Sahel * Sudan * West Africa * Africa

- 3310 *Steeds, D.R.*
DESERTIFICATION
Lang.: eng. 1987. p.229-235. ISBN 0821309099. Note: (In) Sustainability Issues in Agricultural Development: Proceedings of the Seventh Agricultural Sector Symposium by Ted J. Davis and I.A. Schirmer (eds.)
Descriptor: desertification * soil management * aridity
- 3311 *Steen, B.*
A POSSIBLE METHOD FOR THE SAMPLING OF SAHARAN DUST
Lang.: eng. 1979. **Serialtitle:** Scope. No.14:p.279-286. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed
Descriptor: deserts * dust * wind erosion * wind energy * water erosion * environmental impact
Geographical descriptor: North Africa
- 3312 *Stein, R.; Robert, C.*
SILICICLASTIC SEDIMENTS AT SITES 588,590, AND 591: NEOGENE AND PALEOGENE EVOLUTION IN THE SOUTHWEST PACIFIC AND AUSTRALIAN CLIMATE
Lang.: eng. 1986. Vol.90(2), p.1437-1455. Note: (In) Deep Sea Drilling Project by J.H. Blakeslee (ed.)
Descriptor: paleoclimate * desertification * ocean * sediment
Geographical descriptor: Australia
- 3313 *Stepanov, A.M.*
ON THE WIDTH OF THE PROTECTION ZONE OF PROJECTS IN THE FIXATION AND AFFORESTATION OF SHIFTING SANDS
Lang.: eng. 1968. **Serialtitle:** Problems of Desert Development. Vol.4:p.3-9. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: sand * sand control * afforestation * shelterbelts * mechanical controls
- 3314 *Stepanov, A.M.*
PESCHANYE PUSTYNI UZBEKISTANA, IKH OBLESENIYE I ZAKREPLENIYA (Sand Deserts of Uzbekistan, Their Afforestation and Fixation)
Lang.: rus. Tashkent, Uzbekistan. 1965. 16p
Descriptor: deserts * sand * sand control * afforestation
Geographical descriptor: Uzbek SSR * USSR
- 3315 *Stepanov, A.M.*
STRUKTURA I PRODUKTIVNOST' PUSTYNNYI RASTITEL'NOSTI, EYE RASIONAL'NOYE ISPOL'ZOVANIYE I ULUCHSHENIYE (Structure and Productivity of Desert Vegetation, Its Rational Utilization and Improvement)
Lang.: rus. Alma-Ata, Kazakh SSR. 1974. 154p. Note: Materials of the Oct. 14-18, 1974 symposium
Descriptor: deserts * desert plants * plant communities * plant morphology
- 3316 *Stepanov, A.M.*
THE EFFECT OF SHELTER ON THE TEMPERATURE AND MOISTURE OF DESERT SANDS
Lang.: eng. 1971. **Serialtitle:** Soviet Geography Review and Translation. Vol.12(10):p.695-701
Descriptor: deserts * sandy soils * soil moisture * soil temperature * sand control * wind erosion * mechanical controls
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 3317 *Stern, M.*
CENSUS FROM HEAVEN?: POPULATION ESTIMATES WITH REMOTE SENSING TECHNIQUES
Lang.: eng. Lund, Sweden: University of Lund, Dept. of Geography. 1985. 128p. ISBN 9172229896
Descriptor: remote sensing * Landsat * satellites * desertification * human population
Geographical descriptor: Sudan * Kordofan * Middle East
- 3318 *Stern, M.*
LANDSAT DATA FOR MONITORING RURAL SETTLEMENT AND POPULATION A Test in the Umm Ruwaba Region, the Sudan
Lang.: eng. 1982. Vol.1, p.437-447. ISSN 0275-5505. Note: (In) Proceedings of the International Symposium on Remote Sensing of Arid and Semi-Arid Lands
Descriptor: Landsat * satellites * remote sensing * rural settlement * human population
Geographical descriptor: Umm Ruwaba * Sudan * Africa
- 3319 *Stevens, J.H.*
ARID ZONE AGRICULTURAL DEVELOPMENT IN THE TRUCIAL STATES
Lang.: eng. 1969. **Serialtitle:** Journal of Soil and Water Conservation. Vol.24:p.181-183
Descriptor: arid land * agriculture
Geographical descriptor: Trucial States * Arabian Peninsula * Middle East
- 3320 *Stevens, J.H.*
OASIS AGRICULTURE IN THE CENTRAL AND EASTERN ARABIAN PENINSULA
Lang.: eng. 1972. **Serialtitle:** Geography. Vol.57:p.321-326
Descriptor: agriculture * oases
Geographical descriptor: Arabian Peninsula * Middle East
- 3321 *Stevens, J.H.*
QUATERNARY EVENTS AND THEIR EFFECT ON SOIL DEVELOPMENT IN AN ARID ENVIRONMENT: THE TRUCIAL STATES
Lang.: eng. 1969. **Serialtitle:** Quaternaria. Vol.10:p.73-81
Descriptor: soil types * soil formation * arid land * Quaternary period
Geographical descriptor: Trucial States * Arabian Peninsula * Middle East
- 3322 *Stevens, J.H.*
STABILIZATION OF AEOLIAN SANDS IN SAUDI ARABIA'S AL HASA OASIS
Lang.: eng. 1974. **Serialtitle:** Journal of Soil and Water Conservation. Vol.29(3):p.129-132
Descriptor: oases * eolian sands * agriculture * sand control * Tamarix * reclamation
Geographical descriptor: Saudi Arabia * Arabian Desert * Al Hasa Oasis * Middle East
- 3323 *Stevens, J.H.*
THE CHANGING AGRICULTURAL PRACTICE IN AN ARABIAN OASIS
Lang.: eng. 1970. **Serialtitle:** Geographical Journal. Vol.136:p.410-418
Descriptor: oases * agriculture
Geographical descriptor: Arabian Desert * Middle East
- 3324 *Stevens, J.H.*
THE SOILS OF THE TRUCIAL STATES: CLASSIFICATION AND CAPABILITY
Meeting or Conf.: International Congress of Soil Science, 9th, Adelaide, Australia, Transactions
Lang.: eng. 1968. Vol.4:p.253-260
Descriptor: regional surveys * gravel * soil classification * sierozems * soil surveys * sodium affected soils * saline soils * soil horizons
Geographical descriptor: Trucial States * Arabian Peninsula * Middle East
- 3325 *Steyaert, L.T.*
CLIMATIC IMPACT ASSESSMENT TECHNOLOGY FOR DISASTER EARLY WARNING AND TECHNICAL ASSISTANCE IN THE DEVELOPING WORLD
Lang.: eng. 1984. Vol.5, p.57-66. Note: (In) Proceedings of the National Conference on Resource Management
Descriptor: satellite information * drought * food security programs * early warning systems

- 3326 *Steyaert, L.T.; Ravelo, A.C.; Sakamoto, C.M*
EARLY WARNING ASSESSMENT PROGRAM FOR DROUGHT / SUBSISTENCE FOOD SHORTAGES IN THE CARIBBEAN BASIN AND SUB-SAHARAN AFRICA: FINAL REPORT ON TEST AND EVALUATION
 Lang.: eng. Dec. 1980. 167p
Descriptor: early warning systems * drought * food shortage * famine
Geographical descriptor: Caribbean * Sahara * Africa
- 3327 *Steyaert, L.T.; Achutuni, V.R.; Todorov, A.V*
PROPOSED AGROCLIMATIC ASSESSMENT METHODS FOR EARLY WARNING OF DROUGHT / FOOD SHORTAGES IN SOUTH AND SOUTHEAST ASIA
 Lang.: eng. Jun. 1981. 285p
Descriptor: agroclimate * early warning systems * drought * food shortage * famine
Geographical descriptor: Asia * Southeast Asia
- 3328 *Stiles, D*
ARID LAND PLANTS FOR ECONOMIC DEVELOPMENT AND DESERTIFICATION CONTROL
 Lang.: eng. Nairobi, Kenya: UNEP. 1988. **Series title:** Desertification Control Bulletin. No.17:p.18-21. ISSN 0379-2455
Descriptor: Acacia * Commiphora * desert plants * trees * economic development * gums * resins * oils * product quality * market planning * socioeconomic impacts * natural resources
Geographical descriptor: Africa
- 3329 *Stiles, D*
CAMEL VS CATTLE PASTORALISM: STOPPING DESERT SPREAD
 Lang.: eng. 1987. **Series title:** Desertification Control Bulletin. Vol.14:p.15-21
Descriptor: pastoralism * desertification * camels * nomads
Geographical descriptor: Kenya * Africa
- 3330 *Stiles, D*
DESERTIFICATION: A QUESTION OF LINKAGE
 Meeting or Conf.: United Nations Conference on Desertification (UNCOD), Nairobi, Kenya, Aug. 29-Sep. 7, 1977
 Lang.: eng. 1984. **Series title:** Desertification Control Bulletin. No.11:p.1-6
Descriptor: desertification * UNCOD * UNEP
- 3331 *Stiles, D*
DESERTIFICATION: A QUESTION OF LINKAGES
 Lang.: eng. 1985. **Series title:** Mazingira. Vol.8(4):p.32-33
Descriptor: desertification
- 3332 *Stiles, D*
DESERTIFICATION: AN UNEP ASSESSMENT SEVEN YEARS AFTER UNCOD
 Lang.: eng. 1984. **Series title:** Entwicklung und Ländlicher Raum. Vol.18(6):p.3-5
Descriptor: desertification * resource conservation * international organizations * natural resources * nature conservation * development policy * environmental policy * natural disasters * conservation
Geographical descriptor: Ethiopia * Sahel * Africa South of Sahara * Africa
- 3333 *Stiles, D*
DESERTIFICATION: THE TIME FOR ACTION (STATUS OF WORLD AREAS)
 Lang.: eng. Summer, 1984. **Series title:** Environmentalist. Vol.4(2):p.93-96. ISSN 0251-1088
Descriptor: desertification * environmental impact
- 3334 *Stiles, D*
STOPPING THE DESERT SPREAD - WITH A CAMEL
 Lang.: eng. 1984. **Series title:** Ecologist. Vol.14(1):p.38-43
Descriptor: desertification * camels * goats
Geographical descriptor: Chalbi Desert * Kenya * Africa
- 3335 *Stiles, D.; Brennan, R*
THE FOOD CRISIS AND ENVIRONMENTAL CONSERVATION IN AFRICA
 Lang.: eng. 1986. **Series title:** Food Policy. Vol.11(4):p.298-310
Descriptor: food supply * environmental protection * desertification
Geographical descriptor: Africa
- 3336 *Stiles, D.N*
CAMEL PASTORALISM AND DESERTIFICATION IN NORTHERN KENYA
 Lang.: eng. 1983. **Series title:** Desertification Control. No.8:p.2-8
Descriptor: camels * grazing * livestock * desertification * soil fertility * livestock farming * dairy farming
Geographical descriptor: Kenya * Africa
- 3337 *Stiles, D.N*
DESERTIFICATION AND PASTORAL DEVELOPMENT IN NORTHERN KENYA
 Lang.: eng. 1983. **Series title:** Nomadic Peoples. Vol.13:p.1-14
Descriptor: desertification * pastoralism * nomads
Geographical descriptor: Kenya * Northern Kenya * Africa
- 3338 *Stocker, G.C*
EFFECTS OF FIRES ON VEGETATION IN THE NORTHERN TERRITORY
 Lang.: eng. 1966. **Series title:** Australian Forestry. Vol.30(3):p.223-230
Descriptor: fire effects * environmental impact
Geographical descriptor: Northern Territory * Australia
- 3339 *Stocking, M.A*
ASPECTS OF THE ROLE OF MAN IN EROSION IN RHODESIA
 Lang.: eng. 1972. **Series title:** Zambesia. Vol.2:p.1-10
Descriptor: soil erosion * conservation * erosion * veld * agriculture
Geographical descriptor: South Africa * Africa
- 3340 *Storke, C*
EVAPOTRANSPIRATION PROBLEMS IN IRAQ
 Lang.: eng. 1959. **Series title:** Netherlands Journal of Agricultural Science. Vol.7:p.269-282
Descriptor: evapotranspiration
Geographical descriptor: Iraq * Middle East
- 3341 *Stormer, F.A.; Guthery, F.S*
IRRIGATION AND WILDLIFE IN THE SOUTHERN AND CENTRAL GREAT PLAINS: PROCEEDINGS OF GREAT PLAINS AGRICULTURAL COUNCIL
 Lang.: eng. 1982. p.41-48
Descriptor: irrigation * nature conservation * wildlife
Geographical descriptor: Western U.S. * Great Plains
- 3342 *Storv, R*
A BOTANICAL SURVEY OF THE KEISKAMMAHOEK DISTRICT
 Lang.: eng. 1952. **Series title:** Botanical Survey of South Africa. Memoir. 27. 184p
Descriptor: plant invaders * Acacia * shrubs * veld * goats * livestock * fire effects * brush control * carrying capacity
Geographical descriptor: South Africa * Keiskammahoek District * Africa
- 3343 *Strang, R.M*
BUSH ENCROACHMENT AND VELD MANAGEMENT IN SOUTH-CENTRAL AFRICA: THE NEED FOR REAPPRAISAL
 Lang.: eng. 1973. **Series title:** Biological Conservation. Vol.5(2):p.96-104
Descriptor: grasses * veld * plant invaders * trees * fire effects * goats * livestock * brush control * grazing * wildlife management
Geographical descriptor: South Africa * Africa

- 3344 *Strange, L.R.N*
EMASAR PHASE II: VOLUME V. GRASSLAND EDUCATION AND TRAINING
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1978. iv, 121p
Descriptor: rangelands * land management * grasslands * deserts * marginal lands * extension * rural development * pastoralism * nomads
Geographical descriptor: Kenya * Botswana * Swaziland * Tanzania * Eastern Africa * Southern Africa
- 3345 *Strange, L.R.N*
HUMAN INFLUENCES IN AFRICAN PASTURES AND ENVIRONMENTS WITH SPECIAL REFERENCE TO THE ARID AND SEMIARID PASTORAL REGIONS OF EASTERN AFRICA
Lang.: eng. Rome, Italy: FAO. 1980. **Series title:** FAO Pasture and Fodder Crop Studies. No.8. 89p. ISBN 92-5-100874-4
Descriptor: pastures * environment * arid land * semiarid lands * vegetation * human influences
Geographical descriptor: Africa * East Africa
- 3346 *Stranz, D*
UEBER DEN REGEN IN AFRIKA U. DIE TROCKENHEIT DER LETZTEN JAHRE IM SAHEL (1967-1974)
Lang.: ger. 1975. **Series title:** Deutscher Wetterdienst. Einzelveroeffentlichungen (Hamburg). 88. 23p
Descriptor: desertification * atmospheric pressure * precipitation deficit * distribution patterns
Geographical descriptor: Sahel * Africa
- 3347 *Street, F.A.; Grove, A.T*
ENVIRONMENTAL AND CLIMATIC IMPLICATIONS OF LATE QUATERNARY LAKE-LEVEL FLUCTUATIONS IN AFRICA
Lang.: eng. 1976. **Series title:** Nature. Vol.261:p.385-390
Descriptor: lake basins * aridity * desertification * rainfall * drought * Quaternary period * water balance
Geographical descriptor: South Africa * Karroo * Africa
- 3348 *Striem, H.L*
RAINFALL GROUPINGS IN THE MIDDLE EAST
Lang.: eng. 1967. **Series title:** International Association of Scientific Hydrology Bulletin. Vol.11:p.59-64
Descriptor: rainfall * weather patterns
Geographical descriptor: Middle East
- 3349 *Striem, H.L.; Rosenan, N*
RAINSPELLS, ASA CLIMATOLOGICAL PARAMETER USED IN THE ANALYSIS OF RAINFALL IN JERUSALEM
Lang.: eng. 1973. **Series title:** Archiv fuer Meteorologie, Geophysik und Bioklimatologie. Ser. B, Vol.21(1):p.25-42
Descriptor: rainfall * depth area duration analysis * weather patterns * rainfall intensity * precipitation * meteorological data
Geographical descriptor: Israel * Jerusalem * Middle East
- 3350 *Stuckmann, G*
PROBLEME DER WASSERNUTZUNG IM SAHEL DER REPUBLIK NIGER (Problems of the water use in the Sahel in the Republic of Niger)
Lang.: ger. 1974. **Series title:** Africa Spectrum. Vol.74(3):p.260-267
Descriptor: water utilization * rainfall reliability * infiltration * water sources * groundwater
Geographical descriptor: Sahel * Niger * Africa
- 3351 *Stuckmann, G*
THE CLIMATIC BASIS OF THE STUDIED AREA
Lang.: eng. Hanover: Geographische Gesellschaft zu Hanover, Jahrbuch. 1970. p.11-32. Note: (In) Sudan, Sahel, Sahara: Geomorphological Observations During an Expedition in West and North Africa
Descriptor: geomorphology * climatic geomorphology
Geographical descriptor: Africa * Sahara * Sahel * Sudan
- 3352 *Suarez de Castro, F*
DESERTIFICATION IN LATIN AMERICA FROM AN ECOLOGICAL AND AGRICULTURAL PERSPECTIVE
Lang.: eng. San Jose, Costa Rica: IICA. 1981. 16p. Note: Summary language: Spanish
Descriptor: desertification
Geographical descriptor: Latin America
- 3353 *Subrahmanyam, V.P.; Sastri, C.V.S*
NEW TECHNIQUES IN DROUGHT ANALYSIS
Lang.: eng. 1971. **Series title:** Annals of Arid Zone. Vol.10(2-3):p.120-135
Descriptor: drought * climatology * analytical methods * synoptic analysis * climatic data * forecasting
- 3354 *Subrahmanyam, V.P.; Sastri, C.V.S*
SOME ASPECTS OF DROUGHT CLIMATOLOGY OF THE DRY SUBHUMID ZONES OF SOUTH INDIA
Lang.: eng. 1969. **Series title:** Meteorological Society of Japan. Vol.47(4):p.239-244
Descriptor: drought * climatology * water balance * climatic zones * aridity index * evapotranspiration * history * agroclimatology * environmental variability
- 3355 *Subrahmanyam, V.P.; Subramaniam, A.R*
SOME CHARACTERISTICS AND FREQUENCIES OF OCCURRENCE OF DROUGHTS IN THE DRY CLIMATIC ZONES OF INDIA
Lang.: eng. 1965. **Series title:** International Association of Scientific Hydrology Bulletin. Vol.10(3):p.31-37
Descriptor: drought * climatic zones * water balance * aridity index * environmental variability * climatology
- 3356 *Subrahmanyam, V.P*
WATER BALANCE APPROACH TO THE STUDY OF ARIDITY AND DROUGHTS WITH SPECIAL REFERENCE TO INDIA
Lang.: eng. 1985. **Series title:** IAHS Publication. No.148:p.125-135. Note: Summary language: French; (In) New Approaches in Water Balance Computations by A. Van der Beken and A. Herrmann (eds.)
Descriptor: water balance computations * soil water regimes * drought * meteorology * drought
Geographical descriptor: India
- 3357 *Sud, Y.C.; Smith, W.E*
THE INFLUENCE OF SURFACE ROUGHNESS OF DESERTS ON THE JULY CIRCULATION: A NUMERICAL STUDY
Lang.: eng. Sep. 1985. **Series title:** Boundary-Layer Meteorology. Vol.33(1):p.15-50
Descriptor: surface roughness * deserts * meteorology * land surface
- 3358 *Sudakova, L.A.; Burakovskaya, U.A.; Amirastanov, K.Z*
TEORETICHESKIYE OSNOVY I METODY FITOMELIORATSII PUSTYNNYKH PASTBISHCH YUGO-ZAPADNOGOKYZLKUM (Theoretical Foundation and Methods for Phytoreclamation of Desert Pastures in the Southwest Kyzylkum)
Lang.: rus. Tashkent, Uzbek SSR: Fan. 1973. 146p
Descriptor: revegetation * deserts * pastures * meteorology * plant ecology * plant development * fodder plants * sandy soils * furrows * tillage * wormwood
Geographical descriptor: Kyzylkum Desert * Uzbek SSR * Kazakh SSR * USSR
- 3359 *Sudan. Anglo-Egyptian Southern Development Investigation Team*
NATURAL RESOURCES AND DEVELOPMENT POTENTIAL IN THE SOUTHERN PROVINCES OF THE SUDAN
Lang.: eng. Khartoum, Sudan: Government Press. 1954. 2 Vols
Descriptor: natural resources development * land development * agricultural development * arid land
Geographical descriptor: Sudan * Southern Sudan * Africa

- 3360 *Sudan. Anglo-Egyptian Southern Development Investigation Team*
OUTLINE OF THE DEVELOPMENT POTENTIAL OF THE SOUTHERN SUDAN
 Lang.: eng. Khartoum, Sudan: Government Press. 1955. 41p
Descriptor: natural resources development * arid land * land development * agricultural development
Geographical descriptor: Sudan * Southern Sudan * Africa
- 3361 *Sudan. Ministry of Agriculture. Food and Natural Resources*
DESERT ENCROACHMENT CONTROL AND REHABILITATION PROGRAMME: DEMOCRATIC REPUBLIC OF THE SUDAN
 Lang.: eng. Khartoum, Sudan: Ministry of Agriculture. Food and Natural Resources. 1976. viii, 181p. Note: Contents: pt. II. Proposed action programme, strategies, organization structure and projects
Descriptor: environmental impact * rangelands * livestock * technology * agricultural production * water resources * water management * forests * sand control * nature protection * environmental law
Geographical descriptor: Sudan * Africa
- 3362 *Sudan. Ministry of Agriculture. Food and Natural Resources. General Administration for Natural Resources*
DESERT ENCROACHMENT CONTROL PROJECT PROPOSED BY SUDAN GOVERNMENT, 1975-1980
 Lang.: eng. Khartoum, Sudan: National Council for Research. 1974. iii, 68p
Descriptor: desertification control * erosion control * environmental impact * geology * geomorphology * climate * land management * water supply * rangelands
Geographical descriptor: Sudan * Africa
- 3363 *Sugiyama, T*
CHANGE OF WATER LEVEL AND CONDITION OF ECOLOGY IN THE ARID AREA BY PLANTATION
 Meeting or Conf.: Rangelands: A Resource Under Siege, Adelaide, Australia, May 13, 1984, Proceedings of the 2nd International Rangeland Congress
 Lang.: eng. Canberra, ACT, Australia: Australian Academy of Science. 1986. 69p
Descriptor: agroforestry * Triticum * Oryza * potatoes * soil conservation * remote sensing * farming systems * forestry practices * afforestation * soil water regimes * triticum * conferences
Geographical descriptor: Punjab * India
- 3364 *Sugiyama, T*
THE PLAN OF OPERATION WORK FOR A PILOT PROJECT ON THE DESERTIFICATION PROBLEM AND ITS SOLUTION ON PUNJAB STATE'S AREA IN INDIA
 Lang.: eng. Chuoku Fukuoka, Japan: International Culture Welfare Association (I.C.W.A.). 1977. 67p
Descriptor: water resources * soil classification * irrigation * rangelands * climate * demography * soil degradation
Geographical descriptor: India * Punjab * Japan
- 3365 *Sukhanov, P.A*
ARIDIZATION FACTOR IMPACT ON JEBEL AL AKHDAR UPLAND RENDZINAS
 Lang.: rus. 1981. **Series title:** Problemy Osvoeniya Pustyn. 1981(2):p.61-68. Note: Summary in English
Descriptor: soil types * rendzinas * physico-chemical properties of soils
Geographical descriptor: Libya * Jebel al Akhdar * Africa
- 3366 *Sukhanov, P.A*
EDAPHIC CONDITIONS OF PINUS-HALEPENSIS GROWTH ON RED RENDZINAS IN THE DESERTIFICATION ZONE JEBEL-AL-AKHDAR, LIBYA
 Lang.: rus. 1981. **Series title:** Problemy Osvoeniya Pustyn. Vol.0(2):p.77-82
Descriptor: Pinus halepensis * growth * red soils * rendzinas * desertification
Geographical descriptor: Jebel Al Akhdar * Libya * Africa
- 3367 *Sukhanov, P.A*
INVESTIGATIONS OF THE EDAPHIC CONDITIONS OF GROWTH OF PINUS HALEPENSIS ON RED RENDZINAS IN THE ZONE OF DESERTIFICATION OF THE JABAL AL AKHDAR UPLAND
 Lang.: eng. 1981. **Series title:** Problems of Desert Development. No.2:p.77-82. Note: Translated from: Problemy Osvoeniya Pustyn (1981, No.2:p.83-88)
Descriptor: Pinus halepensis * soil types * rendzinas * plantations * site class assessment * red soils * afforestation
Geographical descriptor: Libya * Africa
- 3368 *Suliman, M.M*
DYNAMICS OF RANGE PLANTS AND DESERTIFICATION MONITORING IN THE SUDAN
 Lang.: eng. 1988. **Series title:** Desertification Control Bulletin. No.16:p.27-31
Descriptor: desertification * monitoring * rangelands * range plants * plant ecology
Geographical descriptor: Sudan * Africa
- 3369 *Sun, M*
CHINA FACES ENVIRONMENTAL CHALLENGE
 Lang.: eng. 1983. **Series title:** Science. Vol.221(4617):p.1271-1272. ISSN 0036-8075
Descriptor: environment * desertification
Geographical descriptor: China
- 3370 *Sun, X*
ON PALEOENVIRONMENTAL EVOLUTION DURING THE LATEST PLEISTOCENE IN WEINAN AREA, NORTHWEST CHINA
 Lang.: eng. 1987. 50p. Note: (In) Abstracts of Conference on the Palaeoenvironment of East Asia from the Mid-Tertiary
Descriptor: paleoecology * evolution * Pleistocene epoch
Geographical descriptor: Weinan area * China
- 3371 *Sus, N.I*
NEKOTORYE SVEDENIYA OB OSVOENII PESKOV (Some Information on the Reclamation of Sands)
 Lang.: rus. 1958. **Series title:** Vestnik sel'skokhozyaistvennoy Nauki. Vol.10:p.66-72. Note: Referativnyi Zhurnal. Biologiya, 1960, No.44397
Descriptor: sand * loam soils * sand control * afforestation * revegetation
Geographical descriptor: Central Asia * USSR
- 3372 *Svetlitshev, N.M*
70-YEAR EXPERIENCE IN THE DEVELOPMENT OF THE TEREK-KUMA SANDS
 Lang.: rus. 1969. **Series title:** Novochoerkasskogo Inzh.-Meliorativnogdnstituta. Trudy. Vol.2(5):p.117-123
Descriptor: sandy soils * sand * soil improvement * soil development * soil management * soil structure
Geographical descriptor: Terek Kuma Sands * USSR
- 3373 *Svintsov, I.P*
PODVIZHNYE PESKI ZAPADNOY CHASTI NIZMENNYKH KARAKUMOV I IKH FITOMELIORATSIYA (Shifting Sands in the Western Parts of the Low Karakums and Their Phytoreclamation)
 Lang.: rus. Ashkhabad, Turkmen SSR: Turkmen SSR Academy of Sciences. 1968. 20p. Note: (Candidate dissertation summary)
Descriptor: sand * sand control * revegetation * deserts
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR
- 3374 *Svintsov, I.P*
PROTECTION OF HIGHWAYS FROM SAND DRIFTS IN THE KARAKUMS
 Lang.: rus. 1972. **Series title:** Avtomobil'nyye Dorogi. Vol.12:p.18-20
Descriptor: roads * sand control
Geographical descriptor: Karakum Desert * Turkmen SSR * USSR

- 3375 *Swanberg, K.G.; Hogan, E.*
IMPLICATIONS OF THE DROUGHT SYNDROME FOR AGRICULTURAL PLANNING IN EAST AFRICA: THE CASE FOR TANZANIA
 Lang.: eng. 1981. **Series title:** Harvard University. Harvard Institute for International Development. Development Discussion Papers. Vol.120:49p
Descriptor: drought syndrome * drought
Geographical descriptor: Tanzania * Africa
- 3376 *Swift, J*
DISASTER AND A SAHELIAN NOMAD ECONOMY
 Lang.: eng. London: University of London. Centre for African Studies. 1973. p.71-78. Note: (In) Drought in Africa by D. Dalby and R.J. Harrison Church (eds.)
Descriptor: nomads * drought * land use * livestock * grazing * rainfall * rainfall reliability * goats * sheep * cattle * ecology * migration * adaptation * ethnology * political aspects * social aspects * pastoralism
Geographical descriptor: Sahel * Africa
- 3377 *Swift, J*
PASTORAL DEVELOPMENT IN SOMALIA: HERDING COOPERATIVES AS A STRATEGY AGAINST DESERTIFICATION AND FAMINE
 Lang.: eng. Boulder, CO: Westview Press. 1977. p.275-305. Note: (In) Desertification: Environmental Degradation in and Around Arid Lands by M.H. Glantz (ed.), 346p
Descriptor: pastoralism * desertification * food supply * social organization
Geographical descriptor: Somalia * Africa
- 3378 *Symoens, J.J.; Burgis, M.; Gaudet, J.J*
THE ECOLOGY AND UTILIZATION OF AFRICAN INLAND WATERS
 Meeting or Conf.: SIL-UNEP Workshop on African Limnology (Inland Waters: Their Ecology and Utilization), Nairobi
 Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1981. **Series title:** UNEP Reports and Proceedings Series. No.1. viii, 191p. Note: Issued also in French
Descriptor: water resources * saline water * water pollution * environmental impact
Geographical descriptor: Africa
- 3379 *Synnott, T.J*
A REPORT ON PROSPECTS, PROBLEMS AND PROPOSALS FOR TREE PLANTING
 Lang.: eng. 41p. Note: Unpublished report by UNESCO/UNEP, Oxford, May, 1979. Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: tree planting * deforestation * tree nurseries * afforestation * fuelwood
Geographical descriptor: Africa * Kenya
- 3380 *Tadmor, N.H.; Evenari, M.; Shanani, L.*
RUNOFF IN THE DESERT 4: Survival Yields of Perennial Range Plants. 5: Persistence and Yields of Annual Range Species
 Lang.: eng. 1970-1971. **Series title:** Agronomy Journal. Vol.62:p.695-699; Vol.63:p.91-95
Descriptor: runoff farming * plants * rangelands * water harvesting * surface runoff * survival * drought tolerance * soil moisture * rainfall * forage production
Geographical descriptor: Israel * Negev * Middle East
- 3381 *Tadmor, N.H.; Shanani, L.*
RUNOFF INDUCEMENT IN AN ARID REGION BY REMOVAL OF VEGETATION
 Lang.: eng. 1969. **Series title:** Soil Science Society of America. Proceedings. Vol.33:p.790-794
Descriptor: runoff * water harvesting * rainfall runoff relationships * plant cover * infiltration * loess * interception
Geographical descriptor: Israel * Negev * Middle East
- 3382 *Tadros, H.R*
THE DESIGN OF RURAL RESETTLEMENT IN DRY LANDS: LESSONS FROM A PROGRAMME IN EGYPT DESERT RECLAMATION
 Lang.: eng. 1982. p.123-136, 363-379. ISBN 0126580502. Note: (In) Desertification and Development: Dryland Ecology in Social Perspective, by B. Spooner and H.S. Mann (eds.)
Descriptor: desertification * development * rural resettlement * arid land * land reclamation
Geographical descriptor: Egypt * Africa
- 3383 *Tag El Din, S.S*
SOME ASPECTS OF SAND STABILIZATION IN EGYPT
 Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1986. p.118-126. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.)
Descriptor: deserts * dunes * revegetation plants * afforestation * economic plants * forestry practices * geomorphology * shelterbelts * vegetation
Geographical descriptor: Egypt * North Africa * Middle East * Africa
- 3384 *Taha, M.F*
CLIMATE AND METEOROLOGY IN AFRICA: AFRICA NORTH OF THE TROPIC OF CANCER
 Lang.: eng. Paris: UNESCO. 1963. **Series title:** Natural Resources Research. Vol.1:p.153-164. Note: (In) A Review of the Natural Resources of the African Continent
Descriptor: climatology * political aspects * meteorology * agroclimatology
Geographical descriptor: North Africa * Africa
- 3385 *Tainton, N.M*
AN ANALYSIS OF THE OBJECTIVES OF RESTING GRASSVELD
 Lang.: eng. 1971. **Series title:** Grassland Society of South Africa. Proceedings. Vol.6:p.50-54
Descriptor: grasses * veld
Geographical descriptor: South Africa * Africa
- 3386 *Takahashi, K*
WORLD-WIDE WEATHER
 Lang.: eng. Rotterdam: A.A. Balkema. 1985. xv, 252p. Note: Translated from: Japanese. Translation of: Seikai no Kisho. Translator: Norohiko Uchida
Descriptor: climate * natural resources * solar energy * water resources * drought * rainfall * deserts
- 3387 *Takamura, H.; Kadomura, H.; Ohmori, H*
SYMPOSIUM 1: GEOGRAPHICAL ASPECTS OF DESERTIFICATION
 Lang.: jap. 1987. **Series title:** Geographica Review of Japan. Vol.60(2):p.93-108
Descriptor: desertification * geography
- 3388 *Talbot, L.M*
ECOLOGICAL ASPECTS OF AID PROGRAMS IN EAST AFRICA, WITH PARTICULAR REFERENCE TO RANGELANDS
 Meeting or Conf.: Ecology and the Less Developed Countries, April 1971, Stockholm, Proceedings
 Lang.: eng. 1971. **Series title:** Swedish Ecological Research Committee Bulletin. Vol.13:p.21-51
Descriptor: aid * rangelands * range management * environmental impact * ecology * land resources * water resources * water management * economics * wildlife * land use planning * topography * climate * humans * vegetation * livestock * bibliographies
Geographical descriptor: East Africa * Africa
- 3389 *Talbot, M.R.; Williams, M.J*
DUNE EROSION AND ALLUVIAL FAN FORMATION AT JANJARI, CENTRAL NIGER
 Lang.: eng. 1978. **Series title:** Earth Surface Processes (Journal of the British Geomorphological Research Group). Vol.3(2):p.107-113
Descriptor: dunes * erosion * alluvial land
Geographical descriptor: Niger * Africa

- 3390 *Talbot, W.J*
LAND UTILIZATION IN THE ARID REGIONS OF SOUTHERN AFRICA: South Africa
Lang.: eng. Paris: UNESCO. 1961. **Serialtitle: Arid Zone Research.** Vol.17:p.299-331
Descriptor: soil erosion * plant invaders * desiccation * veld * livestock * vegetation * overgrazing * carrying capacity * pastures * fodder * sheep * soil moisture * grasses * agriculture * land use * wildlife management
Geographical descriptor: Karroo * South Africa * Africa
- 3391 *Tallarico, L.A.; et al*
MAPA DE EROSION DE LOS SUELOS DE LA REGION PAMPEANA 2. CONTRIBUCION:PARTIDO DE VILLARINO(Erosion Map of Soils in the Pampa Region. 2:Villarino County)
Lang.: spa. 1956. **Series title: Idia (Buenos Aires).** Vol.99:p.5-12
Descriptor: soil erosion * topography * plains * wind erosion
Geographical descriptor: Argentina * Pampa Region * South America
- 3392 *Tamimi, S.A.; Younis, M.A*
EFFECT OF CCCAND IRRIGATION ON WHEAT YIELDS IN IRAQ
Lang.: eng. 1972. **Series title: World Crops.** Vol.24(6):p.310-311
Descriptor: irrigation * Triticum * soil salinity * plant growth regulators * drought tolerance
Geographical descriptor: Iraq * Middle East
- 3393 *Tan, K*
AGRICULTURAL PROBLEMS IN SOUTHERN ARABIA
Lang.: eng. 1970. **Serialtitle: World Crops.** Vol.22:p.397-400
Descriptor: agriculture * deserts
Geographical descriptor: South Arabia * Arabian Desert * Middle East
- 3394 *Tanaka, M.; et al*
RECENT AFRICAN RAINFALL PATTERNS
Lang.: eng. 1975. **Serialtitle: Nature.** Vol.255(5505):p.201-203
Descriptor: atmospheric precipitation * analytical methods * drought * environmental variability * weather patterns
Geographical descriptor: Sahel * Africa
- 3395 *Tanco, A.R.; Wirtz, J.; Volrer, M.; et al*
MENSCHEN ERNAHREN UND UMWELT SCHUTZEN(Feeding Mankind and Protecting the Environment)
Lang.: ger. 1980. **Series title: Entwicklung und Zusammenarbeit.** Vol.10:p.8-10
Descriptor: agricultural development * technology transfers * environmental policy * developing countries
- 3396 *Tang, H.K*
RELATIONSHIP BETWEEN DISTRIBUTION OF VEGETATION AND GROUND WATER IN ARID AND SEMI-ARID AREAS OF CHINA
Lang.: chi. 1961. **Serialtitle: Tu Jang.** Vol.7:p.34-38
Descriptor: vegetal relationships * plant cover * groundwater * water table * dunes * distribution patterns
Geographical descriptor: Sinkiang * Mongolia * Gobi Desert * China
- 3397 *Tannehill, I.R*
DROUGHT, ITS CAUSES AND EFFECTS
Lang.: eng. Princeton, NJ: Princeton University Press. 1947
Descriptor: drought * atmospheric precipitation * rainfall * meteorology * climatology
- 3398 *Tanzania. Ministry of Agriculture and Livestock Development. Planning and Marketing Division*
PROPOSALS FOR NATIONAL DROUGHT RESISTANT CEREALS STRATEGY.V.1: Executive Summary and Sector Review. V.2: Strategy Recommendations
Lang.: eng. Tanzania. Ministry of Agriculture and Livestock Development. Planning and Marketing Division. Dec. 1986. 2 vol
Descriptor: pennisetum typhoides * sorghum * sectoral planning * drought resistance
Geographical descriptor: Tanzania * Africa
- 3399 *Tase, N.; Yevjevich, V*
EFFECTS OF SIZE AND SHAPE OF A REGION ON DROUGHT COVERAGE
Lang.: eng. 1978. **Serialtitle: Hydrological Science Bulletin.** Vol.23(2):p.203-212
Descriptor: drought * regional surveys * climatic models * depth area duration analysis * statistical analysis * rainfall
Geographical descriptor: Great Plains * USA
- 3400 *Tavakoli, E*
COMBATING DESERTIFICATION AROUND IRAN'S SALT DESERT
Lang.: eng. 1982. **Series title: Desertification control.** No.6:p.10-13
Descriptor: reclamation * land types * deserts
Geographical descriptor: Iran * Middle East * Persian Gulf
- 3401 *Taylor, G*
THE FRONTIERS OF SETTLEMENT IN AUSTRALIA
Lang.: eng. 1926. **Series title: Geographical Review.** Vol.16(1):p.1-25
Descriptor: history * settlements
- 3402 *Taylor, G.C*
WATER, HISTORY, AND THE INDUS PLAIN
Lang.: eng. 1965. **Series title: Natural History.** Vol.74(5):p.40-49
Descriptor: history * water resources * plains
Geographical descriptor: Indus Basin * Pakistan
- 3403 *Teakle, L.J.H.; Burvill, G.H*
THE MANAGEMENT OF SALT LANDS IN WESTERN AUSTRALIA
Lang.: eng. 1945. **Serialtitle: Western Australia Department of Agriculture Journal.** Vol.22(2):p.87-93
Descriptor: saline soils * land management
Geographical descriptor: Western Australia * Australia
- 3404 *Tellier, L.N*
DEMOGRAPHIC GROWTH AND FOOD PRODUCTION IN DEVELOPING COUNTRIES: A NON-LINEAR MODEL
Lang.: eng. 1986. **Serialtitle: Ekistics.** Vol.52(313):p.383-388
Descriptor: population growth * trends * developing countries * food production
Geographical descriptor: Niger * Senegal * Sahel * Africa
- 3405 *Temple, P.H*
MEASUREMENTS OF RUNOFF AND SOIL EROSION AT AN EROSION PLOT SCALE, WITH PARTICULAR REFERENCE TO TANZANIA
Lang.: eng. 1972. **Serialtitle: Geografiska Annaler.** Vol.45A. p.203. Note: (In) Studies of Soil Erosion and Sedimentation in Tanzania by A. Rapp, L. Berry, and P.H. Temple (eds.)
Descriptor: soil erosion * sedimentation * runoff * land use * sampling
Geographical descriptor: Tanzania * Africa
- 3406 *Temu, A.B.; Weaver, G.H*
FORESTRY, DOMESTIC ENERGY AND ENVIRONMENT IN TANZANIA
Lang.: eng. Mar. 1986. **Serialtitle: Resource Management and Optimization.** Vol.3(4):p.319(7)
Descriptor: forestry * energy use * energy * environmental impact
Geographical descriptor: Tanzania * Africa

- 3407 *Temu, A.B. (ed.); Philip, M.S. (ed.)*
SUMMARY OF THE PROCEEDINGS OF AN INTERNATIONAL WORKSHOP ON PLANNING FORESTRY FOR COMMUNITY DEVELOPMENT
 Meeting or Conf.: International Workshop on Planning Forestry for Community Development, Arusha.
 Lang.: eng. Morogoro, Tanzania: Faculty of Agriculture, Forestry and Veterinary Science. 1981. **Serial title: Record.** No.20. 35p
Descriptor: forests * forest products * forest resources * economic development * rural development * agroforestry * afforestation
Geographical descriptor: Tanzania * Uganda * Zambia * Kenya * Sudan * Korea
- 3408 *Tennakoon, M.U.A*
DESERTIFICATION IN THE DRY ZONE OF SRI LANKA
 Lang.: eng. South Australia: Flinders University. 1980. ISBN 92-808-0190-2. Note: (In) Perception of Desertification by R.L. Heathcote (ed.)
Descriptor: desertification * arid land
Geographical descriptor: Sri Lanka
- 3409 *Tennakoon, M.U.A*
DESERTIFICATION IN THE DRY ZONE OF SRI LANKA
 Lang.: eng. 1975. No.10:p.4-22. Note: In: Perception of Desertification
Descriptor: deserts * drainage * irrigation * rainfall
Geographical descriptor: Sri Lanka
- 3410 *Tennakoon, M.U.A*
PROSPECTS OF DESERTIFICATION IN SRI LANKA (SHIFTING CULTIVATION)
 Lang.: eng. Colombo, Sri Lanka. 1982. 14p. Note: Symposium on Tropical Agriculture, Colombo, Sri Lanka, 5-10 Jul 1982
Descriptor: shifting cultivation * desertification * semiarid lands * soils * rainfall * climatic zones * cropping systems * environmental factors * natural disasters * precipitation * site factors
Geographical descriptor: Sri Lanka
- 3411 *Terekhov, V.I.; Kurochkina, L.Y.; Makulbekova, G.B*
METHOD FOR THE ECOLOGICAL PROGNOSIS OF DESERTIFICATION (AS EXEMPLIFIED BY TURAN)
 Lang.: eng. 1985. **Serial title: The Soviet Journal of Ecology.** Vol.16(1):p.7
Descriptor: desertification * forecasting * ecology * deserts
Geographical descriptor: Turan Valley * Uzbek SSR * Kazakh SSR * USSR
- 3412 *Teiley, E.A*
A DECISION ANALYSIS FOR A COMPREHENSIVE OPERATIONAL SAHELIAN MODEL OF OPPORTUNITY (COSMO): AN EDUCATIONAL POLICY MODEL FOR DEVELOPING HUMAN RESOURCES IN THE SAHEL REGIONS
 Lang.: eng. 1982. **Series title: Dissertation Abstracts International, Part A.** Vol.43(6):p.1754. Note: ABSTRACT ONLY (Dissertation, Florida State University, 1982, 204p.)
Descriptor: education * farming systems
Geographical descriptor: Sahel * Africa
- 3413 *Tewari, A.K*
AGRICULTURAL LAND USE IN THE ARID TRACT OF RAJASTHAN
 Meeting or Conf.: International Geographical Congress, 21st, Delhi, 1968, Proceedings
 Lang.: eng. 1968. p.24-31
Descriptor: agriculture * land use * topography * nomads * agroclimatology * pastoralism
Geographical descriptor: Rajasthan * India
- 3414 *Thacher, P.S*
SPACETECHNOLOGY AND RESOURCE MANAGEMENT
 Lang.: eng. Summer 1985. **Serial title: Journal of International Affairs.** Vol.39:p.151-166. ISSN 0022-197X
Descriptor: satellites * earth observations * environmental monitoring * resource management * technology assessment * agriculture * drought * geographic information systems * international cooperation * meteorological satellites * United Nations
Geographical descriptor: Africa
- 3415 *Thalen, D.C.P*
AN APPROACH TO EVALUATING TECHNIQUES FOR VEGETATION SURVEYS ON ARID RANGELANDS
 Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1981. **Serial title: ILCA Monograph.** No.4:p.85-87. Note: (In) Low-level Aerial Survey Techniques
Descriptor: rangelands * land surveys * remote sensing
Geographical descriptor: Africa
- 3416 *Thalen, D.C.P*
PROZESSE DER DESERTIFIKATION UND PROBLEME DES WUSTENABGRENZUNG: EIN VERGLEICH DES NAGEN OSTENS (IRAK) MIT DEM SUDLICHEN AFRIKA (BOTSWANA) (Processes of Desertification and Problems of Desert Delimitation: A Comparison of the Near East (Iraq) with Southern Africa Botswana)
 Lang.: ger. 1980. **Serial title: Geomethodica, Veröffentlichungen des Basler Geomethodische Kolloquiums.** Vol.5:p.43-80
Descriptor: desertification * desertline * deserts
Geographical descriptor: Iraq * Botswana * Africa
- 3417 *Thatcher, I.; Rubin, M.; Brown, G*
DATING DESERT GROUNDWATER
 Lang.: eng. 1961. **Serial title: Science.** Vol.134:p.105
Descriptor: groundwater * rainfall * radiocarbon dating * hydrology * deserts
Geographical descriptor: Arabian Desert * Middle East
- 3418 *Thenevin, P.; Risopoulos, S.A*
EMASAR PHASE II: VOLUME II. LES PAYS SAHELIENS: EDUCATION ET FORMATION DANS LE DOMAIN PASTORAL
 Lang.: fre. Rome, Italy: Food and Agriculture Organization. 1977. 211p
Descriptor: pastoralism * nomads * grazing * rangelands * land management
Geographical descriptor: Sahel * Africa
- 3419 *Thimm, H.U*
SOCIO-ECONOMIC ASSESSMENT OF AGRICULTURAL DEVELOPMENT PROJECTS IN THE SUDAN
 Lang.: eng. Tokyo: United Nations University. 1979. p.71-75. Note: (In) Khartoum Workshop on Arid Lands Management, Proceedings by J.A. Mabbutt (ed.), 97p
Descriptor: social aspects * economic development * irrigation programs * agriculture * dry farming * development * planning * extension * government policy
Geographical descriptor: Sudan * Africa
- 3420 *Thomas, G.W*
LIVESTOCK PRODUCTION IN SUB-SAHARAN AFRICA: PASTORALISTS CAUGHT IN A FRAGILE ENVIRONMENT
 Lang.: eng. Boulder, CO: Westview Press. 1984. **Serial title: SheepGoat Handbook.** Vol.4:p.215-218
Descriptor: livestock production * pastoralism * environmental impact * handbooks
Geographical descriptor: Sahara * Africa
- 3421 *Thomas, G.W*
SAHELIAN/SUDANIAN ZONES OF AFRICA: PROFILE OF A FRAGILE ENVIRONMENT
 Lang.: eng. Washington, D.C.: Agency for International Development. Jan. 1981. 151p
Descriptor: food production * agriculture * water * energy * land use * vegetation * ecology * rainfall * starvation * livestock * population growth * education
Geographical descriptor: Africa

- 3422 *Thomas, H.E.; et al*
DROUGHT IN THE SOUTHWEST, 1942-1956
 Lang.: eng. 1963. **Series title:** U.S. Geological Survey Professional Paper. 372
Descriptor: drought * meteorological data * arid land * arid climate * semiarid climate * water shortage * hydrology * water sources
Geographical descriptor: Southwestern U.S
- 3423 *Thompson, B.W*
THE CLIMATE OF AFRICA
 Lang.: eng. Nairobi, Kenya: Oxford University Press. 1965. 132p
Descriptor: climate * climatology
Geographical descriptor: Africa
- 3424 *Thompson, K*
RIPARIAN FORESTS OF THE SACRAMENTO VALLEY, CALIFORNIA
 Lang.: eng. 1961. **Series title:** Association of American Geographers Annals. Vol.51:p.294-315
Descriptor: riparian ecosystems * Quercus * fire effects * saturated soils * erosion control * bank erosion * gully erosion * windbreaks * evaporation * wildlife habitats * history * phreatophytes
Geographical descriptor: California * Sacramento Valley
- 3425 *Thornthwaite, C.W.; et al*
CLIMATE AND ACCELERATED EROSION IN THE ARID AND SEMI-ARID SOUTHWEST, WITH SPECIAL REFERENCE TO THE POLACCAWASH DRAINAGE BASIN, ARIZONA
 Lang.: eng. 1942. **Series title:** U.S. Department of Agriculture Technical Bulletin. 808. 134p
Descriptor: climate * erosion * range management * cycles of erosion concept * erosion control * land management * plant cover * vegetation effects * watershed management * arid climate * regional surveys * climatic geomorphology * climatic vegetal relationships * drought * history * geology * reclamation * revegetation * weather patterns
Geographical descriptor: Southwestern U.S
- 3426 *Thornthwaite, C.W.; Mather, J.R.; Carter, D.B*
THREE WATER BALANCE MAPS OF SOUTHWEST ASIA
 Lang.: eng. Philadelphia, PA: Drexel Institute of Technology. Laboratory of Climatology. 1958. **Series title:** Drexel Institute of Technology. Laboratory of Climatology. Publications in Climatology (Philadelphia). Vol.11(1). 57p
Descriptor: water balance * hydrology maps
Geographical descriptor: Middle East
- 3427 *Tidmarsh, C.E.M*
BIOCLIMATOLOGY WITH SPECIAL REFERENCE TO AGRICULTURE
 Lang.: eng. 1968. **Series title:** South African Journal of Science. Vol.64:p.456-459
Descriptor: climate * bioclimatology * agrometeorology * planting management
Geographical descriptor: South Africa * Africa
- 3428 *Tidmarsh, C.E.M*
CLIMATE AND GRASS
 Meeting or Conf.: Southern Africa Grass Conference, 1952, Pretoria
 Lang.: eng. Johannesburg: National Veld Trust. 1952. p.15-21. Note: (In) Veld Gold: Southern Africa Grass Conference, 1952, Pretoria
Descriptor: climatic change * vegetation * grasses * veld * trees * conservation * dessication * desertification * climatic vegetal relationships
Geographical descriptor: South Africa * Africa
- 3429 *Tidmarsh, C.E.M*
PASTURE RESEARCH IN SOUTH AFRICA
 Lang.: eng. 1966. **Series title:** Grassland Society of South Africa. Proceedings. Vol.1:p.21-26
Descriptor: pastures * grazing * plant ecology * veld * irrigation * soil conservation
Geographical descriptor: South Africa * Africa
- 3430 *Tihay, J.P*
A PROPOS DES PLUIES CATASTROPHIQUES DE L'AUTOMNE 1969(ALGERIE)
 Lang.: fre. Societe d'Histoire Naturelle de l'Afrique du Nord. 1972. **Series title:** Societe d'Histoire Naturelle de l'Afrique du Nord. Bulletin. Vol.63(3-4):p.33-48
Descriptor: storms * rainfall intensity * fronts * meteorology * storm runoff * cloudbursts
Geographical descriptor: Tunisia * Algeria * Africa
- 3431 *Timberlake, L.; Wijkman, A*
IS THE AFRICAN DROUGHT AN ACT OF GOD OR OF MAN?
 Lang.: eng. 1985. **Series title:** The Ecologist. Vol.15(1-2):p.9
Descriptor: drought * man ecology
Geographical descriptor: Africa
- 3432 *Timberlake, L*
MISUSE OF LAND, MISUSE OF WATER (AFRICA IN CRISIS)
 Lang.: eng. 1985. **Series title:** Earthscan Report. p.59(28)
Descriptor: desertification * pollution * land use * water
- 3433 *Timofeev, B.V.; Dembele, A.D.; Danioko, A*
ON THE FERTILITY OF FERRALLITIC CONCRETIONARY DEGRADED SOILS OF AFRICAN SAVANNA MALI
 Lang.: rus. 1987. **Series title:** Pochvovedenie No.7:p.25-30
Descriptor: soil fertility * ferrasols * soil degradation * savannas * soils
Geographical descriptor: Mali * Africa
- 3434 *Timpson, M.E.; Richardson, J.L*
IONIC COMPOSITION AND DISTRIBUTION IN SALINE SEEPS OF SOUTHWESTERN NORTH DAKOTA, USA
 Lang.: eng. 1986. **Series title:** Geoderma. Vol.37(4):p.295-305
Descriptor: salinity * seepage * saline water * analysis * anions * cations * soil water movement * soil water categories * composition * saline seeps * land types
Geographical descriptor: North Dakota
- 3435 *Tinker, J*
AFRICA: THE ENVIRONMENTAL FACTOR
 Lang.: eng. Spring 1985. **Series title:** Earthscan. Vol.4(2):p.32(4)
Descriptor: environmental assessment
Geographical descriptor: Africa
- 3436 *Tinker, J.; Tolba, M.; Muntingh, H*
DOSSIER: ENVIRONMENT AND DEVELOPMENT
 Lang.: eng. 1984. **Series title:** Courier-ACP-EEC. No.87:p.50-86
Descriptor: environmental development * development policy * developing countries
Geographical descriptor: Africa * Caribbean * Pacific Region
- 3437 *Tinker, J*
SUDAN CHALLENGES THE SAND-DRAGON
 Lang.: eng. 1977. **Series title:** New Scientist. Vol.73:p.448-450
Descriptor: desertification * productivity * shelterbelts * planning * soil stabilization * dunes * crop production * Acacia senegal
Geographical descriptor: Sudan * Kordofan * Africa
- 3438 *Tixeront, J*
RELATIONS DES FLUCTUATIONS CLIMATIQUES AVEC L'HYDROLOGIE, L'AGRICULTURE ET L'ACTIVITE HUMAINE EN AFRIQUE DU NORD
 Lang.: fre. Paris: UNESCO. 1963. **Series title:** Arid Zone Research. Vol.20:p.429-436
Descriptor: climatic vegetal relationships * humans * agriculture * climatic change * hydrology
Geographical descriptor: North Africa * Africa

- 3439 *Tixier, P*
FORETS TROPICALES ET BIOCLIMATS: LA VALEUR DES BARRAGES FORESTIERS PREDESERTIQUES (Tropical Forests and Bioclimates: the Value of Predesertic Forest Plantations)
Lang.: fr. Paris, France: Cryptogamie. 1986. **Series title:** C.R. Seance Social Biogeography. Vol.62(4):p.133-145
Descriptor: forests * bioclimatology * tropics * predesertic forest plantations
- 3440 *Todd, C.J.; James, R.C*
EXPERIMENTS IN DROUGHT ALLEVIATION
Lang.: eng. 1972. **Series title:** American Water Works Association Journal. Vol.64(9):p.582-584
Descriptor: weather modification * cloud seeding * drought * artificial precipitation * law * atmospheric precipitation * summer precipitation * winter precipitation
Geographical descriptor: Southwestern U.S
- 3441 *Todorov, A.V.; Steyaert, L.T*
AGROCLIMATIC CONDITIONS AND ASSESSMENT METHODS FOR DROUGHT / FOOD SHORTAGES IN SUBEQUATORIAL AFRICA
Lang.: eng. Dec. 1983. 276p
Descriptor: agroclimatology * drought * food shortage * famine
Geographical descriptor: Africa * Horn of Africa
- 3442 *Todorov, A.V.; Achutuni, V.R.; Steyaert, L.T*
AGROCLIMATIC CONDITIONS AND ASSESSMENT METHODS FOR DROUGHT / FOOD SHORTAGES IN SUBEQUATORIAL AFRICA
Lang.: eng. Dec. 1983. 276p
Descriptor: agroclimatology * drought * food shortage * famine
Geographical descriptor: Africa * Subequatorial Africa
- 3443 *Todorov, A.V*
SAHEL: THE CHANGING RAINFALL REGIME AND THE NORMALS USED FOR ITS ASSESSMENT
Lang.: eng. 1985. **Series title:** Journal of Climate and Applied Meteorology. Vol.24(2):p.97-107
Descriptor: rainfall * environmental assessment
Geographical descriptor: Sahel * Africa
- 3444 *Tolba, M*
DESERTIFICATION, A COMMON PROBLEM OF MANKIND INCLUDES ENVIRONMENTAL PROTECTION
Meeting or Conf.: Conference on Desertification, Nairobi, 1977
Lang.: rus. 1978. **Series title:** Problemy Osvoeniya Pustyn. No.3::p.7-17. ISSN 0032-9428
Descriptor: environmental protection * United Nations
- 3445 *Tolba, M.K*
DESERTIFICATION CAN BE STOPPED
Lang.: eng. 1986. **Series title:** Problems of Desert Development. No.3:p.10-15. Note: Translated from: Problemy Osvoeniya Pustyn' (1985) no.13:p.10-15
Descriptor: desertification control
- 3446 *Tolba, M.K*
DESERTIFICATION IN AFRICA
Lang.: eng. 1986. **Series title:** Land Use Policy. Vol.3(4):p.260-268
Descriptor: desertification * land use
Geographical descriptor: Africa
- 3447 *Tolba, M.K*
DESERTIFICATION IS STOPPABLE
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Aug. 1984. **Series title:** Arid Lands Newsletter. Vol.21:p.2-7. ISSN 0277-9455
Descriptor: desertification control
- 3448 *Tolba, M.K*
DESERTIFICATION: A THREAT TO WORLD STABILITY
Lang.: eng. 1985. **Series title:** Environmental Professional. Vol.7(2):p.116-120
Descriptor: desertification * environmental impact * global strategy
- 3449 *Tolba, M.K*
DEVELOPMENT WITHOUT DESTRUCTION: EVOLVING ENVIRONMENTAL PERCEPTIONS: 1st ed
Lang.: eng. Dublin, Ireland: Tycooly International 1982. **Series title:** Natural Resource and the Environment Series. Vol.12. viii, 197p
Descriptor: environment * food production * economic development * rural development * renewable resources * energy
- 3450 *Tolba, M.K*
GUEST EDITORIAL: A HARVEST OF DUST?
Lang.: eng. 1984. **Series title:** Environmental Conservation. Vol.11(1):p.1
Descriptor: dust * drought
- 3451 *Tolba, M.K*
HARVEST OF DUST
Lang.: eng. UN Doc. no.: UNEP Report 84-5170. 1984. **Series title:** UNEP Report. Vol.7(No.84-5170)
Descriptor: dust * drought
- 3452 *Tolba, M.K*
INTENSIFYING ENVIRONMENTAL AWARENESS
Lang.: eng. 1987. **Series title:** Environmental Conservation. Vol.14(2):p.98
Descriptor: environmental protection * education
- 3453 *Tolba, M.K*
REMOTE SENSING IN THE GLOBAL MONITORING OF ENVIRONMENT
Lang.: eng. 1982. p.13-18. Note: (In) Remote Sensing of Arid and Semi-Arid Lands
Descriptor: remote sensing * global surveys * environmental monitoring
- 3454 *Tolba, M.K*
TEN YEARS AFTER UNCOD
Lang.: eng. 1987. **Series title:** Land Use Policy. Vol.4(4):p.363-370
Descriptor: UNCOD * desertification
- 3455 *Tolba, M.K*
THE UNITED NATIONS CONFERENCE ON DESERTIFICATION: A REVIEW
Lang.: eng. 1982. **Series title:** Mazingira. Vol.6(1):p.14-23
Descriptor: desertification * international cooperation
- 3456 *Tolba, M.K*
WHAT COULD BE DONE TO COMBAT DESERTIFICATION
Lang.: eng. Chur/London/New York: Harwood Academic Publishers. 1979. p.5-22. Note: (In) Advances in Desert and Arid Land Technology and Development, Vol.1, 618p. by A. Bishay and W.G. McGinnies, (eds.), 618p
Descriptor: desertification * planning * social aspects * settlements * monitoring * appropriate technology
Geographical descriptor: Sahel * Egypt * Africa
- 3457 *Tolba, M.K*
WORLD EVENTS IN THE CONTROL OF DESERTS, RESTORATION OF DEGRADED LANDS AND REFORESTATION
Lang.: eng. Oct. 1984. **Series title:** Desertification Control Bulletin. Vol.10(23)
Descriptor: deserts * desertification control * restoration * degraded land * reforestation
- 3458 *Torokhuu, I.M*
EXPERIMENT IN GROWING A PASTURE PROTECTION BLACK SAXAUL BELT IN ASTRAKHANSKAYA OBLAST
Lang.: rus. 1974. **Series title:** Byulleten' Vnialmi. Vol.14(68):p.29-31
Descriptor: Haloxylon ammodendron * pastures * shelterbelts
Geographical descriptor: Astrakhanskaya Oblast * USSR

- 3459 *Torquato, J.R.F.*
ORIGIN AND EVOLUTION OF MOCAMEDES DESERT, ANGOLA
 Meeting or Conf.: Conference on African Geology, 1st, University of Ibadan, Nigeria, 1970, Abstracts
 Lang.: eng. London, U.K.: Commonwealth Geological Liaison Office. 1971. p.26
Descriptor: desertification * coastal deserts * climatic geomorphology * geographical origin * deserts
Geographical descriptor: Angola * Mocamedes * Africa
- 3460 *Torre, A.J.C. de la; Guardado, S.S.; Sasser, B.J.*
MONITOREO DEL PROCESO DE DESERTIFICACION EN MEXICO A TRAVES DEL PROCESAMIENTO DIGITAL DE DATOS LANDSAT (Monitoring the Process of Desertification in Mexico by the Digital Processing of Landsat Data)
 Lang.: spa. Jul-Aug. 1983. **Series title:** Cienc For. Coyoacan. Instituto Nacional de Investigaciones Forestales. Vol.8(44):p.3-23
Descriptor: monitoring * desertification * digital data * Landsat * satellites
Geographical descriptor: Mexico
- 3461 *Toupet, C.*
L'EVOLUTION DE LA NOTION D'ESPACEDANS UN PAYS NOMADE DU TIERS-MONDE: L'EXEMPLE DE LA MAURITANIE
 Lang.: fre. Paris: Association de Geographes Francais. 1973. **Series title:** Association de Geographes Francais. Bulletin. Vol.50(410):p.595-605
Descriptor: nomads * social aspects * political aspects * river basins * settlements * pastoralism
Geographical descriptor: Mauritania * Sahara * Africa
- 3462 *Toupet, C.*
SIGNIFICATION DE LA RECENTE SECHERESSE QUI A SEVI DANS LE SAHEL (The Significance of the Recent Severe Drought in the Sahel)
 Lang.: fre. 1984. **Series title:** Societe Languedocienne de Geographie Bulletin. Vol.18(3-4):p.139-146
Descriptor: drought * environmental impact
Geographical descriptor: Sahel * Africa
- 3463 *Touret, Y.M.*
RELATIONSHIPS OF DROUGHT IN AFRICA TO ANOMALIES IN GLOBAL CIRCULATION
 Lang.: eng. Sep. 1985. 14p. Note: (In) WMO International Conference on the TOGA Scientific Program
Descriptor: atmospheric circulation * drought * ocean currents * air water interactions * monsoons * sea surface temperature
Geographical descriptor: Africa * Atlantic Ocean
- 3464 *Traore, A.*
LA CRISE ALIMENTAIRE EN AGRIQUE SUBSAHARIENNE: UNE CRISE STRUCTURELLE (Food Crisis in Sub-Saharan Africa: A Structural Crisis)
 Lang.: fre. Doc. no.: DOC/FI/18361. 1984. **Series title:** Annales de l'Universite d'Abidjan, K. No.(K) 7:p.109-157
Descriptor: food production * development policy
Geographical descriptor: Africa * Sahara
- 3465 *Traylor, I.R.*
DESERTS AS BATTLEFIELDS
 Lang.: eng. 1981. p.18. Note: ABSTRACT ONLY. (In) Association for Arid Lands Studies, Proceedings, Volume IV
Descriptor: history * political aspects * deserts
- 3466 *Tredoux, J.; Pollock, J.*
CHANGES IN THE EFFECTIVENESS OF RAINFALL AT THE GROOTFONTEIN COLLEGE OF AGRICULTURE
 Lang.: eng. 1973. **Series title:** Agrochemophysica & col. 5:p.17-18
Descriptor: veld * deterioration * plant invaders * rainfall * drought * evaporation * vegetation
Geographical descriptor: Karroo * South Africa * Africa
- 3467 *Tredyte, K.P.*
ZUR SOZIALSTRUKTUR LIBYENS (The Social Structure of Libya)
 Lang.: ger. 1969. **Series title:** Vierteljahresbericht (Hannover). Vol.37:p.271-88
Descriptor: social organization * social aspects * settlements * nomads * land resources * pastoralism
Geographical descriptor: Libya * Cyrenaica * Tripolitania * Africa
- 3468 *Treitz, W.*
FOOD PROBLEMS OF THE DEVELOPING COUNTRIES AND DEVELOPMENT COOPERATION OF THE FEDERAL REPUBLIC OF GERMANY IN THE FIELD OF AGRICULTURE AND RURAL DEVELOPMENT
 Lang.: eng. Jan.-Feb. 1981. **Series title:** Entwicklung und Laendlicher Raum. Vol.15(1):p.26-27. ISSN 0343-6462
Descriptor: economic development * rural sociology * development policy * agricultural development * rural development
Geographical descriptor: Germany
- 3469 *Tribe, D.E.*
CONSERVATION AND IMPROVEMENT OF RESOURCES: THE GRAZING ANIMAL
 Lang.: eng. 1977. **Series title:** Royal Society of London, Philosophical Transactions Ser. B. Vol.278:p.565-582
Descriptor: grazing * overgrazing * animal damage * livestock * social aspects * economic impact * carrying capacity * animal populations * soil erosion * planning * conservation
Geographical descriptor: Australia * Sahel * Africa
- 3470 *Tricart, J.*
ACTIONS EOLIENNES DANS LA PAMPA DE PRIMIDA (REP. ARGENTINE)
 Lang.: fre. 1969-1970. **Series title:** Revue de Geomorphologie Dynamique. Vol.19(4):p.178-189
Descriptor: plains * wind action * dunes * eolian soils * basins * geomorphology
Geographical descriptor: Argentina * South America
- 3471 *Tricart, J.*
ALGUNAS OBSERVACIONES GEOMORFOLOGICAS DOVRE LAS TERRAZAS DEL RIO COPIAPO
 Lang.: spa. 1966. **Series title:** Informaciones Geograficas (Santiago). Vol.15:p.37-50
Descriptor: terraces * salinity * rivers * geomorphology
Geographical descriptor: Chile * South America * Las Terrazas Del Rio Copiapo
- 3472 *Tricart, J.; et al.*
APPORTS DE LA TELEDETECTION A L'ETUDE DES REGIONS ARIDES ET SUBARIDES
 Lang.: fre. Strasbourg: Universite Louis Pasteur, Centre Amenagement du Milieu Naturel. 1976
Descriptor: remote sensing
- 3473 *Tricart, J.*
APPORTS DES PHOTOGRAPHIES ERTS-1 A NOTRE CONNAISSANCE ECOGENETIQUE DES LLANOS DE L'ORENOQUE (COLOMBIE ET VENEZUELA)
 Lang.: fre. 1974. **Series title:** European Space Research Organization, Special Publication. Vol.100:p.317-324
Descriptor: dunes * wind action
Geographical descriptor: Venezuela * South America * Colombia
- 3474 *Tricart, J.; Mainguet, M.*
CARACTERISTIQUES GRANULOMETRIQUES DE QUELQUES SABLES EOLIENS DU DESERT PERUVIEN; ASPECTS DE LA DYNAMIQUE DES BARKANES
 Lang.: fre. 1965. **Series title:** Revue de Geomorphologie Dynamique. Vol.15(7-9):p.110-121
Descriptor: eolian soils * barchans * sand * dunes
Geographical descriptor: Peru * South America

- 3475 *Tricart, J*
FORMES DE RELIEF ARIDE DANS LES ANDES (SALAR DEL HUASCO)
Lang.: fre. 1966. Series title: Photo Interpretation Vol.66(4):p.22-28
Descriptor: topography * aerial photography * basins * geomorphology
Geographical descriptor: South America * Andes * Chile
- 3476 *Tricart, J*
INFLUENCE DE LA GEOMORPHOLOGIE SUR LES SOLS DE LA PAMPA DEPRIMIDA (ARGENTINE)
Lang.: fre. 1972. Series title: Office de la Recherche Scientifique et Technique Outre-Mer. Cahiers Serie Pedologie (Paris). Vol.2:p.153-168
Descriptor: plains * soil types * geomorphology * alkalinity
Geographical descriptor: Argentina * South America
- 3477 *Tricart, J*
LE SALAR DEL HUASCO: ETUDE GEOMORPHOLOGIQUE
Lang.: fre. 1969-1970. Series title: Revue de Geomorphologie Dynamique. Vol.19(2):p.49-84
Descriptor: landforms * geomorphology * basins * saline soils * wind action
Geographical descriptor: South America * Andes * Chile
- 3478 *Tricart, J.; Dollfus, O.; Cloots Hirsch, A.R*
LES ETUDES FRANCAISES SUR LE QUATERNAIRE SUD-AMERICAIN. 'ETUDES FRANCAISES SUR LE QUATERNAIRE'
Lang.: fre. 1969. Series title: Association Francaise pour l'Etude du Quaternaire. Bulletin. Supplement p.215-234
Descriptor: Quaternary period * beaches * plains * paleoclimatology * wind action
- 3479 *Tricart, J.; et al*
MISSION DE RECONNAISSANCE GEOMORPHOLOGIQUE DE LA VALLEE MOYENNE DU NIGER (JANVIER-AVRIL 1957)
Lang.: fre. 1965. Series title: Institut Francais d'Afrique Noire. Memoire. Vol.72. 196p
Descriptor: geomorphology * climatic geomorphology * river basins * fluvial processes
Geographical descriptor: Niger * Senegal * Africa
- 3480 *Tricart, J.; Michel, M*
MONOGRAPHIE ET CARTE GEOMORPHOLOGIQUE DE LA REGION DE LAGUILLAS (ANDES VENEZUELIENNES)
Lang.: fre. 1965. Series title: Revue de Geomorphologie Dynamique. Vol.15(1-3):p.1-33
Descriptor: geomorphology * tectonics * climatic geomorphology * Quaternary period
Geographical descriptor: Venezuela * South America
- 3481 *Tricart, J*
OSCILLATIONS DU NIVEAU MARIN ET CHANGEMENTS CLIMATIQUES DANS LA PAMPA DEPREMIDA (PAMPA ARGENTINE)
Lang.: fre. 1970. Series title: Association Francaise pour l'Etude du Quaternaire. Bulletin. Vol.6(4):p.243-268
Descriptor: plains * climatic change * water level * fluctuations * paleoclimatology * basins * dunes * climatic geomorphology
Geographical descriptor: Argentina * South America
- 3482 *Tricart, J*
TRAITE DE GEOMORPHOLOGIE 4: Le modele des regions seches
Lang.: fre. Paris: Societe d'Edition d'Enseignement Superieur (SEDES). 1969. 472p
Descriptor: geomorphology * landforms * climatic geomorphology * Quaternary period * bibliographies
- 3483 *Tricart, J*
UN CHOTT DANS LE DESERT CHILIEN: LA PAMPA DEL TAMARUGAL
Lang.: fre. 1966. Series title: Revue de Geomorphologie Dynamique. Vol.16(1):p.12-22
Descriptor: geomorphology * groundwater * basins * climatic geomorphology * aquifers * evaporation * wind action
Geographical descriptor: Pampa del Tamarugal * Chile * South America
- 3484 *Trilsbach, A*
DESERTIFICATION IN THE SUDAN
Lang.: eng. 1984. Series title: Swansea Geographer. Vol.21:p.36-45
Descriptor: desertification
Geographical descriptor: Sudan * Africa
- 3485 *Trilsbach, A.; Hulme, M*
RECENT RAINFALL CHANGES IN CENTRAL SUDAN AND THEIR PHYSICAL AND HUMAN IMPLICATIONS
Lang.: eng. 1984. Series title: Institute of British Geographers Transactions. Vol.9(3):p.280-298
Descriptor: rainfall * climatic change * environmental impact
Geographical descriptor: Sudan * Africa
- 3486 *Troldalen, J.M*
LANDSCAPE ECOLOGICAL DEVELOPMENT BY THE GAMBIA RIVER AND THE BRIDGE BARRAGE PROJECT, WEST AFRICA
Lang.: eng. 1984. p.101-105. Note: (In) Methodology in Landscape Ecology Research and Planning by J. Brandt and P. Agger (eds.)
Descriptor: desertification * ecosystems * environmental degradation * nature conservation
Geographical descriptor: Gambia * West Africa * Africa
- 3487 *Trotman, C.H. (ed.)*
THE INFLUENCE OF LAND USE ON STREAM SALINITY IN THE MANJIMUP AREA, WESTERN AUSTRALIA
Lang.: eng. 1974. Series title: Western Australia Department of Agriculture, Technical Bulletin. 27. 32p
Descriptor: land use * salinity * saline water * clear cutting * water balance * vegetation effects * analytical methods * forecasting
Geographical descriptor: Australia * Western Australia
- 3488 *Troupet, C*
ETUDE DU MILIEU PHYSIQUE DU MASSIF DE L'ASSABA (MAURITANIE); INTRODUCTION A LA MISE EN VALEUR D'UNE REGION SAHELIENNE
Lang.: fre. Institut Fondamental d'Afrique Noire. 1966. Series title: Institut Fondamental d'Afrique Noire. Initiations et Etudes Africaines (Dakar). Vol.20. 152p
Descriptor: massif * orography * geographical origin * phytogeography
Geographical descriptor: Mauritania * Africa
- 3489 *Troupet, C*
LES VARIATIONS INTERANNUELLES DES PRECIPITATIONS EN MAURITANIE CENTRALE
Lang.: fre. Paris: Societe Biogeographie. 1972. Series title: Societe Biogeographie Compte Rendu. Vol.416-421:p.39-47
Descriptor: atmospheric precipitation * weather patterns * rainfall reliability
Geographical descriptor: Mauritania * Africa
- 3490 *Trousdale, W*
LAND OF THE SISTAN SANDS
Lang.: eng. 1967. Series title: Middle East. Vol.7(7):p.7-14
Descriptor: desertification * sand deserts * plains * temperature ranges * basins * dust storms
Geographical descriptor: Afghanistan * Iran * Iranian Desert * Helmand River * Middle East

- 3491 *Troyer, C. de*
DESERTIFICATION CONTROL IN THE SUDANIAN AND SAHELIAN ZONES OF WEST AFRICA -- BETTER MANAGEMENT OF THE RENEWABLE RESOURCE BASE
Lang.: eng. 1986. Series title: Forestry Ecology and Management. Vol.16(1-4):p.233-241
Descriptor: afforestation * vegetation * degradation * reclamation
Geographical descriptor: Africa * Sudan * Sahel * West Africa * Senegal
- 3492 *Tsoar, H*
THE ADVANCE MECHANISM OF LONGITUDINAL DUNES
Lang.: eng. 1986. p.241-250. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.)
Descriptor: dunes * sand
- 3493 *Tsoar, H*
TWO-DIMENSIONAL ANALYSIS OF DUNE PROFILE AND THE EFFECT OF GRAIN SIZE ON SAND DUNE MORPHOLOGY
Lang.: eng. 1986. p.94-108. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.)
Descriptor: grain size * dune morphology * dunes
- 3494 *Tsuriel, D.E*
REPORT ON SAND DUNE STABILIZATION IN ISRAEL
Lang.: eng. Rome, Italy: Food and Agriculture Organization. 1974. vii, 21p. Note: At head of title: Danish Funds-In-Trust, TF-INT. 56 (DEN)
Descriptor: sand control * climate * rainfall * desertification control * erosion control
Geographical descriptor: Israel * Middle East
- 3495 *Tuan, Y.F*
NEW MEXICAN GULLIES, A CRITICAL REVIEW AND SOME RECENT OBSERVATIONS
Lang.: eng. 1966. Series title: Association of American Geographers Annals. Vol.56(4):p.573-597
Descriptor: stream degradation * gully erosion * erosion * sedimentation * simulation models * semiarid climate * alluvium * climatic change * summer precipitation
Geographical descriptor: New Mexico * Southwestern U.S
- 3496 *Tueller, P.T*
REMOTE SENSING SCIENCE APPLICATIONS IN ARID ENVIRONMENTS
Lang.: eng. Nov. 1987. Series title: Remote Sensing of the Environment. Vol.23:p.143-154. ISSN 0034-4257
Descriptor: arid land * remote sensing * desertification * geographic information systems * leaf area index * vegetation * vegetative index
- 3497 *Tunisia. Institute National de la Recherche Agronomique*
DESERTIFICATION IN THE OGLAT MERTEBA REGION, TUNISIA. CASE STUDY PRESENTED BY THE GOVERNMENT OF TUNISIA
Lang.: eng. Paris: UNESCO. 1980. p.11-51. Note: (In) Case Studies on Desertification by J.A. Mabbutt and C. Floret (eds.)
Descriptor: case studies * soil fertility * desertification
Geographical descriptor: Tunisia * Africa * Oglat Merteba
- 3498 *Tunisia. Institute des Regions Arides de Medenine*
LUTTE CONTRE LA DESERTIFICATION. TUNISIE. CONDITIONS GEOGRAPHIQUES, HUMAINES ET ECONOMIQUES. PROJET PILOTE DE COOPERATION, IRA (INSTITUT DES REGIONS ARIDES) ET FONDATION POSTUNIVERSITAIRE INTERNATIONALE, DEVELOPPEMENT RURAL INTEGRE (Fight against Desertification Tunisia, Geographical Human Economical Conditions. Pilot-Project of Cooperation between the Institute of Arid Regions and International Postuniversity Foundation)
Lang.: fre. 1982. No.9:p.11-17
Descriptor: rural sociology * plant protection * soil erosion * soil reclamation
Geographical descriptor: Tunisia * Francophone Africa * Africa
- 3499 *Tunisia. Office National de la Vigne*
NOTE SUR LES PROGRAMMES D'ESSAIS, D'IMPLANTATION D'ESPECES DU GENRE VITIS, DEVELOPPEES EN REGIONS ARIDES. LUTTE CONTRE LA DESERTIFICATION, CONSERVATION DES SOLS, CONSTITUTION DE RESERVES FOURRAGERES (Note on a Programme of Trials for the Introduction of Vitis Species Developed in Arid Regions. Desertification Control, Soil conservation, Forage Reserves)
Lang.: fre. UN Doc. no.: FAO-AGP-TUN/81/105. 1984. 10p
Descriptor: Vitis * plant establishment * soil conservation * fodder crops * desertification * economic plants * natural disasters * plant production * resource conservation * Rhamnales * soil management * Vitidaceae
Geographical descriptor: Francophone Africa * Africa
- 3500 *Tuntawiroon, N*
THE ENVIRONMENTAL IMPACT OF INDUSTRIALIZATION IN THAILAND
Lang.: eng. 1985. Series title: Ecologist. Vol.15(4):p.161-164
Descriptor: industrialization * environmental impact
Geographical descriptor: Thailand
- 3501 *Turkowski, L*
PEASANT AGRICULTURE IN THE JUDEAN HILLS
Lang.: eng. 1969. Series title: Palestine Exploration Quarterly. Vol.101:p.21-33, p.101-112
Descriptor: agriculture * peasants
Geographical descriptor: Israel * Judean Hills * Middle East
- 3502 *Turner, S.J*
University of Arizona. Office of Arid Lands Studies
ENVIRONMENTAL REPORT ON UPPER VOLTA
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1980. 138p. Note: Compiled for U.S. National Committee for Man and the Biosphere
Descriptor: maps * natural resources * environmental surveys
Geographical descriptor: Upper Volta * Burkina Faso * Africa
- 3503 *Tuya, O.H.; D'Andrea, F.N*
BIBLIOGRAFIA SOBRE ZONAS ARIDAS Y SEMIARIDAS DE LA REPUBLICA ARGENTINA (Bibliography on Arid and Semiarid Zones of the Argentine Republic)
Lang.: spa. 1972. Series title: Ministerio de Agricultura y Ganaderia. Instituto de Tecnologia Agropecuaria. Estacion Experimental Regional Agropecuaria Anguil Biblioteca Anguil, La Pampa. Serie Bibliografias. 2. 16p
Descriptor: bibliographies * arid land * arid climate * semiarid climate * soil conservation * erosion control * evaluation * soil surveys
Geographical descriptor: Argentina * South America
- 3504 *Tyson, P.D*
ATMOSPHERIC CIRCULATION CHANGES AND THE OCCURANCE OF EXTENDED WET AND DRY SPELLS OVER SOUTHERN AFRICA
Lang.: eng. 1980. p.95-110. Note: (In) The Threatened Drylands: Regional and Systematic Studies of Desertification
Descriptor: climatology * atmospheric circulation * rainfall * rainfall patterns * drought
Geographical descriptor: Africa * Southern Africa
- 3505 *Tyson, P.D*
CLIMATE AND DESERTIFICATION IN SOUTHERN AFRICA
Lang.: eng. 1980. p.33-43. Note: (In) The Threatened Drylands: Regional and Systematic Studies of Desertification
Descriptor: drought * desertification * land use * dry farming
Geographical descriptor: Africa * Southern Africa
- 3506 *Tyson, P.D.; Dyer, T.G.J*
MEAN ANNUAL FLUCTUATIONS OF PRECIPITATION IN THE SUMMER RAINFALL REGION OF SOUTH AFRICA
Lang.: eng. 1975. Series title: South African Geographical Journal. Vol.57(1):p.104-110
Descriptor: rainfall * weather patterns * summer precipitation
Geographical descriptor: South Africa * Africa

- 3507 *Tyson, P.D*
RAINFALL CHANGES OVER SOUTH AFRICA DURING THE PERIOD OF METEOROLOGICAL RECORD
 Lang.: eng. The Netherlands: Hague. 1978. p.53-69. Note: (In) *Biogeography and Ecology of Southern Africa* by M.J.A. Werger (ed.)
Descriptor: desertification * climatic data * rainfall * climatic vegetal relationships * weather patterns
Geographical descriptor: South Africa * Africa
- 3508 *Tyson, P.D*
RAINFALL FLUCTUATIONS OVER SOUTH AFRICA DURING THE PERIOD OF METEOROLOGICAL RECORDS
 Meeting or Conf.: South Africa. Water Year 1970 Convention: Water for the Future
 Lang.: eng. 1970. p.202-204
Descriptor: rainfall * climatic change * rainfall reliability * weather patterns * environmental variability * climatic data
Geographical descriptor: South Africa * Africa
- 3509 *Tyson, P.D*
RAINFALL SPECTRA AND RECENT CLIMATIC VARIATIONS IN SOUTHERN AFRICA
 Lang.: eng. Toronto: University of Toronto Press. 1972. Vol.1:p.202-204. Note: (In) *International Geography* by W.P.A. Adams and F.M. Helleiner (eds.)
Descriptor: rainfall * weather stations * climatic change * climatic data
Geographical descriptor: South Africa * Africa
- 3510 *Tyson, P.D.; Dyer, T.G.J.; Mametse, M.N*
SECULAR CHANGES IN SOUTH AFRICAN RAINFALL: 1880-1972
 Lang.: eng. 1975. **Series title:** *Royal Meteorological Society Quarterly Journal*. Vol.101(430):p.817-834
Descriptor: rainfall * weather stations * climatic change * desiccation * climatic data * rainfall reliability
Geographical descriptor: South Africa * Africa
- 3511 *Tyson, P.D*
SOUTHERN AFRICAN RAINFALL: PAST, PRESENT AND FUTURE
 Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
 Lang.: eng. Worcester, MA: Clark University Press. 1979. p.45-52
Descriptor: atmospheric circulation * climatic fluctuations * climatic change * drought * summer precipitation * forecasting * weather forecasting * rainfall * seasonality * environmental variability * synoptic climatology
Geographical descriptor: South Africa * Africa
- 3512 *Tyson, P.D*
SPATIAL VARIATION OF RAINFALL SPECTRA IN SOUTH AFRICA
 Lang.: eng. 1971. **Series title:** *Association of American Geographers Annals*. Vol.61:p.711-720
Descriptor: rainfall * climatic change * weather stations * climatic data
Geographical descriptor: South Africa * Africa
- 3513 *Tyson, P.D*
THE ENIGMA OF CHANGING WORLD CLIMATES
 Lang.: eng. 1977. **Series title:** *South African Geographical Journal*. Vol.59(2):p.77-116
Descriptor: rainfall * climatic change * Pleistocene epoch * Quaternary period * temperature * summer precipitation * synoptic climatology * paleoclimatology * climate models * forecasting * climatic fluctuations
Geographical descriptor: South Africa * Africa
- 3514 *Tyson, P.D.; Dyer, T.G.J*
THE PREDICTED ABOVE-NORMAL RAINFALL OF THE SEVENTIES AND THE LIKELIHOOD OF DROUGHTS IN THE EIGHTIES IN SOUTH AFRICA
 Lang.: eng. 1978. **Series title:** *South African Journal of Science*. Vol.74:p.372-377
Descriptor: rainfall * drought * climatic fluctuations * forecasting * weather data
Geographical descriptor: South Africa * Africa
- 3515 *U.K. Commonwealth Secretariat*
AFRICAN AGRICULTURE: BUILDING FOR THE FUTURE. REPORT OF THE COMMONWEALTH ACTION GROUP ON THE ECONOMIC CRISIS IN AFRICA
 Lang.: eng. London, U.K.: Commonwealth Secretariat. 1985. 62p
Descriptor: agricultural development * development aid * technical aid * commonwealth countries * Commonwealth Fund for Technical Cooperation
Geographical descriptor: Africa
- 3516 *U.S. Agency for International Development. Office of Science and Technology*
DESERTS ENCROACHMENT ON ARABLE LANDS: SIGNIFICANCE, CAUSES AND CONTROL
 Lang.: eng. Washington, D.C.: U.S. Agency for International Development. Office of Science and Technology. 1972. 55p
Descriptor: pastoralism * desertification * settlements * grazing * desiccation * climatic change * ecosystems * tangible benefits * intangible benefits * land use * arid nomads * water management * shelterbelts * windbreaks
- 3517 *U.S. Council on Environmental Quality*
ENVIRONMENTAL QUALITY - 1980: THE ELEVENTH ANNUAL REPORT OF THE COUNCIL ON ENVIRONMENTAL QUALITY
 Lang.: eng. Washington, DC: U.S. Government Printing Office. 1980. 497p
Descriptor: environmental quality * evaluation * environmental policy
- 3518 *U.S. Department of Agriculture. Soil Conservation Service*
ADAPTATIONS AND LIMITATIONS OF SELF PROPELLED CENTER-PIVOT SPRINKLER IRRIGATION SYSTEM
 Lang.: eng. [Texas?]: Soil conservation Service, U.S. Department of Agriculture. 1982. **Series title:** *Texas Engineering Technical Note*. No.210-19-TX-2. 12p
Descriptor: irrigation * water management * water supply
Geographical descriptor: USA
- 3519 *U.S. Department of Commerce*
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Descriptor: drought * bibliographies * abstracts * agriculture * hydrology * meteorology * climatic change * climatology
- 3520 *U.S. Department of State*
DESERTIFICATION, ARID AND SEMI-ARID LANDS MANAGEMENT AND DESERTIFICATION CONTROL
 Lang.: eng. Washington DC: U.S. Government Printing Office. 1985. **Series title:** *Treaties and Other International Acts*. 10356. Note: Agreements between the United States of America and Mexico, extending the agreement of Feb. 16, 1979, Feb. 11 and Mar. 11, 1982 and exchange of notes dated at Mexico and Tlatelolco, Apr.15 and May 6, 1982
Descriptor: desertification control
Geographical descriptor: Mexico * USA
- 3521 *U.S. Department of State. Bureau of Intelligence and Research*
THE SAHEL: RECURRING TRAGEDY OF THE COMMONS?
 Lang.: eng. Washington, D.C.: Department of State. Bureau of Intelligence and Research. 1983. 7p
Descriptor: food production * desertification
Geographical descriptor: Sahel * Africa
- 3522 *U.S. Department of the Interior*
DESERTIFICATION IN THE UNITED STATES: STATUS AND ISSUES Working Review Draft
 Lang.: eng. Washington D.C.: U.S. Government Printing Office. 1980. 486p
Descriptor: desertification control
Geographical descriptor: Western U.S

- 3523 *U.S. Office of Technology Assessment*
SUSTAINING TROPICAL FOREST RESOURCES. Background
Number 1: Reforestation of Degraded Lands
Lang.: eng. Washington, DC: U.S. Office of Technology
Assessment. May 1983. 65p
Descriptor: tropics * reforestation * physico-chemical properties
of soils * plant reproduction * arid land * soil erosion * semiarid
lands * planting * cultivation
- 3524 *U.S. Office of Water Resources Research. Water Resources
Scientific Information Center*
WEATHER MODIFICATION: PRECIPITATION
INDUCEMENT, A BIBLIOGRAPHY
Lang.: eng. Washington, DC: U.S. Office of Water Resources
Research. Water Resources Scientific Information Center.
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Descriptor: weather modification * bibliographies * artificial
precipitation * environmental engineering * cloud seeding *
water yield improvement * law
- 3525 *U.S. Weather Bureau*
BIBLIOGRAPHY ON THE CLIMATE OF PERU
Lang.: eng. Washington DC: U.S. Weather Bureau. 1955. 13p
Descriptor: bibliographies * climatology * meteorology * diurnal
variation * rainfall * humidity * artificial precipitation * winds
Geographical descriptor: Peru * South America
- 3526 *Ubell, K*
IRAQ'S WATER RESOURCES
Lang.: eng. 1971. Series title: Nature and Resources.
Vol. 7: p. 3-9
Descriptor: water resources
Geographical descriptor: Iraq * Middle East
- 3527 *Umarov, G.T*
OB USTANOVLENIY OPTIMAL'NYKH SROKOV POSEVA
SEMYAN SAKSAULA V PUSTYNYAKH SREDNEY AZII (On
Determining the Optimal Time for Planting of Saxaul Seeds in
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Lang.: rus. Tashkent, Uzbek SSR: Tashkent Agricultural
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Descriptor: Haloxylon ammodendron * seeds * sowing date *
deserts
Geographical descriptor: Central Asia
- 3528 *United Nations*
APPLICATION OF SCIENCE AND TECHNOLOGY FOR
MONITORING AND COMBATING OF DROUGHT,
DESERTIFICATION AND OTHER NATURAL DISASTERS
Lang.: eng. New York: United Nations Centre for Science and
Technology Development. 1987. 5p
Descriptor: desertification control * erosion control * drought
* disasters * information services
- 3529 *United Nations*
SAHEL GREEN BELT TRANSNATIONAL PROJECT. ITEMS
5 OF THE PROVISIONAL AGENDA, ACTION PLAN TO
COMBAT DESERTIFICATION. FEASIBILITY STUDY
Meeting or Conf.: United Nations Conference on
Desertification, Nairobi, Aug. 29-Sept. 9, 1977
Lang.: eng. 1977. 32p
Descriptor: desertification * shelterbelts * wildlife management
* agriculture * forest management
Geographical descriptor: Sahel * Senegal * Mauritania * Mali *
Upper Volta * Africa * Niger * Chad * Sudan * Burkina Faso
- 3530 *United Nations*
TRANSNATIONAL PROJECT ON MANAGEMENT OF
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DESERTIFICATION IN THE SUDANO-SAHELIAN REGIONS
(SOLAR). Background Document: Feasibility Study
Meeting or Conf.: United Nations Conference on
Desertification, Nairobi Aug. 29-Sept. 9, 1977
Lang.: eng. 1977. 24p
Descriptor: rangelands * social aspects * regional surveys *
livestock * range management * pastoralism * productivity
Geographical descriptor: Sahel * Chad * Africa * Mali *
Mauritania * Niger * Senegal * Sudan * Upper Volta * Burkina
Faso
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WITHIN OUR REACH: HIGHLIGHTS OF THE ECONOMIC
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Lang.: eng. 1985. 45p
Descriptor: economic policy * social aspects * developing
countries * United Nations
- 3532 *United Nations*
WORLD-WIDE ENVIRONMENTAL PROBLEMS:
CONSERVATION OF LIVING RESOURCES
Lang.: eng. 1985. Note: UNEP/Inter-Parliamentary
Environmental Conference
Descriptor: environmental protection * resources
- 3533 *United Nations Conference on Desertification*
DESERTIFICATION ITS CAUSES AND CONSEQUENCES
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Descriptor: desertification
- 3534 *United Nations Conference on Desertification*
DESERTIFICATION: AN OVERVIEW Item 4 of the Provisional
Agenda: Processes and Causes of Desertification
Lang.: eng. UN Doc. no.: A/Conf. 74/1. Nairobi, Kenya:
United Nations Conference on Desertification. 1977. 79p
Descriptor: desertification * synoptic climatology * ecology *
demography * planning
- 3535 *United Nations Conference on Desertification*
UNITED NATIONS CONFERENCE ON DESERTIFICATION
(MAPS). Climate Aridity Index: Experimental World Scheme of
Aridity and Drought Probability: Status of Desertification in
Hot Arid Regions
Lang.: eng. UN Doc. no.: A/Conf. 74/31. 1977. Note: All
maps at a scale of 1:25,000,000
Descriptor: desertification * maps * hazards * aridity index *
drought
Geographical descriptor: Africa * Sahel
- 3536 *United Nations Conference on Desertification*
UNITED NATIONS CONFERENCE ON DESERTIFICATION
(MAPS). World Map of Desertification: Desertification Hazards
Map for Africa North of the Equator
Lang.: eng. UN Doc. no.: A/Conf. 74/2. 1977. Note: All maps
are at a scale of 1:25,000,000
Descriptor: economic conditions * money * international aspects
* arid land
Geographical descriptor: Africa
- 3537 *United Nations Dept. of International Economic and Social
Affairs*
WORLD ECONOMIC SURVEY 1985-1986 (SUPPLEMENT TO)
Lang.: eng. 1986
Descriptor: economic conditions * money * international aspects
* arid land
Geographical descriptor: Africa
- 3538 *United Nations Development Programme, New York*
GENERAL REPORT ON THE GROUNDWATER
INVESTIGATION OF THE AZRAQ BASIN
Lang.: eng. New York: United Nations Development
Programme. 1966. 64p
Descriptor: water yield improvement * water resources * basins
* surveys * wells * deserts * water quality * groundwater
recharge * water discharge * data * water sources * aquifers *
springs * hydrology * irrigation programs * water withdrawal *
surface water * groundwater extraction * water table
Geographical descriptor: Jordan * Azraq * Middle East
- 3539 *United Nations Development Programme*
PLANIFICATION DE L'UTILISATION DES EAUX:
REPUBLIQUE ISLAMIQUE DE MAURITANIE:
CONCLUSIONS ET RECOMMANDATIONS DU PROJET
Lang.: fre. New York: United Nations. 1982. 76p
Descriptor: water management * water resources * climate *
aquifers * water power
Geographical descriptor: Africa * Mauritania

- 3540 *United Nations Economic and Social Commission for Asia and the Pacific*
DIRECTORY OF RESEARCH AND TRAINING CENTRES, GOVERNMENT DEPARTMENTS AND OTHER ORGANIZATIONS ON DESERTIFICATION CONTROL IN ASIA AND THE PACIFIC
 Lang.: eng. Bangkok, Thailand: United Nations, Economic and Social Commission for Asia and the Pacific. 1987. Note: "ECSAP/UNDP Project: strengthening of the regional network of research and training centres on desertification control in Asia and Pacific"
Descriptor: directories * research centers * desertification control * erosion control * training * research institutions
Geographical descriptor: Afghanistan * Australia * China * India * Indonesia * Iran * Japan * Pakistan * Philippines * Thailand * USSR * Viet Nam * Asia * Middle East
- 3541 *United Nations Economic and Social Council; United Nations Economic Commission for Western Asia; Food and Agricultural Organization; et al*
EXPERT MEETING ON MANAGEMENT, CONSERVATION AND DEVELOPMENT OF AGRICULTURAL RESOURCES
 Meeting or Conf.: Expert Meeting on Management, conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus Syria
 Lang.: eng. Doc. no.: E/ECWA/AGR/WG/12/1. New York: United Nations Economic and Social Council. 1981. 1000p
Descriptor: desertification * agricultural development * natural resources * land use * renewable resources * agricultural surveys
Geographical descriptor: West Asia * Middle East * ECWA Region
- 3542 *United Nations Educational, Scientific and Cultural Organization*
ASSOCIATED CASE STUDIES IN AUSTRALIA, CHINA, IRAN, ISRAEL, THE UNION OF SOVIET SOCIALIST REPUBLICS AND THE UNITED STATES OF AMERICA
 Lang.: eng. Paris: UNESCO. 1980. Note: (In) Case Studies on Desertification by J.A. Mabbutt and C. Floret (eds.)
Descriptor: soil fertility * desertification
Geographical descriptor: Australia * China * Iran * Israel * USSR * Middle East
- 3543 *United Nations Educational, Scientific and Cultural Organization; World Meteorological Organization*
CHANGES OF CLIMATE
 Lang.: eng. Paris, UNESCO. 1963. 488p. Note: Proceedings of the Symposium organized by UNESCO and the World Meteorological Organization
Descriptor: climatic change * meteorological data * climatic data * paleoclimatology * atmospheric circulation * Quaternary period * climatic geomorphology * evolution * geologic time
- 3544 *United Nations Educational, Scientific and Cultural Organization*
DEVELOPMENT OF ARID AND SEMI-ARID LANDS: OBSTACLES AND PROSPECTS
 Lang.: eng. Paris: UNESCO. 1977. Series title: MAB Technical Notes. 6. 42p
Descriptor: pastoralism * irrigation programs * dry farming * appropriate technology * planning * social organization * development
- 3545 *United Nations Educational, Scientific and Cultural Organization*
MAN AND THE BIOSPHERE: FINAL REPORT OF THE EXPERT PANEL ON IMPACT OF HUMAN ACTIVITIES AND GRAZING PRACTICES ON GRAZING LANDS
 Lang.: eng. Paris: UNESCO. 1973. 90p
Descriptor: humans * environmental impact * rangelands * range management * overgrazing
- 3546 *United Nations Educational, Scientific and Cultural Organization*
MAP OF THE WORLD DISTRIBUTION OF ARID REGIONS
 Lang.: eng. Paris: UNESCO. 1979. Series title: MAB Technical Notes. 7. 54p. Note: Accompanied by explanatory note
Descriptor: maps * aridity index * bioclimatology * biogeography * hydrology * land use * soil types * regional surveys * arid land * bibliographies
- 3547 *United Nations Educational, Scientific and Cultural Organization*
PROGRAMME SUR L'HOMME ET LA BIOSPHERE (MAB). SEMINAIRE SUR LES APPROCHES INTEGREES ET ECOLOGIQUES DU DEVELOPPEMENT RURAL EN ZONES ARIDES ET SEMI-ARIDES. EN COLLABORATION AVEC L'INSTITUT DE REGIONS ARIDES, TUNISIE. RAPPORT FINAL Programme on Man and the Biosphere (MAB). Seminar on Integrated and Ecological Approaches to Rural Dev. in Arid and Semi-Arid Zones. In Collaboration with the Institute of Arid Zones, Tunisia. (Final Report)
 Lang.: fre. 1981. Series title: MAB Report Series, UNESCO. No.49. 68p
Descriptor: arid land * rural development
Geographical descriptor: Algeria * Cape Verde * Gambia * Africa * Upper Volta * Morocco * Mauritania * Niger * Chad * Tunisia * Burkina Faso
- 3548 *United Nations Educational, Scientific and Cultural Organization. Federal Republic of Germany. Integrated Project in Arid Lands*
SMALL STOCK AND CATTLE PRODUCTIVITY, NUTRITION AND DISEASE IN NORTHERN KENYA
 Lang.: eng. Nairobi, Kenya: United Nations Educational, Scientific and Cultural Organization. 1986. Series title: IPAL Technical Report. No.E-8. 283p. Note: "UNESCO-MAB-FRG Integrated Project in Arid Lands."
Descriptor: cattle * animal nutrition * animal diseases * pest control * genetics * animal populations * animal behavior * goats * sheep * deserts * rangelands
Geographical descriptor: Kenya * Africa
- 3549 *United Nations Educational, Scientific and Cultural Organization*
THE JOJOBA PLANT: ITS APPLICATION TO COMBAT DESERTIFICATION
 Lang.: eng. 1982. Series title: Regional Office of Science and Technology for Africa (UNESCO), Bulletin. Vol.17(1):p.31-33
Descriptor: Simmondsia chinensis
Geographical descriptor: Sudan * Africa
- 3550 *United Nations Educational, Scientific and Cultural Organization. Program on Man and the Biosphere*
THE SAHEL: ECOLOGICAL APPROACHES TO LAND USE
 Lang.: eng. Paris: UNESCO Program on Man and the Biosphere. 1975. 100p
Descriptor: land use * ecology * human activity * land management * drought * social aspects * political aspects * natural resources
Geographical descriptor: Sahel * Africa
- 3551 *United Nations Environment Programme. Desertification Control Programme*
ACTIVITIES OF THE UNITED NATIONS ENVIRONMENT PROGRAMME IN THE COMBAT AGAINST DESERTIFICATION
 Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1984. 94p
Descriptor: plant protection * soil erosion * soil reclamation
- 3552 *United Nations Environment Programme*
ADDITIONAL MEASURES TO FINANCE THE PLAN OF ACTION TO COMBAT DESERTIFICATION
 Lang.: eng. 1982. Series title: Desertification Control. No.6:p.20-25
Descriptor: soil fertility * desertification * economic conditions
- 3553 *United Nations Environment Programme Desertification Control Programme*
ANNOTATED DIRECTORY OF ORGANIZATIONS DEALING WITH DESERTIFICATION CONTROL AND DRYLAND DEVELOPMENT
 Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1986. 570p
Descriptor: desertification * research institutions * soil conservation * natural disasters * resource conservation * soil management

- 3554 *United Nations Environment Programme*
COASTAL EROSION IN WEST AND CENTRAL AFRICA
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1985. **Series title: UNEP Regional Seas Reports and Studies**. No.67. 242p
Descriptor: soil degradation * desertification control * erosion control * soil morphology * climate * rainfall * geology * water erosion * remote sensing
Geographical descriptor: Mauritania * Senegal * Cape Verde Islands * Gambia * Guinea Bissau * Guinea * Sierra Leone * Liberia * Cote d'Ivoire * Ghana * Togo * Benin * Nigeria * Cameroon * Africa
- 3555 *United Nations Environment Programme*
DESERTIFICATION CONTROL BULLETIN
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. DC/PAC. 1978-1985. **Series title: Desertification Control Bulletin**
Descriptor: periodicals * desertification control * environmental protection * environmental policy
- 3556 *United Nations Environment Programme*
DESERTIFICATION CONTROL IN AFRICA. ACTIONS AND DIRECTORY OF INSTITUTIONS
Lang.: eng. Nairobi, Kenya: Desertification Control Programme Activity Center. 1985. 126 + 260p
Descriptor: organizations * directories * reclamation * arid land * vegetation * degradation
Geographical descriptor: Africa
- 3557 *United Nations Environment Programme*
DESERTIFICATION DISASTER NEARS
Lang.: eng. July-Aug. 1984. **Series title: Environment (ENVTA)**. Vol.26:p.23(2)
Descriptor: arid land * ecology * desertification control * desert ecology * management
- 3558 *United Nations Environment Programme*
DESERTIFICATION MONITORING AND ASSESSMENT WITHIN GEMS
Lang.: eng. 1982. **Series title: Desertification Control**. No.6:p.14-20
Descriptor: soil fertility * desertification * monitoring
Geographical descriptor: Africa * Tanzania * Kenya * Saudi Arabia * Senegal * East Africa * West Africa * Middle East
- 3559 *United Nations Environment Programme*
DRYLAND DILEMMA: A SOLUTION TO THE PROBLEM. THE ECONOMICS OF POLICY AND PLANNING
Lang.: eng. 1987. 24p
Descriptor: desertification * development planning * economic policy * developing countries
- 3560 *United Nations Environment Programme*
GENERAL ASSESSMENT OF PROGRESS IN THE IMPLEMENTATION OF THE PLAN OF ACTION TO COMBAT DESERTIFICATION, 1978-1984
Lang.: eng. UN Doc. no.: GC.12/9. Nairobi: UNEP. Feb. 16, 1984. Note: UNEP Governing Council report
Descriptor: assessment * desertification control * planning * PACD * UNEP
Geographical descriptor: Global
- 3561 *United Nations Environment Programme*
LIFESTYLES, ENVIRONMENT AND DEVELOPMENT: A EUROPEAN PERSPECTIVE: BACKGROUND PAPERS AND REPORT OF A REGIONAL SEMINAR CONVENED BY THE UNITED NATIONS ENVIRONMENT PROGRAMME AND THE UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE, LJUB
Meeting or Conf.: UNEP/ECE Seminar (1979: Ljubljana)
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1982. **Series title: UNEP Reports and Proceedings Series**. No.4. xv, 627p
Descriptor: environment * economic development * transport * environmental conservation * rural development * energy * appropriate technology
Geographical descriptor: Europe
- 3562 *United Nations Environment Programme*
MAP OF DESERTIFICATION HAZARDS. EXPLANATORY NOTE. MAY 1984
Lang.: eng. May 1984. 13p
Descriptor: mapping * desertification * vegetation * degradation * maps
- 3563 *United Nations Environment Programme. Desertification Control Programme*
REVIEW OF THE IMPLEMENTATION OF THE PLAN OF ACTION TO COMBAT DESERTIFICATION
Lang.: eng. 1982. **Series title: Desertification Control**. No.6:p.34-47
Descriptor: soil fertility * desertification control * PACD
- 3564 *United Nations Environment Programme*
SANDS OF CHANGE: WHY LAND BECOMES DESERT AND WHAT CAN BE DONE ABOUT IT
Lang.: eng. Nairobi, Kenya: United Nations Environment Programme. 1985. **Series title: UNEP Environment Brief**. No.2. 8p. Note: Also in French
Descriptor: desertification * natural disasters * natural resources * soil fertility
- 3565 *United Nations Environment Programme. Desertification Control Programme*
STONE DESERTS ON AFRICA'S ROOF
Lang.: eng. 1983. **Series title: Desertification Control Bulletin**. No.8: p.20-23
Descriptor: soil fertility * desertification
Geographical descriptor: Ethiopia * Africa * East Africa
- 3566 *United Nations Institute for Training and Research*
ALTERNATIVE STRATEGIES FOR DESERT DEVELOPMENT AND MANAGEMENT VOL.4
Lang.: eng. New York: Pergamon Press. 1982
Descriptor: deserts * desert development * desert management
- 3567 *United Nations University*
PERCEPTION OF DESERTIFICATION
Lang.: eng. Tokyo, Japan: United Nations University. 1980. 134p., ill
Descriptor: desertification
- 3568 *University of Arizona. Office of Arid Lands Studies*
ENVIRONMENTAL REPORT ON GHANA
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1980. Note: compiles for U.S. National Committee for Man and the Biosphere
Descriptor: maps * environmental assessment * natural resources * environmental surveys
Geographical descriptor: Ghana * Africa * West Africa
- 3569 *University of Arizona. Office of Arid Lands Studies*
ENVIRONMENTAL REPORT ON MALI
Lang.: eng. Doc. no.: NTIS #: PB82-129214. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. 1980. Note: Compiled for the U.S. National Committee on Man and Biosphere
Descriptor: environmental surveys
Geographical descriptor: Mali * Africa
- 3570 *University of Arizona. Office of Arid Lands Studies*
ENVIRONMENTAL REPORT ON SENEGAL
Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. Sept. 1980. 106p
Descriptor: natural resources * environmental surveys * water resources * arid land * soils * vegetation * wildlife * mineral deposits * agriculture * economic conditions * pollution
Geographical descriptor: Senegal * Africa

- 3571 *University of Khartoum. Institute of Environmental Studies*
A WORKSHOP ON "DESERTIFICATION AND ITS CONTROL, ASSESSMENT AND MONITORING", KHARTOUM, 20-24 FEBRUARY, 1983
 Meeting or Conf.: Workshop on "Desertification Control and its Control, Assessment and Monitoring" (1983: Khartoum)
 Lang.: eng. Khartoum, Sudan: University of Khartoum. Institute of Environmental Studies. 1983. 1 Vol
Descriptor: environmental impact * desertification control * erosion control * remote sensing * forests * natural resources * forest resources * case studies * water resources * demography * economic development
Geographical descriptor: Sudan * Africa
- 3572 *Upstill, G.; Yapp, T*
OFFSITE COSTS OF LAND DEGRADATION
 Lang.: eng. 1986? 12p. Note: Unpublished report. Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: erosion control * soil degradation
Geographical descriptor: Australia
- 3573 *USSR Academy of Sciences. Institute of Geography; Turkmen SSR. Academy of Sciences. Institute of Deserts*
DESERT DEVELOPMENT ON THE V.I. LENIN KARAKUM CANAL ZONE
 Lang.: eng. Moscow: Social Sciences Today. 1977. 236p
Descriptor: desertification * canals * monitoring * forecasting * environmental engineering * environmental impact * riparian ecosystems
Geographical descriptor: USSR * Karakum * Turkmen SSR
- 3574 *USSR Academy of Sciences; V.I. Lenin All-Union of agricultural sciences*
PROBLEMS OF CONTROLLING DROUGHT AND THE GROWTH OF AGRICULTURAL PRODUCTION Proceedings of a joint conference Moscow, Jan. 31- Feb. 3, 1973
 Lang.: eng. Moscow: USSR Academy of Science. V.I. Lenin All-Union of Agricultural Sciences. 1974. 512p
Descriptor: drought control * drought * agricultural production
Geographical descriptor: USSR
- 3575 *USSR Ministry for Reclamation and Water Management*
USSR GOLODNAYA (HUNGARY) STEPPE: A CASE STUDY OF DESERTIFICATION
 Lang.: eng. Oxford, U.K.: Pergamon Press. 1980. p.427-480. Note: (In) Desertification of A.K. Biswas and M.R. Biswas (eds.)
Descriptor: maps * irrigation * agricultural development * soil salinization * desertification * soil fertility
Geographical descriptor: USSR * Kazakh SSR
- 3576 *USSR Ministry for Reclamation and Water Management*
USSR: GOLODNAYA STEPPE An Associated Case Study
 Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29 - Sept. 9, 1977
 Lang.: eng. UN Doc. no.: A/Conf. 74/23. 1977. 76p
Descriptor: saline soils * irrigation practices * water quality * sand control
Geographical descriptor: USSR * Golodnaya Steppe
- 3577 *Utah University. Center for Remote Sensing and Cartography*
IDENTIFYING ENVIRONMENTAL FEATURES FOR LAND MANAGEMENT DECISIONS
 Lang.: eng. Salt Lake City, UT: Utah University. Center for Remote Sensing and Cartography. Apr. 1984. 27p
Descriptor: arid land * desertification * ecosystems * environmental monitoring * land management * land use * computer aided mapping * digital data * earth resources program * phytogeography * multivariate statistical analysis * remote sensing
Geographical descriptor: Mexico * Utah
- 3578 *Utembetov, R.; Suleymenov, B*
ROLE OF BLACK SAXAUL CULTIVATION IN UPGRADING DESERT PASTURE PRODUCTIVITY
 Lang.: rus. 1973. *Series title:* Vestnik Sel'skokhozyaystvennoy Nauki Kazakhstana. Vol.9:p.80-82
Descriptor: Haloxylon ammodendron * cultivation * deserts * pastures * plant production
Geographical descriptor: USSR
- 3579 *Utembetov, R.U.; Kuz'min, V.G*
EFFECTIVENESS OF VARIOUS METHODS FOR THE DEVELOPMENT OF BLACK SAXAUL FOREST CROPS IN KAZAKHSTAN
 Lang.: rus. 1971. *Series title:* Vestnik Sel'skokhozyaystvennoy Nauki (Alma-Ata). Vol.12:p.75-77
Descriptor: Haloxylon ammodendron * forestry * agroforestry * forest plantations * economics
Geographical descriptor: Kazakh SSR * USSR
- 3580 *Utembetov, R.U*
IMPACT OF SHEEP GRAZING ON THE PRESERVATION OF SAXAUL SELF-SEEDING
 Lang.: eng. 1967. *Series title:* Vestnik Sel'skokhozyaystvennoy Nauki (Alma-Ata). Vol.6:p.69-71
Descriptor: Haloxylon ammodendron * sheep * grazing effects * self seeding * gophers * rodents * shoots
- 3581 *Utembetov, R.U*
KYZYLKUM SAXAUL ASPASTURES AND THE INFLUENCE OF CATTLE GRAZING ON THEIR GROWTH AND RENEWAL
 Lang.: eng. Alma-Ata, Kazakh SSR: Kaynar. 1970. p.95-98. Note: (In) Nauchnyye osnovy vosstanovleniya lesnogo fonda i povysheniya produktivnosti lesov Kazakhstana (Scientific Foundations for the Restoration of the Forests Stock and Upgrading Kazakhstan Forest Productivity)
Descriptor: Haloxylon ammodendron * pastures * sheep * grazing effects * plant growth * forests * forest production * self seeding
Geographical descriptor: Kazakh SSR * Kyzylkum * USSR
- 3582 *Uvarov, B.P*
DEVELOPMENT OF ARID LANDS AND ITS ECOLOGICAL EFFECTS ON THEIR INSECT FAUNA
 Lang.: eng. Paris: UNESCO. 1962. *Series title:* Arid Zone Research. Vol.18:p.235-248. Note: (In) Problems of the Arid Zone, Proceedings of the Paris Symposium
Descriptor: arid land * ecology * competition * environmental impact * planning * land use * economic development * insect behavior * insects * entomology * land management * bibliographies * arable land
- 3583 *Uzbekistan SSR Academy of Science*
THEORETICAL FOUNDATIONS AND METHODS OF PHYTOMELIORATION OF DESERT PASTURES IN SOUTHWESTERN KYZYLKUM
 Lang.: rus. Tashkent, Uzbek SSR: Fan. 1973. 145p
Descriptor: deserts * pastures * revegetation * land improvement * plowed strips * cropping systems * drought tolerance * grazing effects
Geographical descriptor: Kyzylkum * Uzbek SSR * Kazakh SSR * USSR
- 3584 *Vaeisaenen, J. (ed.)*
AAVIKOITUVA NAEKAEINEN SAHEL (Sahel: Land of Desertification and Hunger)
 Lang.: fin. Kiikala, Finland: Viikin Ymparistoeseura. 1985. 87p. ISBN 951-99667-2-2
Descriptor: developing countries * development projects * desertification * agriculture * transhumance * famine * animal husbandry * development plans * economic geography * natural disasters * planning * zootechny
Geographical descriptor: Sahel * Africa South of Sahara * Africa
- 3585 *Vager, B.G.; Orlovskii, N.S.; Utina, Z.M*
ESTIMATION OF ATMOSPHERIC MOISTURE INPUT TO SOIL SURFACE IN AN AREA OF IRRIGATED LAND
 Lang.: eng. 1982. *Series title:* Problems of Desert Development. No.1:p.37-43. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: atmospheric precipitation * soil surfaces * irrigated land

- 3586 *Vaillant, J.R*
FACE A LA PENURIE D'EAU A LA DESERTIFICATION. UN COMBAT POUR LE RENOUVEAU (Faced With Water Shortage and Desert Expansion A Fight for Renewal)
Lang.: fre. Belgium. 1983. **Series title:** *Technique de l'Eau et de l'Assainissement* No.440-441:p.47-60, May-Sep 1983
Descriptor: water resources * water management * soil erosion * soil reclamation * natural resources
- 3587 *Vakulin, A.A*
OSVOYENIYE PESKOV (Development of Sands)
Lang.: rus. Alista, Kalmyk ASSR. 1973. 138p
Descriptor: sand control * afforestation * agricultural development * sand
Geographical descriptor: Kalmyk ASSR * USSR
- 3588 *Valdes Castro, J*
DINAMICA DE LA DESERTIFICACION EN TRES AREAS DEL SECANO INTERIOR DE LA 4. REGION CHILE (Desertification Dynamics in Three Dry Land Areas of the 4. Region Chile)
Lang.: spa. Santiago de Chile: Universidad de Chile. Facultad de Ciencias Agrarias. Veterinarias y Forestales. Escuela de Ciencias Forestales. 1983. 155p. Note: Thesis (Ing For)
Descriptor: desertification * plant protection * soil erosion * soil reclamation * plant ecology
Geographical descriptor: Chile * South America
- 3589 *Van Aart, R*
ASPECTS OF DRAINAGE AND LAND RECLAMATION IN THE LOWER MESOPOTAMIAN PLAIN: A PROBLEM ANALYSIS
Lang.: eng. Baghdad, Iraq: Institute for Applied Research on Natural Resources. 1972. **Series title:** *Institute for Applied Research on Natural Resources Technical Bulletin*. 34. 23p
Descriptor: drainage * reclamation * land use * regional surveys * saturated soils * dams * saline soils * salinity * agriculture * cultivation * evaluation * water resources development * groundwater * physico-chemical properties of soils * sodium affected soils * soil analysis
Geographical descriptor: Iraq * Mesopotamian Plain * Middle East
- 3590 *Van Asch, T.W.J*
HAZARD MAPPING AS A TOOL FOR LANDSLIDE PREVENTION IN MEDITERRANEAN AREAS
Lang.: eng. 1986. p.126-137. ISBN 90-277-2230-7. Note: (In) *Desertification in Europe*, by R. Fantechi and N.S. Margaris (eds.)
Descriptor: hazards * landslide prevention * mapping
Geographical descriptor: Mediterranean Region
- 3591 *Van den Bergh, J*
DEUX ARBUSTES D'AVENIR POUR VAINCRE L'AVANCE DU DESERT (Two Shrubs of the Future for Conquering Desertification)
Lang.: fre. Jan. 1985. **Series title:** *Afrique Agriculture (Paris)*. Vol.113:p.40-45
Descriptor: desertification control * *Simmondsia chinensis* * *Jatropha curcas* * afforestation * arid land
- 3592 *Van Der Schyff, H.P*
BUSH ENCROACHMENT IN SOUTH AFRICA
Lang.: eng. 1957. **Series title:** *Handbook for Farmers in South Africa*. Vol.3:p.732-741
Descriptor: shrubs * carrying capacity * range management * brush control * grazing * browse * plant succession * controlled burning * plant ecology * scrub * plant invaders * savannas * grasses * handbooks
Geographical descriptor: South Africa * Africa
- 3593 *Van der Werf, E.J*
ECOLOGICALLY SUSTAINABLE AGRICULTURE AS AN EFFECTIVE MEANS TO COMBAT DESERTIFICATION IN TROPICAL AFRICA: THE CASE OF AGRICULTURE IN ACCRA PLAINS
Lang.: eng. 1983. **Series title:** *Ecoscripts Stichting Mondiaal Alternatief, The Netherlands*. Vol.22:25p
Descriptor: environmental policy * ecological balance * reclamation
Geographical descriptor: Ghana * Africa * Accra Plains
- 3594 *Van Dijk, D.C*
RELICT SALT, A MAJOR CAUSE OF RECENT LAND DAMAGE IN THE YASS VALLEY, SOUTHERN TABLELANDS, N.S.W
Lang.: eng. 1969. **Series title:** *Australian Geographer*. Vol.11(1):p.13-21
Descriptor: salinity * saline soils * runoff * gully erosion * soil erosion * drought * salts * seepage * rainfall intensity
Geographical descriptor: Australia * New South Wales * Yass Valley
- 3595 *Van Eimern, J.; et al*
WINDBREAKS AND SHELTERBELTS
Lang.: eng. Geneva: World Meteorological Organization. 1964. 188p
Descriptor: windbreaks * shelterbelts * environmental engineering
- 3596 *Van Husen, C*
KLIMAGLIEDERUNG IN CHILE AUF DER BASIS VON HAEUFIGKEITSVERTEILUNGEN DER NIEDERSCHLATSSUMMEN (Climate Classification in Chile on the Basis of Frequency Distribution of Precipitation Totals)
Lang.: ger. 1967. **Series title:** *Freiburger Geographische A.* 133p
Descriptor: climate * atmospheric precipitation * drought * classification
Geographical descriptor: Chile * South America
- 3597 *Van Reenen, R.J*
SOUTH WEST AFRICA DROUGHT COMMISSION REPORT, JUNE 1924
Lang.: eng. Pretoria: Weather Bureau. 1949. 118p
Descriptor: water supply * rainfall * drought * runoff * agriculture * dams * *Opuntia* * overgrazing * carrying capacity * enclosures
Geographical descriptor: Southern Africa * Namibia * Africa
- 3598 *Van Rensburg, H.J*
GULLY UTILIZATION AND EROSION CONTROL
Lang.: eng. 1958. **Series title:** *East African Agricultural Journal*. Vol.23(3):p.190-192
Descriptor: gully erosion * stream degradation * erosion control
Geographical descriptor: Africa
- 3599 *Van Rensburg, H.J*
RUN-OFF AND SOIL EROSION TESTS AT MPWAPWA, CENTRAL TANGANYIKA
Lang.: eng. 1955. **Series title:** *East African Agricultural Journal*. Vol.20:p.228-231
Descriptor: soil erosion * runoff
Geographical descriptor: Tanzania * Africa
- 3600 *Van Rooyen, T.H.; Burger, R. Du T*
DISPERSAL AND SEDIMENTARY CHARACTERISTICS OF SANDY SOIL PARENT MATERIALS IN SEMI-ARID SOUTH AFRICA
Lang.: ger. 1974. **Series title:** *Zeitschrift fuer Geomorphologie*. Supplementband 20:p.69-90
Descriptor: meteorology * climatic change * Cenozoic era * Quaternary period * Tertiary period * Pleistocene epoch * wind action * soil types
Geographical descriptor: South Africa * Africa

- 3601 *Van Sleen, L.A.*
COMPTE-RENDUS DU SEMINAIRE DE TELEDETECTION(Proceedings of a Seminar on Remote Sensing)
 Lang.: fre. Sep. 1980. 614p
Descriptor: remote sensing * land use * natural resources * photographic images * topography * soils * vegetation * satellites
Geographical descriptor: Senegal * Africa
- 3602 *Van Vegten, J.A.*
MAN-MADE VEGETATION CHANGES:AN EXAMPLE FROM BOTSWANA'SSAVANA
 Lang.: eng. Gaborone, Botswana: University of Botswana. National Institute of Development and Cultural Research. Documentation Unit. 1981. **Series title:** Working Paper. No.40. 81p. Note: Nine maps on folded sheets
Descriptor: climate * ecosystems * soil degradation * soil classification * physico-chemical properties of soils * environmental impact * soil morphology * savannas
Geographical descriptor: Africa * Botswana
- 3603 *Van Voorthvizen, E.G.*
GLOBAL DESERTIFICATION AND RANGE MANAGEMENT: AN APPRAISAL
 Lang.: eng. 1978. **Series title:** Journal of Range Management. Vol.31(5):p.378-380
Descriptor: desertification * range management * arid land * semiarid climate
Geographical descriptor: Sahel * Africa
- 3604 *Van Zeist, W.*
LATE QUATERNARY VEGETATION HISTORY OF WESTERN IRAN
 Lang.: eng. 1967. **Series title:** Review of Palaeobotany and Palynology. Vol.2:p.301-311
Descriptor: vegetation change * palynology * Quaternary period * climatic change * trees * forests
Geographical descriptor: Iran * Middle East
- 3605 *Van Zeist, W.; Wright, H.E. Jr*
PRELIMINARY POLLEN STUDIES AT LAKE ZERIBAR, ZAGROS MOUNTAINS, SOUTHWESTERN IRAN
 Lang.: eng. 1963. **Series title:** Science. Vol.140:p.65-69
Descriptor: palynology * lakes
Geographical descriptor: Iran * Lake Zeribar * Zagros Mountains * Middle East
- 3606 *Van Zinderen Bakker, E.M.*
A POLLEN ANALYTICAL INVESTIGATION OF THE FLORISBAD DEPOSITS (SOUTH AFRICA)
 Meeting or Conf.: Pan African Congress on Prehistory, 3D, Livingston, 1955, Proceedings
 Lang.: eng. 1957. p.56-67
Descriptor: Pleistocene epoch * Quaternary period * Cenozoic era * climatic change * grasses * veld * prehistory * paleobotany * pollen analysis
Geographical descriptor: South Africa * Africa
- 3607 *Van Zinderen Bakker, E.M.*
QUATERNARY VEGETATION CHANGES IN SOUTHERN AFRICA
 Lang.: eng. Hague. The Netherlands: 1978. Vol.1:p.131-143. Note: (In) Biogeography and Ecology of Southern Africa by M.J.A. Werger (ed.)
Descriptor: Quaternary period * climatic change * vegetation change * coastal areas * grassland biome * summer precipitation * dunes * savannas
Geographical descriptor: South Africa * Karroo * Africa
- 3608 *Van Zinderen Bakker, E.M.*
SYMPOSIUM ON EARLY MAN AND HIS ENVIRONMENTS IN SOUTHERN AFRICA: PALAEOBOTANICAL STUDIES
 Lang.: eng. 1963. **Series title:** South African Journal of Science. Vol.59(7):p.332-340
Descriptor: climatic change * Pleistocene epoch * Quaternary period * Cenozoic era * vegetation * grasses * veld * paleoecology
Geographical descriptor: Southern Africa * Africa
- 3609 *Van Zinderen Bakker, E.M.*
THE PLUVIAL THEORY: AN EVALUATION IN THE LIGHT OF NEW EVIDENCE, ESPECIALLY FOR AFRICA
 Lang.: eng. 1966. **Series title:** Palaeobotanist(Lucknow). Vol.15(1-2):p.128-134
Descriptor: radiocarbon dating * paleoclimatology * climatology * climatic change
Geographical descriptor: Africa * Sahara
- 3610 *Van Zinderen Bakker, E.M.*
UPPER PLEISTOCENE AND HALOCENE STRATIGRAPHY AND ECOLOGY ON THE BASIS OF VEGETATION CHANGES SUB-SAHARANAFRICA
 Lang.: eng. Chicago, IL: University of Chicago Press. 1967. p.125-147. Note: (In) Background to Evolution in Africa by W.W. Bishop and J.D. Clark (eds.)
Descriptor: Pleistocene epoch * paleoclimatology * Holocene epoch * climatic geomorphology * vegetation change * climatic change
Geographical descriptor: Sahel * Sahara * Africa
- 3611 *Varady, R.G.*
ENVIRONMENTAL PROFILE OF THE ISLAMIC REPUBLIC OF PAKISTAN
 Lang.: eng. Tucson, AZ: University of Arizona, Office of Arid Lands Studies, Arid Lands Information Center. 1981. 235p. Note: Compiled for U.S. National Committee for Man and the Biosphere
Descriptor: environmental surveys
Geographical descriptor: Pakistan
- 3612 *Vasconcelos, S.J. de*
PROBLEMAS DE DESENVOLVIMENTO E RISCOS DE DESERTIFICACAO NO NORDESTE DO BRASIL(Problems of Development and Risks of Desertification in Northeast Brazil)
 Meeting or Conf.: Simposio Internazionale sulla Integrazione della Ricerca per la Valorizzazione delle Risorse Biologiche delle Zone Aride e Semi-Aride dell'America Latina, Roma, 105 Ottobre 1979
 Lang.: ita. FAO. Istituto Italo-Latino Americano. 1980. p.457-466. Note: (International Symposium on Integrated Research for the Improvement of Biological Resources of Arid and Semi-Arid Zones in Latin America, Rome, 1-5 Oct. 1979); Also in Portuguese
Descriptor: land settlement * desertification * arid land * semiarid lands
Geographical descriptor: Brazil * South America * Northeast Brazil
- 3613 *Vasconcelos, S.J.de*
AREAS EM DESERTIFICACAO OCORRENTES NO NORDESTE DO BRASIL
 Lang.: por. 1982. 64p
Descriptor: desertification * arid land
- 3614 *Veïsov, S*
RELIEF DYNAMICS OF BARCAN SANDS(translated title)
 Lang.: rus. Ashkhabad, Turkmen SSR: Ylum. 1977. 195p
Descriptor: barchans * sand * sand movement
- 3615 *Veillas, C*
SPOT AND REMOTE SENSING APPLICATIONS FOR ARID AND SEMI-ARID LANDS
 Lang.: eng. 1982. p.63-72. Note: (In) Remote Sensing of Arid and Semi-Arid Lands
Descriptor: arid land * remote sensing * Spot satellite * marketing * mission planning * payloads * satellite borne instruments * satellites
- 3616 *Veneris, Y*
RECONSIDERING THE SYSTEMS APPROACH
 Lang.: eng. 1982. **Series title:** Planning Outlook. Vol.24(1):p.1-10
Descriptor: systems method * desertification control

- 3617 *Venkataratnam, L.*
APPLICATION OF REMOTE SENSING TECHNIQUES FOR LAND EVALUATION AND CLASSIFICATION FOR AGRICULTURE
Lang.: eng. Sep. 1983. *Series title: Indian Academy of Sciences, Proceedings.* Vol.6:p.177-188. ISSN 0250-5983
Descriptor: agriculture * geology * surveys * remote sensing * rural land use * satellite imagery * soil mapping * aerial photography * image processing * salinity * watersheds
Geographical descriptor: India
- 3618 *Venkataratnam, L.*
MAPPING OF LAND/SOIL DEGRADATION USING MULTISPECTRAL DATA
Meeting or Conf.: Association Quebecoise de Teledetection, Congress, 4th, Montreal, Canada, May 3-6, 1983
Lang.: eng. 1984. p.421-429
Descriptor: land use * multispectral imagery * satellite observation * soil mapping * thematic mapping * image analysis * Landsat * satellites
- 3619 *Venkateswarlu, J.*
ECOLOGICAL CRISES IN AGRO-ECOSYSTEMS
Lang.: eng. Dehra Dun, India: Natraj Publishers. 1985. ISBN 8185019002. Note: (In) India's Environment: Crises and Responses, by J. Bandyopadhyay (ed.)
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Geographical descriptor: India
- 3620 *Vennetier, P.*
LES PROBLEMES DU BOIS DE FEU ET DU CHARBON DE BOIS EN AFRIQUE TROPICALE. ANALYSE ET BILAN DES RECHERCHES (The Problem of Fuelwood and Charcoal in Tropical Africa. Analysis and Assessment of Research)
Lang.: fre. 1981. *Series title: Centre d'Etudes de Geographie Tropicale, Travaux et Documents de Geographie Tropicale.* No.43:p.13-28. Note: (In) L'energie dans les communautes rurales des pays du tiers monde (CEGET-Bordeaux, 5-10 mai 1980)
Descriptor: fuel resources * charcoal * fuelwood * fuels
Geographical descriptor: Africa
- 3621 *Venter, A.D.*
THE PROBLEMS OF ARISTIDA JUNCIFORMIS ENCROACHMENT INTO THE VELD OF NATAL
Lang.: eng. 1968. *Series title: Grassland Society of South Africa. Proceedings.* Vol.3:p.163-165
Descriptor: Aristida * grasses * veld * vegetation * vegetation change * plant invaders
Geographical descriptor: South Africa * Africa
- 3622 *Venzke, J.F.*
DIE NATURLICHE UND ANTHROPOGENE BEDINGTHEIT WUSTENHAFTER OKOTOPE DES ISLANDISCHEN HOCHLANDES (Natural and Anthropogenic Relationship of the Desert Ecotope of the Icelandic Highlands)
Lang.: ger. 1984. *Series title: Verhandlung der Gesellschaft fur Okologie.* Vol.12:p.227-230. Note: Summary language: English
Descriptor: soil fertility * desertification
Geographical descriptor: Iceland
- 3623 *Verhoef, P.*
A STREAM DEPOSIT WITH INTERSTRATIFIED PEAT, AT PRETORIA
Lang.: eng. 1971. *Series title: Palaeoecology of Africa.* Vol.6:p.147-148
Descriptor: Pleistocene epoch * Quaternary period * Cenozoic era * Holocene epoch * gravel * climatic change
Geographical descriptor: South Africa * Africa
- 3624 *Verstappen, H.T.*
AEOLIAN GEOMORPHOLOGY OF THE THAR DESERT AND PALAEO-CLIMATES
Lang.: ger. 1970. *Series title: Zeitschrift fuer Geomorphologie, Supplementband.* Vol 10:p.104-120
Descriptor: geomorphology * paleoclimatology * dunes * glaciology * climatic change * climatic geomorphology * wind action * dessication * dunes * desertification * aridity
Geographical descriptor: Thar Desert * Pakistan * India
- 3625 *Verstappen, H.T.*
APPLIED GEOMORPHOLOGY: GEOMORPHOLOGICAL SURVEYS FOR ENVIRONMENTAL DEVELOPMENT
Lang.: eng. Enschede, The Netherlands: Elsevier. 1983. 437p
Descriptor: geomorphology * geomorphological surveys * environmental development
- 3626 *Verstappen, H.T.*
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Lang.: eng. Worcester, MA: Clark University Press. 1979. p.75-81. Note: (In) Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
Descriptor: desertification * drought * monitoring * remote sensing * mapping * seasonality * human activity * ecology * planning
Geographical descriptor: Botswana * Africa
- 3627 *Verstappen, H.T.*
GEOMORPHOLOGY AT THE CENTRAL ARID ZONE RESEARCH INSTITUTE, INDIA
Lang.: ger. 1968. *Series title: Nature and Resources.* Vol.4(3):p.6-9
Descriptor: geomorphology * aerial photography * dunes * basins * drainage * rivers * hydrologic data * weathering * environmental effects * organizations
Geographical descriptor: India
- 3628 *Verstraete, M.*
CLIMATIC ASPECTS OF DESERTIFICATION A PROGRESS REPORT
Meeting or Conf.: National Annual Meeting of the American Association for the Advancement of Science, 153rd, Chicago, IL, Feb. 14-18, 1987
Lang.: eng. 1987
Descriptor: climatic change * desertification
- 3629 *Verstraete, M.M.*
ANOTHER LOOK AT THE CONCEPT OF DESERTIFICATION
Meeting or Conf.: Deserts and Desertification: Geological and Climatological Perspectives, United States, March 1981, American Association for the Advancement of Science, Committee on Desert and Arid Zones Research, Symposium
Lang.: eng. Albuquerque, NM: University of New Mexico Press. 1983. p.213-238. Note: (In) Origin and Evolution of Deserts by S.G. Wells and D.R. Haragan (eds.)
Descriptor: soil fertility * desertification * evolution of deserts
- 3630 *Verstraete, M.M.*
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Lang.: eng. Dordrecht, The Netherlands: D. Reidel. Aug.-Oct. 1986. *Series title: Climatic Change.* Vol.9(1-2):p.5-18. ISSN 0165-0009
Descriptor: climatic change * desertification
- 3631 *Verstraete, M.M.*
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Descriptor: United Nations * desertification * international organizations * natural disasters
- 3632 *Verstraete, M.M.*
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Lang.: eng. Dordrecht, The Netherlands: Martinus Nijhoff. 1986. p.35-41. ISBN 90-247-3292-1. Note: (In) Physics of Desertification by F. El-Baz and M.H.A. Hassan (eds.)
Descriptor: desertification * wind erosion * water erosion * injurious factors * natural disasters

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PROCEEDINGS OF A CONFERENCE ON LAND DRAINAGE, RECLAMATION AND GROUNDWATER UTILIZATION IN THE RIVERINE PLAINS OF NORTHERN VICTORIA
 Lang.: eng. 1969. 98p
Descriptor: salinity * irrigation * dry farming * plains * reclamation * groundwater * drainage * water extraction * waste water treatment
Geographical descriptor: Victoria * Australia
- 3634 *Vierich, H.L.D.; Hitchcock, R.K*
KUTSE GAME RESERVE: FIELD TRIP TO A DROUGHT-PRONE ENVIRONMENT
 Meeting or Conf.: Symposium on Drought in Botswana, Jun. 5-8, 1978, Gaborone, Proceedings
 Lang.: eng. Worcester, MA: Clark University Press. 1979. p.21-30
Descriptor: drought * migration * adaptation * parks * wildlife habitats * zoogeography * paleogeography * paleoclimatology * climatic change * history
Geographical descriptor: Botswana * Kalahari Desert * Africa
- 3635 *Vikarov, S.V*
PUSTYNIYA USTYURT I VOPROSY EYE OSVOYENIYA (The Ustyurt Desert and Problems Related to its Development)
 Lang.: rus. Moscow: Nauka. 1971. 134p
Descriptor: deserts * desert development
Geographical descriptor: Ustyurt Desert * USSR * Kazakh SSR
- 3636 *Vimal, O.P*
FOREST TREE BIOMASS
 Lang.: eng. 1984. **Series title:** Indian Forestry. Vol.110(8):p.739-748
Descriptor: biomass * forests * trees
- 3637 *Vinjar, A*
ENERGY SUPPLY AND ENERGY USE - THE ROLE OF WOMEN
 Meeting or Conf.: International Workshop - Seminar on Women and Energy, Oslo, Norway, Jun. 12, 1984
 Lang.: eng. 1984. 17p
Descriptor: energy supplies * energy use * women
- 3638 *Vink, A.P.A*
LANDSCAPE ECOLOGY AND LAND USE
 Lang.: eng. 1983. 264p
Descriptor: landscape * ecology * land use
- 3639 *Vinogradov, B.V.; Kulik, K.N*
AEROSPACE MONITORING OF DESERTIFICATION DYNAMICS OVER THE BLACK LANDS IN KALMYKIA
 Lang.: rus. 1987. **Series title:** Problemy Osvoeniya Pustyn. No.4:p.45-53
Descriptor: remote sensing * monitoring * desertification
Geographical descriptor: Kalmykia * USSR
- 3640 *Vinogradov, B.V*
DISTANTSIONNAIA INDIKATSIIA I KARTIROVANIE PASTBISHCH (Remote Sensing and Mapping of Pastures)
 Lang.: rus. June 1981. **Series title:** Issledovanie Zemli iz Kosmosa. P.35-45
Descriptor: aerial photography * grasslands * photomapping * remote sensing * spaceborne * photography * land use * phenology * topography * pastures
- 3641 *Vinogradov, B.V*
INDICATORS OF DESERTIFICATION AND THEIR AEROSPACE MONITORING
 Lang.: eng. New York: Allerton Press. 1980. **Series title:** Problems of Desert Development No.4:p.9-17. ISSN 0278-4750. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: desertification indicators * monitoring * remote sensing * vegetation
- 3642 *Vinogradov, B.V.; Lebedev, V.V.; Kulik, K.N.; et al*
MEASUREMENT OF ECOLOGICAL DESERTIFICATION FROM REPEAT AERIAL PHOTOGRAPHS
 Lang.: rus. 1985. **Series title:** Doklady Biological Sciences. Vol.285(1-6):p.690-692. Note: Translated from: Doklady Akad. Nauk SSSR (1985) Vol.285(5):p.1269-1272
Descriptor: desertification * remote sensing * environmental models * aerial photography * satellite imagery
Geographical descriptor: USSR * Kalmyk SSR
- 3643 *Vinogradov, B.V*
REMOTE SENSING AND MAPPING OF RANGELANDS
 Lang.: eng. Mar. 1982. **Series title:** Soviet Journal of Remote Sensing. Vol.3:p.378-392. Note: Translated from: Issledovanie Zemli iz Kosmosa
Descriptor: aerial photography * grasslands * photomapping * remote sensing * spaceborne photography * land use * phenology * topography * rangelands
- 3644 *Vinogradov, B.V*
TELEDETECTION ET CARTOGRAPHIE DES PATURAGES (Remote Sensing and Pasture Cartography)
 Lang.: fre. 1980. Vol.23, Part B10. Note: (In) International Archives of Photogrammetry
Descriptor: remote sensing * pastures * cartography
- 3645 *Vita Finzi, C*
LATE QUATERNARY ALLUVIAL CHRONOLOGY OF NORTHERN ALGERIA
 Lang.: eng. 1967. **Series title:** Man. Vol.2(2):p.205-215
Descriptor: Quaternary period * alluvium * climatic geomorphology * climatic change * aggradation * sedimentation * erosion
Geographical descriptor: Algeria * Africa
- 3646 *Vita Finzi, C*
LATE QUATERNARY CONTINENTAL DEPOSITS OF CENTRAL AND WESTERN TURKEY
 Lang.: eng. 1969. **Series title:** Man. Vol.4(4):p.605-619
Descriptor: quaternary period * alluvium * archaeology * sedimentation * beaches * sediments * erosion
Geographical descriptor: Turkey * Mediterranean Basin
- 3647 *Vita Finzi, C*
MEDITERRANEAN MONOGLACIALISM?
 Lang.: eng. 1969. **Series title:** Nature. Vol.224(5215):p.173
Descriptor: Quaternary period * sediments * Mediterranean climate * water level * alluvium * calcareous soils * sedimentation * archaeology * glacial geology
Geographical descriptor: Mediterranean Basin
- 3648 *Vita Finzi, C*
THE HASA FORMATION: AN ALLUVIAL DEPOSITION IN JORDAN
 Lang.: eng. 1966. **Series title:** Man. Vol.1(3):p.386-390
Descriptor: ephemeral streams * alluvium * sedimentation * floods * terraces * geomorphology * archaeology * agriculture * history
Geographical descriptor: Jordan * Dead Sea * Hasa Formation * Middle East
- 3649 *Vita Finzi, C*
THE MEDITERRANEAN VALLEYS: GEOLOGICAL CHANGES IN HISTORICAL TIMES
 Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1969. 140p
Descriptor: aggradation * archaeology * geomorphology * soil erosion * sedimentation * history * terraces * geology * research * weather patterns * climatic change * erosion control * geomorphic depressions * glacial geology
Geographical descriptor: Mediterranean Basin

- 3650 *Vita Finzi, C*
THE MUSANDAM EXPEDITION 1971-72 Scientific Results 1(4): Late Quaternary Subsidence
 Lang.: eng. 1973. **Series title:** *Geographical Journal*. Vol.139(3):p.414-421
Descriptor: marine geology * coastal areas * Quaternary period * subsidence * alluvium * stratigraphy * geomorphology * hydrogeography
Geographical descriptor: Muscat and Oman * Saudi Arabia * Middle East
- 3651 *Vitale, C.S*
BIBLIOGRAPHY ON THE CLIMATE OF SINKIANG, CHINA
 Lang.: eng. Washington, D.C.: U.S. Weather Bureau. 1963. 41p
Descriptor: aid * bibliographies * abstracts * maps * climatology * climate * climatic data
Geographical descriptor: China * Sinkiang
- 3652 *Vlachos, E*
SOCIAL TRENDS AFFECTING DESERTIFICATION THE CASE OF THE ARID WEST
 Lang.: eng. 1981. Note: (In) *EOS Trans American Geophysics Union*
Descriptor: social aspects * trends * desertification
- 3653 *Vladimirov, V.V.; Zonn, I.S*
COMPREHENSIVE REGIONAL PROGRAMS FOR CONTROL OF DESERTIFICATION
 Lang.: eng. 1982. **Series title:** *Problems of Desert Development*. No.2:p.8-12. Note: Translated from: *Problemy Osvoeniya Pustyn'* (1982) No.2:p.9-13
Descriptor: soil fertility * desertification control
- 3654 *Vladimirov, V.V.; Zonn, I.S*
REGIONAL COMPLEX SCHEMES OF DESERTIFICATION CONTROL
 Lang.: rus. 1982. **Series title:** *Problemy Osvoeniya Pustyn'*. No.2:p.9-13
Descriptor: desertification control
- 3655 *Vlasova, T.K*
ANALYSIS OF THE CHARACTERISTICS OF THE DESERTIFICATION PROCESS IN AFRICA AND AUSTRALIA
 Lang.: eng. 1981. **Series title:** *Problems of Desert Development*. Vol.1:p.22-30. ISSN 0278-4750. Note: Translated from: *Problemy Osvoeniya Pustyn'* (1989, No.1:p.23-31)
Descriptor: desertification * characteristics
Geographical descriptor: Africa * Australia
- 3656 *Vlasova, T.K*
COMPARATIVE ANALYSIS OF DESERTIFICATION PROCESSES IN AFRICA AND AUSTRALIA
 Lang.: rus. 1981. **Series title:** *Problemy Osvoeniya Pustyn'*. No.1:p.23-32. Note: Summary Language: English
Descriptor: land use * desertification
Geographical descriptor: Australia * Africa
- 3657 *Vogt, H.H*
DIE ZUKUNFT DER SAHEL-ZONE (The Future of the Sahel)
 Lang.: ger. 1985. **Series title:** *Naturwissenschaftliche Rundschau*. Vol.38(6):p.248-249. ISSN 0028-1050
Descriptor: desertification * forecasting
Geographical descriptor: Sahel * Africa
- 3658 *Von Kaufmann, R*
POLITICO-ECONOMIC CONSTRAINTS
 Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1980. **Series title:** *ILCA Bulletin*. No.9:p.12-14. Note: (In) *Pastoral Development Projects*
Descriptor: economic development * pastoralism * nomads * aid
Geographical descriptor: Africa
- 3659 *Von Kaufmann, R.R*
THE TRIBAL GRAZING LAND POLICY'S RELEVANCE IN A DROUGHT-PRONE ENVIRONMENT
 Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
 Lang.: eng. Worcester, MA: 1979. p.255-260
Descriptor: grazing * drought * tenure systems * pastoralism * livestock * water resources * land management * range management
Geographical descriptor: Botswana * Africa
- 3660 *Von Wissmann, H.; et al*
ON THE ROLE OF NATURE AND MAN IN CHANGING THE FACE OF THE DRY BELT IN ASIA
 Lang.: eng. Chicago: University of Chicago Press. 1956. p.278-303. Note: (In) *Man's Role in Changing the Face of the Earth* by W.L. Thomas, Jr. (ed.)
Descriptor: arid land * arid climate * semiarid climate * social aspects * history * grazing * climatology * agriculture * climatic vegetal relationships * vegetation change * migration * nomads * pastoralism
Geographical descriptor: Central Asia * Middle Asia * Arabian Peninsula * Africa * China * USSR
- 3661 *Vorlauser, K*
ZENTRALE ORTE UN ENTWICKLUNGSPROBLEME IN SIEDLUNGSRÄUMEN OSTAFRIKANISCHER HIRTENVÖLKER. DAS BEISPIEL DES MARSABIT DISTRICTS/KENYA (Central Places and Development Problems of Settlement among East African Pastoralists. The Example of Marsabit District, Kenya)
 Lang.: ger. 1986. **Series title:** *Erde*. Vol.117(3-4):p.177-200. Note: Summary languages: English, French
Descriptor: maize * arid land * pastoralism * desertification
Geographical descriptor: Kenya * Africa * Marsabit District
- 3662 *Vorster, J.H*
TRENDS IN LONG RANGE RAINFALL RECORDS IN SOUTH AFRICA
 Lang.: eng. 1957. **Series title:** *South African Geographical Journal*. Vol.39:p.61-66
Descriptor: rainfall * drought * climatic data
Geographical descriptor: South Africa * Africa
- 3663 *Vreede, M. de*
DESERTS AND MEN
 Lang.: eng. The Hague: Government Printing Office. 1977. 95p. ISBN 90-12-01636-3
Descriptor: desertification * agriculture * social aspects * climatic change * nomads * erosion
- 3664 *Wade, N*
THE SAHELIAN DROUGHT: NO VICTORY FOR WESTERN AID
 Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1974. **Series title:** *Science*. Vol.185:p.234-236
Descriptor: drought * social aspects * human activity * desertification * ecology * populations * carrying capacity * overgrazing * economic development * aid * reclamation
Geographical descriptor: Sahel * Africa
- 3665 *Wadia, D.N*
THE POST-GLACIAL DESICCATION OF CENTRAL ASIA: EVOLUTION OF THE ARID ZONE OF ASIA
 Lang.: eng. New Delhi, India: National Institute of Sciences of India. 1960. 25p
Descriptor: desiccation * desertification * paleoclimatology * glacial drift * geology * history * deserts * rivers * lakes * reclamation
Geographical descriptor: Central Asia * Middle Asia * Gobi Desert * Sahara * India * Thar Desert

- 3666 *Wagemann, H*
RESULTADO DAS MEDICOES METEOROLOGICAS NO POLIGONO DAS SECAS NO NORDESTE BRASILEIRO NOS ANOS 1968 E 1969 (Result of Meteorological Measurements in the Drought Polygon of the Northeast of Brazil During the Years 1968 and 1969)
 Lang.: por. Recife, Brazil: Divisao de Hidrologia. Superintendencia do Desenvolvimento do Nordeste. 1970. 25p
Descriptor: drought * meteorological data
Geographical descriptor: Brazil * South America
- 3667 *Wagner, F.H*
CONSIDERATIONS OF SOME CAUSES AND SOLUTIONS TO THE PROBLEM OF DESERTIFICATION
 Lang.: eng. Logan, UT: Utah State University. US/IBP Desert Biome. 1974. **Series title:** *Tunisian Presaharan Project Progress Report*. 3 (1974 Progress, Section 16). p.171-179
Descriptor: desertification * desertification control
Geographical descriptor: Tunisia * Sahara * Africa
- 3668 *Wagner, F.H*
REPORT OF EXCHANGE VISIT TO THE USSR UNDER THE AEGIS OF PROJECT 02.02-51, PROTECTION OF ARID ECOSYSTEMS OF THE US-USSR. BINATIONAL AGREEMENT ON PROTECTION OF THE ENVIRONMENT, APRIL 5-18, 1983
 Lang.: eng. 1983? 1 Vol. Note: Unpublished paper. Copy can be obtained from Nairobi, Kenya: UNEP Desertification Control Programme Activity Center
Descriptor: desertification control * erosion control * deserts * international cooperation
Geographical descriptor: USA * USSR
- 3669 *Wahby, O*
STATEMENT OF AIMS AND OBJECTIVES
 Meeting or Conf.: Expert Meeting on Management, Conservation and Development of Agricultural Resources in the ECWA Region, 9-15 May 1981, Damascus, Syrian Arab Republic
 Lang.: eng. New York: United Nations Economic and Social Commission. 1981. 3p
Descriptor: desertification * political aspects
Geographical descriptor: Middle East
- 3670 *Wahome, E.K*
SOIL EROSION CLASSIFICATION AND ASSESSMENT USING LANDSAT IMAGERY: A CASE STUDY IN BARINGO DISTRICT, KENYA
 Lang.: eng. Nairobi, Kenya: Kenya Rangeland Ecological Monitoring Unit. 1984. **Series title:** *Technical Report*. No.105. 13p
Descriptor: case studies * environmental impact * soil degradation * farming * deforestation * rangelands
Geographical descriptor: Africa * Kenya
- 3671 *Waisel, Y*
INTERACTIONS AMONG PLANTS, MAN AND CLIMATE: HISTORICAL EVIDENCE FROM ISRAEL
 Meeting or Conf.: Plant Life of South-West Asia, Second Symposium, Edinburgh, Scotland, Sep. 16-20, 1985
 Lang.: eng. 1986
Descriptor: plants * human ecology * climate
Geographical descriptor: Israel * Middle East
- 3672 *Waldemar, H*
UBER DEN ABFLUSS IM EINZUGSBEREICH DES TOTEN MEERES WAHREND DER LETZEN KALTZEIT UND HEUTE (Runoff in the Catchment of the Dead Sea During the Last Ice-Age and Today)
 Lang.: ger. 1970. **Series title:** *Archiv fuer Meteorologie, Geophysik und Bioklimatologie*. Series B, Vol.18(2):p.101-130
Descriptor: Pleistocene epoch * hydrology * water balance * paleoclimatology * climatic change * climatic data * catchments
Geographical descriptor: Dead Sea * Israel * Middle East
- 3673 *Walker, A.S.; Robinove, C.J*
ANNOTATED BIBLIOGRAPHY OF REMOTE SENSING METHODS FOR MONITORING DESERTIFICATION
 Lang.: eng. Denver, CO. 1981. **Series title:** *U.S. Geological Survey Circular*. No.851. 25p
Descriptor: desertification * monitoring * remote sensing * bibliographies
- 3674 *Walker, A.S*
DESERT OF CHINA
 Lang.: eng. Jul-Aug 1982. **Series title:** *American Scientist*. Vol.4:p.366-376
Descriptor: eolian sands * Landsat * deserts * dunes * desert basins * land development * monitoring * forest belts * farm land * shelterbelts
Geographical descriptor: China
- 3675 *Walker, A.S.; Shu, L*
MONITORING ARID LAND CHANGES IN THE TURPAN DEPRESSION, PEOPLE'S REPUBLIC OF CHINA
 Meeting or Conf.: International Symposium on Remote Sensing of Environment, 1st Thematic Conference, Remote Sensing of Arid and Semi-Arid Lands Conference, Cairo, Egypt, Jan. 1982
 Lang.: eng. 1982. P.755-762. Note: (In) *Remote Sensing of Arid and Semi-Arid Lands*, 1305p
Descriptor: Landsat * digital data * arid land * vegetative cover * farm land
Geographical descriptor: China * Turpan Depression * Huang Liu He State Farm
- 3676 *Walker, A.S.; Olsen, J.W*
THE BADAIN JARAN DESERT: REMOTE SENSING INVESTIGATIONS
 Lang.: eng. July 1987. **Series title:** *Geographical Journal*. Vol.153(2):p.203-210
Descriptor: sand sea * playas * remote sensing * Landsat * dunes * sand * SIR-A Shuttle Imaging Radar * paleoclimatic changes * satellites * deserts
Geographical descriptor: Badain Jaran Desert * Mongolia * Inner Mongolia Region
- 3677 *Walker, H.O*
CLIMATE AND METEOROLOGY IN AFRICA. AFRICA SOUTH OF THE TROPIC OF CANCER
 Lang.: eng. Paris: UNESCO. 1963. **Series title:** *Natural Resource Research*. Vol.1:p.165-177. Note: (In) *A Review of the Natural Resources of the African Continent*
Descriptor: climate * meteorology
Geographical descriptor: Africa
- 3678 *Walker, J.M*
SOME IDEAS ON WINTER ATMOSPHERIC PROCESSES OVER S.W. ASIA
 Lang.: eng. 1967. **Series title:** *Meteorological Magazine*. Vol.96(1139):p.161-167
Descriptor: atmospheric circulation * winter precipitation * weather patterns * jet stream * meteorology * rainfall
Geographical descriptor: Iraq * India * Persian Gulf * Iran * Pakistan * Saudi Arabia * Middle East * Asia
- 3679 *Wallen, C.C*
ARIDITY DEFINITIONS AND THEIR APPLICABILITY
 Lang.: ger. 1967. **Series title:** *Geografiska Annaler*. Vol.49(2-4):p.367-384
Descriptor: aridity * aridity index * water balance * agroclimatology
Geographical descriptor: Middle East
- 3680 *Wallen, C.C*
SOME CHARACTERISTICS OF PRECIPITATION IN MEXICO
 Lang.: ger. 1955. **Series title:** *Geografiska Annaler*. Vol.37:p.51-85
Descriptor: atmospheric precipitation * rainfall * climatic data * environmental variability
Geographical descriptor: Mexico

- 3681 *Walls, J*
LAND, MAN AND SAND
Lang.: eng. United Kingdom: Collier Macmillan. 1980. 336p
Descriptor: desertification * arid land * deserts * soil conservation * water conservation * erosion * maps * erosion control * soil surveys
- 3682 *Walls, J*
SUDAN: AN APPALLING SOUTHWARD MARCH OF THE SAHARA DESERTIFICATION
Lang.: eng. May 1981. **Series title:** Desertification Control Bulletin. No.4:p.2-5
Descriptor: plant protection * soil fertility * fertilizers * deserts
Geographical descriptor: Sudan * Africa * Sahara
- 3683 *Walls, J. (ed.)*
COMBATING DESERTIFICATION IN CHINA: A REPORT ON A SEMINAR SPONSORED BY THE ACADEMY OF SCIENCES OF THE PEOPLE'S REPUBLIC OF CHINA AND THE UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)
Lang.: eng. 1982. **Series title:** UNEP Reports and Proceedings. No.3. 70p. ISBN 92-807-1035-4
Descriptor: desertification * training courses * shelterbelts * soil fertility * soil reclamation
Geographical descriptor: China
- 3684 *Walsh, J*
DESERTIFICATION DEFINES ORDEAL OF THE SAHEL
Lang.: eng. May 4, 1984. **Series title:** Science. p.468(1)
Descriptor: desertification
Geographical descriptor: Sahel * Africa
- 3685 *Walsh, J*
SAHEL WILL SUFFER EVEN IF RAINS COME
Lang.: eng. 1984. **Series title:** Science. Vol.224(4648):p.467-471. ISSN 0036-8075
Descriptor: drought * forecasting
Geographical descriptor: Sahel * Africa
- 3686 *Wane Conde, C*
PARTICIPATION: STRATEGIE ET MOYENS POUR UNE PARTICIPATION EFFECTIVE DES POPULATIONS A LA DEFENSE ET A LA REHABILITATION DES ARBRES (Participation: Strategy and Methods for Effective Public Participation in the Defence and Rehabilitation of Trees)
Lang.: fre. Jan-Mar 1986. **Series title:** Bois de Feu Informations. No.16:p.8-11. ISSN 0766-5474
Descriptor: forestry development * desertification * agricultural development * rural development * rural sociology * extension * economic sectors * natural disasters * professional services * sociology * tertiary sector
Geographical descriptor: Sahel * Africa South of Sahara * Africa
- 3687 *Wang, C.W*
THE FORESTS OF CHINA, WITH A SURVEY OF GRASSLAND AND DESERT VEGETATION
Lang.: eng. Cambridge: Harvard University. 1961. **Series title:** Harvard University. Maria Moors Cabot Foundation for Botanical Research Publication. 5. 313p
Descriptor: forests * grasses * woodland * dunes * basins * oases * steppes * vegetation types * sand
Geographical descriptor: Tarim Basin * Dzungaria * Ordos * China
- 3688 *Wang, H.D*
ENVIRONMENTAL IMPACT OF MINING IN CHINA
Lang.: eng. Jul. 1985. **Series title:** Mining Magazine. Vol.153(1):p.53-55. ISSN 0462-6230
Descriptor: mining * environmental impact
Geographical descriptor: China
- 3689 *Wang, W.C.; Ronberg, B.; Gutowski, W.; et al*
NATURAL AND ANTHROPOGENIC CLIMATE CHANGE. FINAL REPORT
Lang.: eng. Aug. 1986. 32p
Descriptor: climatic change * human activity
- 3690 *Ward, G.M.; Oltjen, R.; Temple, R.; et al*
NEW TECHNOLOGIES NEEDED TO IMPROVE ANIMAL PRODUCTION IN CHINA
Lang.: eng. 1986. **Series title:** Feedstuffs. Vol.58(1):p.22-23, 25, 31
Descriptor: grasslands * meat * production possibilities * animal production
Geographical descriptor: China
- 3691 *Warren, A*
A BIBLIOGRAPHY OF DESERT DUNES AND ASSOCIATED PHENOMENA
Lang.: eng. Tucson, AZ: University of Arizona Press. 1969. p.77-99. Note: (In) Arid Lands in Perspective by W.G. McGinnies and B.J. Goldman (eds.)
Descriptor: sand * bibliographies * dunes * wind action * eolian soils * dune stabilization
Geographical descriptor: Sahara * Africa
- 3692 *Warren, A.; Agnew, C*
AN ASSESSMENT OF DESERTIFICATION AND LAND DEGRADATION IN ARID AND SEMI-ARID AREAS
Lang.: eng. 1988. **Series title:** International Institute for Environment and Development Drylands Programme Paper. No.2
Descriptor: land degradation * human activity * political aspects * economic impact * arid zones * semiarid lands
- 3693 *Warren, A*
BIBLIOGRAPHICAL INDEX OF PUBLICATIONS ON INTRA-CONTINENTAL SANDS AND DESERT SANDS (EXCLUDING SEASIDE SANDS) I: Works published to 1920; II: 1920-1939; III: 1940-1959; IV: 1960-1967; (In English, with Russian language preface)
Lang.: eng. 1969. **Series title:** Problems of Desert Development. No.2:p.86-88; No.3:p.92-95; No.5:p.89-91; No.6:p.76-86. Note: Translated from: Problemy Osvoeniya Pustyn
Descriptor: deserts * sand * bibliographies
Geographical descriptor: USSR
- 3694 *Warren, A.; Mainguet, M*
DEFENCES AGAINST THE AEOLIAN THREAT
Lang.: eng. 1982. **Series title:** Geographical Magazine. Vol.54(3):p.165-167. ISSN 0016-741X
Descriptor: eolian processes
- 3695 *Warren, A*
DUNE TRENDS AND THEIR IMPLICATIONS IN THE CENTRAL SUDAN
Lang.: ger. 1970. **Series title:** Zeitschrift fuer Geomorphologie Supplementband. Vol.10:p.154-180
Descriptor: dunes * arid land * sand control * sand * wind action * plant establishment * geomorphology * dune stabilization
Geographical descriptor: Kordofan * Sudan * Africa
- 3696 *Warren, A.; Maizels, J.K*
ECOLOGICAL CHANGE AND DESERTIFICATION Background Document
Meeting or Conf.: United Nations Conference on Desertification, Nairobi
Lang.: eng. UN Doc. no.: A/Conf. 74/7. Nairobi: United Nations Conference on Desertification. 1977. 124p. Note: A Component Review for United Nations Conference on Desertification, Nairobi
Descriptor: desertification * ecosystems * bibliographies * overgrazing * pastures * transhumance * land use * planning * subsistence agriculture * environmental models
- 3697 *Warren, A*
LANDSCAPES IN DESPAIR
Lang.: eng. 1977. **Series title:** Geographical Magazine. Vol.49(10):p.631-633
Descriptor: desertification * geography

- 3698 *Warren, A.; Harrison, C.M.*
PEOPLE AND THE ECOSYSTEM: BIOGEOGRAPHY AS A STUDY OF ECOLOGY AND CULTURE
Lang.: eng. 1984. **Serialtitle:** *Geoforum*. Vol.15(3):p.365-381
Descriptor: ecosystems * biogeography * ecology * cultural geography
- 3699 *Warren, A.*
SHIFTING MARGINS OF THE DESERTS
Lang.: eng. 1984. **Series title:** *Geographical Magazine*. Vol.56(9):p.457-462
Descriptor: marginal land * deserts
- 3700 *Warren, A.*
THE PROBLEMS OF DESERTIFICATION
Lang.: eng. Oxford, UK: Pergamon Press. 1984. p.335-342.
Note: (In) *Sahara Desert* by J.L. Cloudsley-Thompson (ed.)
Descriptor: soil fertility * desertification
Geographical descriptor: Sahel * Africa
- 3701 *Warren, M.N. (ed.)*
BRADFIELD SCHEME FOR WATERING THE INLAND: METEOROLOGICAL ASPECTS
Lang.: eng. 1945. **Series title:** *Australia, Commonwealth Meteorologica Bureau Bulletin (Melbourne)*. 34. 82p
Descriptor: meteorology * irrigation * climatic change * weather modification
Geographical descriptor: Australia
- 3702 *Warren, P.L.; Hutchinson, C.F.*
INDICATORS OF RANGELAND CHANGE AND THEIR POTENTIAL FOR REMOTE SENSING
Lang.: eng. 1984. **Serialtitle:** *Journal of Arid Environments*. No.7:p.107-126. 30p
Descriptor: remote sensing * soil surveys * soil classification
Geographical descriptor: USA
- 3703 *Wasylikowa, K.*
LATE QUATERNARY PLANT MACROFOSSILS FROM LAKE ZERIBAR, WESTERN IRAN
Lang.: eng. 1967. **Serialtitle:** *Review of Palaeobotany and Palynology*. Vol.2:p.313-318
Descriptor: Quaternary period * lakes * paleobotany * plants
Geographical descriptor: Iran * Lake Zeribar * Middle East
- 3704 *Watanabe, Y.*
THE ROLE OF CLAYS IN AGRICULTURE
Lang.: jap. 1982. **Serialtitle:** *Nendo Kagaku (Journal of the Clay Science Society of Japan)*. Vol.22:p.150-154
Descriptor: clay * agriculture
- 3705 *Watson, J.W.*
DESERTS OF THE WORLD, FUTURE THREAT OR PROMISE?
Lang.: eng. New York, NY: Philomel Books. 1981. 128p
Descriptor: deserts
- 3706 *Watson, R.M.; Tippett, C.J.*
EXAMPLES OF LOW-LEVEL AERIAL SURVEYS CONDUCTED IN AFRICA FROM 1968 TO 1979. ONE FIRM'S EXPERIENCE
Lang.: eng. Addis Ababa, Ethiopia: International Livestock Centre for Africa. 1981. **Series title:** *ILCA Monograph*. No.4:p.33-57. Note: (In) *Low-level Aerial Survey Techniques*
Descriptor: remote sensing * animal populations * zoogeography * evaluation * rangelands * livestock
Geographical descriptor: Ethiopia * Somalia * Sudan * Sierra Leone * Rwanda * Africa
- 3707 *Watson, R.M.*
THE SOUTH TURKANA EXPEDITION *Scientific Papers 2: A Survey of the Large Mammal Population in South Turkana*
Lang.: eng. 1969. **Series title:** *Geographical Journal*. Vol.135(4):p.529-546
Descriptor: aid * expeditions * mammals * populations * animal distribution * frequency * herbivores * productivity * biomass * wildlife * conservation * density * surveys
Geographical descriptor: Kenya * Turkana * Africa
- 3708 *Wazeka, R. (ed.)*
FORESTRY AND THE CRISIS IN AFRICA
Lang.: eng. 1985. **Serialtitle:** *Unasylva*. Vol.37(150):72p
Descriptor: vegetation * degradation * arid land * deforestation * forest management
Geographical descriptor: Africa
- 3709 *Webb, R.H.; Newman, E.B.*
RECOVERY OF SOIL AND VEGETATION IN GHOST-TOWNS IN THE MOJAVE DESERT, SOUTHWESTERN UNITED STATES
Lang.: eng. 1982. **Serialtitle:** *Environmental Conservation (Lausanne)*. Vol.9(3):p.245-248
Descriptor: soils * reclamation * vegetation * deserts
Geographical descriptor: Mojave Desert * Southwestern U.S
- 3710 *Weber, F.R.; Stoney, C.*
REFORESTATION IN ARID LANDS: 2nd ed
Lang.: eng. Arlington, VA: Peace Corps. Volunteers in Technical Assistance. 1986. 335p
Descriptor: reforestation * agroforestry * deserts * land management * natural resources * water supply * environmental conservation * physico-chemical properties of soils * seeds * pest control * nursery management
- 3711 *Weber, F.R.; Holman, F.J.; Palmer, V.C.*
REFORESTATION IN ARID LANDS
Lang.: eng. Arlington, VA: Volunteers in Technical Assistance. 1977. **Serialtitle:** *Action/Peace Corps Program and Training Journal Manual Series. Publications Manual Series-37E*. No.5. x, 248p. Note: On cover: *Appropriate Technologies for Development*
Descriptor: reforestation * deserts * marginal lands * land management * genetics * seeds * climate * soil degradation * water erosion * plant populations * plant breeding
Geographical descriptor: Africa
- 3712 *Weber, F.R.*
REGIONAL DESERTIFICATION SEMINAR, NOUAKCHOTT, 29 OCT.-6 NOV. 1984. REPORT
Meeting or Conf.: Regional Desertification Seminar, Nouakchott, Mauritania, Oct. 29-Nov. 6, 1984
Lang.: eng. Rome. Feb. 1985. *FAO-FO-GCP/RAF/173/USA*. 26p
Descriptor: desertification * forestry policy * natural disasters
Geographical descriptor: Sahel * Africa South of Sahara * Africa
- 3713 *Weberbauer, A.*
CLIMA Y VEGETACION EN LOS ANDES DEL PERU Y SU TERRITORIO COSTANERO (Climate and Vegetation of the Peruvian Andes and its Coast)
Lang.: spa. Lima: Universidad Nacional Mayor de San Marcos, Facultad de Ciencias. 1944. **Serialtitle:** *Revista de Ciencias*. Vol.46(448):p.167-182
Descriptor: climate * vegetation * coastal areas * mountains
Geographical descriptor: Andes * Peru * South America
- 3714 *Weberbauer, A.*
LA INFLUENCIA DE LOS CAMBIOS CLIMATICOS Y GEOLOGICOS SOBRE LA FLORA DE LA COSTA PERUANA (Influence of Climatic and Geological Changes on the Flora of the Peruvian Coast)
Lang.: spa. 1944. **Serialtitle:** *Academia Nacional de Ciencias Exactas, Fisicasy Naturales (Lima), Actas*. Vol.7(3):p.7-10
Descriptor: coastal areas * flora * climatic vegetal relationships * climatic change * geology
Geographical descriptor: Peru * South America
- 3715 *Wehmeier, E.*
BEOBACHTUNGEN ZUM TAGESGANG VON LUFT- U. BODENTEMPERATUREN IM NEFZAOUA-GEBEIT (Diurnal variations of air and soil temperature in the Nefzaoua Region)
Lang.: ger. 1977. **Series title:** *Stuttgarter Geographische Studien*. Vol.91:p.139-151
Descriptor: oases * soil temperature * air temperature * diurnal * palmae
Geographical descriptor: Tunisia * Sahara * Africa

- 3716 *Wehmeier, E*
DESERTIFICATION PROCESSES AND GROUNDWATER UTILIZATION IN THE NORTHERN NEFZAOUA, TUNISIA
Lang.: eng. 1980. Series title: *Stuttgarter Geographische Studien*. Vol.95:p.125-143. ISBN 3-88028-095-9. Note: (In) *Desertification in Extremely Arid Environments* by H. Meckelein (ed.)
Descriptor: irrigation * groundwater * depletion
Geographical descriptor: Tunisia * Nefzaoua * Africa
- 3717 *Wehmeier, E*
EIN BEWASSERUNGSÖKOLOGISCHES PROFIL DURCH DEN NORDEN DER REGION NEFZAOUA (Irrigation Ecology in the Northern Nefzaoua Area)
Lang.: ger. 1977. Series title: *Stuttgarter Geographische Studien*. Vol.91:p.105-138
Descriptor: irrigation practices * drainage * salinity * qanats * groundwater mining * desertification * water costs * artesian wells * springs
Geographical descriptor: Tunisia * Sahara * Sebkhah * Africa
- 3718 *Wehmeier, E*
UNTERSUCHUNGEN IN DER NEUGEBRUENDEN OASE KLIB BOKHAN (Klib Dokhan, A new oasis)
Lang.: ger. 1977. Series title: *Stuttgarter Geographische Studien*. Vol.91:p.153-165
Descriptor: oases * artesian wells * irrigation practices * social aspects * migration * subsistence agriculture
Geographical descriptor: Tunisia * Sahara * Africa
- 3719 *Weickmann, L*
METEOROLOGICAL AND HYDROLOGICAL RELATIONSHIPS IN THE DRAINAGE AREA OF THE TIGRIS RIVER NORTH OF BAGHDAD
Lang.: ger. 1963. Series title: *Meteorologisch-Rundschau*. Vol.16:p.33-38
Descriptor: meteorology * hydrology
Geographical descriptor: Tigris River * Iraq * Middle East
- 3720 *Weickmann, L*
SOME CHARACTERISTICS OF THE SUB-TROPICAL JET STREAM IN THE MIDDLE EAST AND ADJACENT REGIONS
Lang.: eng. 1961. Series title: *Iran Meteorological Department Meteorological Publications*. No.1, Series A. 29p
Descriptor: jet stream * meteorology * seasonality
Geographical descriptor: Middle East
- 3721 *Weimert, W.F.; Kress, R.; Karpe, H.J*
UNWELTPROBLEME UND NATIONALE UMWELTPOLITIKEN IN ENTWICKLUNGSLÄNDERN (Environmental Problems and Natural Environmental Policies in the Developing Countries)
Lang.: ger. 1982. 276p. ISBN 3-8039-0221-5
Descriptor: environmental policy * waste utilization * developing countries
- 3722 *Weiner, J.; Zielinski, J.; Gorecki, A*
THE EFFECT OF RODENTS ON THE RATE OF MATTER AND ENERGY CYCLING IN ECOSYSTEM OF ARID STEPPE OF CENTRAL EASTERN MONGOLIA
Lang.: eng. 1982. Series title: *Polish Ecological Studies*. Vol.8(1-2):p.69-86
Descriptor: rodents * energy cycling * ecosystems
Geographical descriptor: Mongolia
- 3723 *Weischer, W*
ZUR KLIMATOLOGIE DER NORDCHILENISCHEN WÜESTE (On the Climatology of the Northern Chilean Desert)
Lang.: ger. 1966. Series title: *Meteorologisch-Rundschau*. Vol.19(1):P.1-7
Descriptor: climate * coastal areas * deserts * humidity * isohyets
Geographical descriptor: Pampa del Tamarugal * Chile * South America
- 3724 *Wellington, J.H*
SOUTHERN AFRICA: A GEOGRAPHICAL STUDY 1: Physical Geography
Lang.: eng. Cambridge, U.K.: Cambridge University Press. 1955. 528p
Descriptor: rainfall * drought * evaporation * vegetation * grasses * veld
Geographical descriptor: Karroo * South Africa * Africa
- 3725 *Wells, S.G*
INVESTIGATING CLIMATE CHANGE
Lang.: eng. 1987. ISSN 0364-6017. Note: (In) *A Workshop on Desert Processes*, by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: climatic change * deserts
- 3726 *Wells, S.G.; Haragan, D.R. (eds.)*
ORIGIN AND EVOLUTION OF DESERTS
Lang.: eng. Albuquerque, NM: University of New Mexico Press. 1983. 228p. ISBN 0-8263-0605-5
Descriptor: deserts * origins * evolution
- 3727 *Wells, S.G.(ed.); Haragan, D.R.(ed.)*
DESERTS AND DESERTIFICATION: GEOLOGICAL AND CLIMATOLOGICAL PERSPECTIVES
Lang.: eng. 1981. p.159-228. ISSN 0569-2393. Note: (In) *Origin and Evolution of Deserts* by S. G. Wells and D. R. Haragan (eds.)
Descriptor: deserts * desertification * geology * research * climatology
- 3728 *Wendler, G.; Eaton, F*
ON THE DESERTIFICATION OF THE SAHEL ZONE. 1. GROUND OBSERVATIONS
Lang.: eng. Dordrecht, The Netherlands: D. Reidel Publishing Co. 1983. Series title: *Climatic Change*. Vol.5(4):p.365-380. ISSN 0165-0009
Descriptor: desertification
Geographical descriptor: Sahel * Africa
- 3729 *Werger, M.J.A*
PHYTOSOCIOLOGY OF THE UPPER ORANGE RIVER VALLEY, SOUTH AFRICA
Lang.: eng. Goettingen: Vandenhoeck and Ruprecht. 1973. 222p
Descriptor: desiccation * desertification * Mesozoic era * grasses * fire effects * overgrazing * carrying capacity * vegetation * vegetation change * plant invaders
Geographical descriptor: Karroo * South Africa * Africa
- 3730 *Wertheimer, M*
WATER MANAGEMENT FOR DEVELOPMENT
Meeting or Conf.: Hillside Reclamation and Water Mastering and Management, a study case in Libya, Conference, Nairobi
Lang.: eng. Paris, France: Bureau pour le Développement de la Production Agricole. 1978? 13p
Descriptor: water management * water erosion * rainfall
Geographical descriptor: Libya * Africa
- 3731 *West, N.E*
DESERT ECOSYSTEMS: DESERTIFICATION OR XERIFICATION
Lang.: eng. 1986. Series title: *Nature (London)*. Vol.321(6070):p.562-563. ISSN 0028-0836
Descriptor: deserts * ecosystems * desertification * xerification
- 3732 *West, N.E*
TEMPERATE DESERTS AND SEMI-DESERTS (ECOSYSTEMS OF THE WORLD, 5)
Lang.: eng. Amsterdam: Elsevier. 1983. 522p. ISBN 44-41931-4
Descriptor: temperate zones * deserts * semideserts

- 3733 *Western Australia. Royal Commission*
REPORT OF THE ROYAL COMMISSION APPOINTED TO ENQUIRE INTO AND REPORT UPON THE FINANCIAL AND ECONOMIC POSITION OF THE PASTORAL INDUSTRY IN THE LEASEHOLD AREAS IN WESTERN AUSTRALIA
Lang.: eng. Perth: Government Printer. 1940
Descriptor: economic impact * livestock * agriculture
Geographical descriptor: Western Australia * Australia
- 3734 *Western, A.C.*
THE ECOLOGICAL INTERPRETATION OF ANCIENT CHARCOALS FROM JERICHO
Lang.: eng. 1971. **Series title**: *Levant* (London). Vol.3:p.31-40.
Note: British School of Archaeology in Jerusalem
Descriptor: ecology * history
Geographical descriptor: Jordan * Jericho * Middle East
- 3735 *Westin, F.C.*
RESOURCE INVENTORIES OF ARID AND SEMI-ARID LANDS USING LANDSAT
Lang.: eng. 1982. p.83-88. Note: (In) Remote Sensing of Arid and Semi-Arid Lands
Descriptor: arid land * developing countries * earth resources * Landsat satellites * remote sensing * soils * vegetation * semiarid lands
Geographical descriptor: Mauritania * South Dakota * Sudan * Africa
- 3736 *Wetherby, K.G.; Davies, W.J.; Matheson, W.E.*
WIND EROSION ON EYRE PENINSULA, 1975-1979
Lang.: eng. Doc. no.: S & WMR S6/81. Adelaide, Australia: Department of Agriculture. 1983. **Series title**: *Technical Report*. No.31. 42p. Note: On cover: AGDEX 571
Descriptor: wind erosion * drought * livestock * aid * crops * soil degradation * environmental impact * soil surveys * land management * technology
Geographical descriptor: Australia * Eyre Peninsula
- 3737 *Wetherell, H.I.; Holt, J.; Richards, P.*
DROUGHT IN THE SAHEL: A BROADER INTERPRETATION, WITH REGARD TO WEST AFRICA AND ETHIOPIA
Meeting or Conf.: Symposium on Drought in Botswana, Jun. 5-8, 1978, Gaborone, Proceedings
Lang.: eng. Worcester, MA: Clark University Press. 1979. p.131-141
Descriptor: drought * monitoring * social aspects * weather stations * planning * weather data
Geographical descriptor: Sahel * Ethiopia * Nigeria * West Africa * Africa
- 3738 *Wetzel, P.J.; Atlas, D.; Woodward, R.H.*
DETERMINING SOIL MOISTURE FROM GEOSYNCHRONOUS SATELLITE INFRARED DATA - A FEASIBILITY STUDY
Lang.: eng. Mar. 1984. **Series title**: *Journal of Climate and Applied Meteorology*. Vol.23:p.375-391. ISSN 0733-3021
Descriptor: feasibility analysis * Goes * satellites * infrared imagery * remote sensing * soil moisture * atmospheric attenuation * evapotranspiration * geosynchronous orbits * instrument errors * surface temperature
Geographical descriptor: Kansas * Nebraska
- 3739 *WGBH Television Station (Boston, Mass.)*
THE DESERT DOESN'T BLOOM HERE ANYMORE
Lang.: eng. Boston, MA: WGBH Television Station. 1987. **Series title**: *DNAL Videocassette*. No.150. Videocassette: 57 minutes. Note: Distributed by Coronet MTI Film & Video
Descriptor: audiovisuals * videorecordings * desertification * irrigation * environmental impact * salinization * agriculture * economics * deserts
- 3740 *Whipple, A.*
PLEASE PASS THE SALT
Lang.: eng. Oct. 3, 1987. **Series title**: *California Farmer*. Vol.267(5):p.18(3)
Descriptor: mining * salts * farming
- 3741 *White, G.F.*
DESERTS AS PRODUCING REGIONS TODAY
Lang.: eng. London, U.K.: Methuen. Paris: UNESCO. 1966. p.421-437. Note: (In) *Arid Lands: A Geographical Appraisal* by E.S. Hills (ed.)
Descriptor: arid land * natural resources * regional surveys * land resources * water resources development * deserts * land management * economic development
- 3742 *White, G.F.*
ENVIRONMENTAL EFFECTS OF ARID LAND IRRIGATION IN DEVELOPING COUNTRIES
Lang.: eng. Paris, France: UNESCO. 1978. **Series title**: *MAB Technical Notes*. 8. 67p. Note: Issued also in French
Descriptor: environmental impact * deserts * irrigation * economic development * irrigated agriculture
- 3743 *White, G.F.*
SCIENCE AND THE FUTURE OF ARID LANDS
Lang.: eng. Paris: UNESCO. 1960. 96p
Descriptor: tenure systems * arid land * vegetation * climatology * social aspects * irrigation * land management * erosion * land use * range management * natural resources * desertification * desiccation * nomads * climatic change * grazing * land resources * economic impact
- 3744 *White, G.F.*
UNRESOLVED ISSUES
Lang.: eng. Washington, D.C.: American Association for the Advancement of Science. 1970. p.481-491. Note: (In) *Arid Lands in Transition* by H.E. Dregne (ed.)
Descriptor: arid land * social aspects * law * political aspects * natural resources * environmental engineering * irrigation practices
- 3745 *White, G.F. (ed.)*
ENVIRONMENTAL EFFECTS OF ARID LAND IRRIGATION IN DEVELOPING COUNTRIES
Lang.: eng. Paris: UNESCO. 1978. **Series title**: *MAB Technical Notes*. 8. 67p
Descriptor: developing countries * irrigation * irrigation water * planning * irrigation practices * drainage * social aspects * environmental impact * ecosystems
- 3746 *White, L.P.*
BROUSSETIGREE PATTERNS IN SOUTHERN NIGER
Lang.: eng. 1970. **Series title**: *Journal of Ecology*. Vol.58(2):p.549-553
Descriptor: vegetal relationships * forests * runoff * plateaus * phytogeography * soil water plant relationships * Isoptera * rainfall runoff relationships * rainfall
Geographical descriptor: Niger * Africa
- 3747 *White, L.P.; Law, R.*
CHANNELLING OF ALLUVIAL DEPRESSION SOILS IN IRAQ AND SUDAN
Lang.: eng. 1969. **Series title**: *Journal of Soil Science*. Vol.20(1):p.84-90
Descriptor: alluvium * depressions * soil compaction * distribution patterns * geomorphology
Geographical descriptor: Iraq * Sudan * Middle East * Africa
- 3748 *White, L.P.*
VEGETATION ARCS IN JORDAN
Lang.: eng. 1969. **Series title**: *Journal of Ecology*. Vol.57(2):p.461-464
Descriptor: vegetation * phytogeography * xerophytes * halophytes * topography * environmental impact * soil water plant relationships
Geographical descriptor: Jordan * Middle East
- 3749 *White, R.C.L.*
DROUGHT OF EFFECTIVE RAINFALL FREQUENCY IN PASTORAL NEW SOUTH WALES, WEST OF THE WHEAT BELT
Lang.: eng. 1965. **Series title**: *Australia, Commonwealth Bureau of Meteorology Technical Publication* (Melbourne). 5
Descriptor: drought * rainfall * meteorology * rangelands
Geographical descriptor: New South Wales * Australia

- 3750 *Whiteman, A.J.*
A REVIEW OF THE PLEISTOCENE AND RECENT HISTORY OF SUDAN REPUBLIC
 Lang.: fre. 1971. **Series title:** Association Senegalaise pour l'Etude du Quaternaire de l'Ouest Africain. Bulletin de Liaison (Dakar). Vol.29:p.29-101
Descriptor: Pleistocene epoch * Holocene epoch * Quaternary period * history
Geographical descriptor: Sudan * Africa
- 3751 *Whitmore, J.S.*
SOME ASPECTS OF THE HYDROLOGY OF THE SEMI-ARID REGIONS
 Lang.: eng. 1963. **Series title:** South African Department of Water Affairs. Division of Hydrological Research. Technical Report. 27. 11p
Descriptor: drought * runoff * grazing systems * dams * rainfall * hydrology * surface water * land use * rainfall runoff relationships
Geographical descriptor: South Africa * Africa
- 3752 *Whitmore, J.S.*
THE INFLUENCE OF LOCALITY FACTORS ON MEAN ANNUAL RAINFALL
 Lang.: eng. 1967. **Series title:** South African Department of Water Affairs. Division of Hydrological Research. Technical Report. 40. 13p
Descriptor: rainfall * landforms * regional surveys
Geographical descriptor: South Africa * Africa
- 3753 *Whitmore, J.S.*
VARIABILITY OF ANNUAL RAINFALL IN THE REPUBLIC OF SOUTH AFRICA
 Lang.: eng. 1962. **Series title:** South African Department of Water Affairs. Division of Hydrological Research. Technical Report. 24. 8p
Descriptor: rivers * rainfall * surface water * hydrology * rainfall reliability * streamflow
Geographical descriptor: South Africa * Africa
- 3754 *Whitney, J.*
STRIKING A BLOW AGAINST DESERTIFICATION: COOPERATIVE INITIATIVE IN CHUNGWEI COUNTY, NINGHSIA-HUI AUTONOMOUS REGION, CHINA
 Lang.: eng. 1977. **Series title:** Economic Geography. Vol.53(4):p.381-384
Descriptor: desertification * sand control * dunes * social organization * social aspects * government policy * political aspects
Geographical descriptor: China * Ordos
- 3755 *Whitney, J.W.*
SAUDI ARABIA'S STABLE SAND SEAS
 Lang.: eng. 1981. 580p. ISSN 0016-7592. Note: (In) The Geological Society of America, 94th. Annual Meeting
Descriptor: sand seas
Geographical descriptor: Saudi Arabia * Middle East
- 3756 *Whitney, J.W.*
THE GEOLOGY AND GEOMORPHOLOGY OF THE HELMAND BASIN, AFGHANISTAN
 Lang.: eng. 1984. 239p
Descriptor: geology * geomorphology
Geographical descriptor: Helmand Basin * Afghanistan
- 3757 *Whyte, A.*
WATER CONTROL AND DESERTIFICATION, THE RESETTLED NOMADS OF DEH LURAN, IRAN
 Lang.: eng. 1977. **Series title:** Economic Geography. Vol.53(4):p.372-375
Descriptor: water management * desertification * nomads * settlements * adaptation * productivity * demography * population density * government policy * political aspects
Geographical descriptor: Deh Luran * Iran * Middle East
- 3758 *Whyte, R.O.*
EVOLUTION OF LAND USE IN SOUTH-WESTERN ASIA
 Lang.: eng. Paris: UNESCO. 1961. **Series title:** Arid Zone Research. Vol.17:p.57-118
Descriptor: tenure systems * history * land use * land resources * land reclamation * arid land * geomorphology * geology * hydrology * wildlife * social organization * grazing * range management * cultivation * salinity * climatic change * evolution
Geographical descriptor: Middle East
- 3759 *Whyte, R.O.*
THE USE OF ARID AND SEMI-ARID LAND
 Lang.: eng. London: Paris: Methuen. UNESCO. 1966. p.301-361. Note: (In) Arid Lands: A Geographic Appraisal by E.S. Hills (ed.)
Descriptor: arid land * semiarid lands * arid climate * semiarid climate * land use * land management * history * conservation * vegetation * grazing * social aspects * ecology * pastures * range management * limiting factors * economics * nomads * environmental impact * crop production * evolution * economic development * desertification
Geographical descriptor: Africa
- 3760 *Wickens, G.E.; Collier, F.W.*
SOME VEGETATION PATTERNS IN THE REPUBLIC OF THE SUDAN
 Lang.: eng. 1971. **Series title:** Geoderma. Vol.6(1):p.43-59
Descriptor: vegetation * phytogeography * distribution patterns * geology * soil types * physico-chemical properties of soil * soil moisture * plant ecology * vegetation effects * vegetation types * soil water plant relationships * arid land * agriculture * environment * environmental gradient * limiting factors * deserts * xerophytes * plant growth * climatology * geomorphology * geography
Geographical descriptor: Sudan * Kordofan * Africa
- 3761 *Wickens, G.E. (ed.); Goodin, J.R. (ed.); Field, D.V. (ed.)*
PLANTS FOR ARID LANDS
 Lang.: eng. London, U.K.: George Allen and Unwin. 1985. 452p. ISBN 0-04-581019-2
Descriptor: plants * arid land * agriculture * international aspects * plant growth
- 3762 *Wickramasinghe, A.*
ECOLOGICAL IMPACTS OF THE DRY ZONE FARMING SYSTEMS IN SRI LANKA
 Lang.: eng. Peradeniya, Sri Lanka: University of Peradeniya. 1987. **Series title:** Malaysian Journal of Tropical Geography. Vol.15:p.49-57
Descriptor: dry farming * desertification * cropping systems
Geographical descriptor: Sri Lanka
- 3763 *Widstrand, C.G.*
THE RATIONALE OF NOMAD ECONOMY
 Lang.: eng. 1975. **Series title:** Ambio. Vol.4(4):p.146-153
Descriptor: livestock * nomads * humans * economics * drought * arid land * water shortage * deserts * ecology * desert survival * overgrazing * environmental impact * pastoralism
Geographical descriptor: Africa
- 3764 *Wiener, A.*
COPING WITH WATER DEFICIENCY IN ARID AND SEMI-ARID COUNTRIES THROUGH HIGH-EFFICIENCY WATER MANAGEMENT
 Lang.: eng. 1977. **Series title:** Ambio. Vol.6(1):p.77-82
Descriptor: water shortage * planning * water management * water supply * social aspects * political aspects * economic impact
Geographical descriptor: Israel * Middle East
- 3765 *Wiener, A.*
THE DEVELOPMENT OF ISRAELI WATER RESOURCES
 Lang.: eng. 1972. **Series title:** American Scientist. Vol.60:p.466-473
Descriptor: water resources development
Geographical descriptor: Israel * Middle East

- 3766 *Wiersum, K.F. (ed.)*
STRATEGIES AND DESIGNS FOR AFFORESTATION, REFORESTATION AND TREE PLANTING
 Meeting or Conf.: International Symposium on Strategies and Designs for Afforestation, Reforestation and Tree Planting, Wageningen
 Lang.: eng. Wageningen, The Netherlands: Pudoc. 1984. 432p
Descriptor: afforestation * reforestation * biomass * energy * land management * water management * economic development * evaluation * remote sensing * environmental law * agroforestry
- 3767 *Wijkman, A.; Timberlake, L.*
NATURAL DISASTERS. ACTS OF GOD OR ACTS OF MAN?
 Lang.: eng. London, U.K.: Earthscan. 1984. 146p. ISBN 0-905347-54-4
Descriptor: natural disasters * drought * floods * earthquakes
- 3768 *Wilcocks, J.R.N.*
DESERT ENCROACHMENT IN SOUTH AFRICA
 Lang.: eng. Johannesburg: Witwatersrand University. 1977. 349p. Note: (Unpublished)
Descriptor: desertification * climatic fluctuations * aridity * vegetation change * hydrology * agriculture * overgrazing * habitats * bibliographies * ecology
Geographical descriptor: South Africa * Africa
- 3769 *Wilcox, D.G.; McKinnon, E.*
A REPORT ON THE CONDITION OF THE GASCOYNE CATCHMENT
 Lang.: eng. Perth, Australia: Western Australia Department of Agriculture. Pastoral Appraisal Board. 1972. 334p
Descriptor: catchments * soil water plant relationships * soil erosion * overgrazing * rangelands
Geographical descriptor: Western Australia * Australia
- 3770 *Wilhite, D.A.*
DROUGHT PREDICTION IN THE GREAT PLAINS: IS IT FEASIBLE?
 Lang.: eng. 1980. p.119-134. Note: (In) Drought in the Great Plains: Research on Impacts and Strategies
Descriptor: drought prediction * drought * forecasting
Geographical descriptor: Great Plains * USA
- 3771 *Wilkinson, M. J.*
ENVIRONMENTAL REPORT ON THE ARAB REPUBLIC OF EGYPT
 Lang.: eng. Tucson, AZ: University of Arizona. Office of Arid Lands Studies. May 1980. 158p
Descriptor: environmental surveys
Geographical descriptor: Egypt * Africa
- 3772 *Willet, J.W.*
AREA SAMPLING FRAMES FOR AGRICULTURE IN DEVELOPING COUNTRIES
 Lang.: eng. 1982. **Serialtitle:** AID Research and Development Abstracts. Vol.10(1-2):p.64
Descriptor: sampling * methodology * developing countries
- 3773 *Williams, M.*
DESERTIFICATION AND TECHNOLOGICAL ADJUSTMENT IN THE MURRAY MALLEE OF SOUTH AUSTRALIA
 Lang.: eng. 1978. **Serialtitle:** Search. Vol.9(7):p.265-268
Descriptor: desertification * social aspects * dry farming * cropping systems * environmental variability * dunes * soil stabilization * plant establishment
Geographical descriptor: Murray Mallee * Australia
- 3774 *Williams, M.*
THE SPREAD OF SETTLEMENT IN SOUTH AUSTRALIA
 Lang.: eng. Melbourne: Oxford University Press. 1969. p.1-50. Note: (In) Settlement and Encounter by F. Gale and G.H. Lawton (eds)
Descriptor: history * settlements
Geographical descriptor: South Australia * Australia
- 3775 *Williams, M.A.J.*
A DUNE CATENA ON THE CLAY PLAINS OF THE WEST CENTRAL GEZIRA, REPUBLIC OF THE SUDAN
 Lang.: eng. 1968. **Serialtitle:** Journal of Soil Science. Vol.19(2):p.367-378
Descriptor: sand * dunes * catenas * plains * clay loam * stream channels * alluvium
Geographical descriptor: Sudan * Nile River * Gezira * Africa
- 3776 *Williams, M.A.J.*
AGE OF ALLUVIAL CLAYS IN THE WESTERN GEZIRA, REPUBLIC OF THE SUDAN
 Lang.: eng. 1966. **Serialtitle:** Nature. Vol.211(5046):p.270-271
Descriptor: clay * alluvial land * flood plains * fluvial process * plains * sedimentation * geomorphology
Geographical descriptor: Sudan * Nile River * Gezira * Africa
- 3777 *Williams, M.A.J.*
GEOMORPHOLOGY AND QUATERNARY GEOLOGY OF ADRAR ECUS
 Lang.: eng. 1971. **Serialtitle:** Geographical Journal. Vol.137(4):p.450-455. Note: (In) The British Expedition to the Air Mountains by D.N. Hall (ed.)
Descriptor: Quaternary period * stratigraphy * prehistory * flora * rainfall
Geographical descriptor: Niger * Africa
- 3778 *Williams, M.A.J.; Adamson, D.A.*
LATE PLEISTOCENE DESICCATION ALONG THE WHITE NILE
 Lang.: eng. 1974. **Serialtitle:** Nature. Vol.248(5449):p.584-586
Descriptor: Pleistocene epoch * calcite * dolomite * sedimentation * dessication * geomorphology
Geographical descriptor: Sudan * White Nile River * Africa
- 3779 *Williams, M.A.J.*
QUATERNARY ENVIRONMENTS IN NORTHERN AFRICA
 Lang.: eng. 1982. p.13-22. ISBN 90-6191-096-X. Note: (In) A Land Between Two Niles: Quaternary Geology and Biology of the Central Sudan, by M.A.J. Williams (ed.)
Descriptor: environmental surveys * geology * biology * Quaternary period
Geographical descriptor: Africa * Nile Valley
- 3780 *Williams, M.A.J.*
SOIL SALINITY IN THE WEST CENTRAL GEZIRA, REPUBLIC OF THE SUDAN
 Lang.: eng. 1968. **Serialtitle:** Soil Science. Vol.105:p.451-464
Descriptor: soil texture * salinity * physico-chemical properties of soil * topography * sedimentation * saline soils
Geographical descriptor: Sudan * Gezira * Africa
- 3781 *Williams, M.A.J.; Adamson, D.A.*
THE PHYSIOGRAPHY OF THE CENTRAL SUDAN
 Lang.: eng. 1973. **Serialtitle:** Geographical Journal. Vol.139(3):p.498-508
Descriptor: clay * sand * dunes * sedimentation * mineral deposits * geomorphology
Geographical descriptor: Sudan * Nile River * Gezira * Africa
- 3782 *Williams, O.B.; Suijendorp, H.; Wilcox, D.G.*
AUSTRALIA: GASCOYNE BASIN An Associated Case Study
 Meeting or Conf.: United Nations Conference on Desertification, Nairobi, Aug. 29-Sep. 9, 1977
 Lang.: eng. UN Doc. no.: A/Conf. 74/12. 1977. 177p
Descriptor: overgrazing * desertification * sheep * remote sensing * monitoring * livestock * range management * cost economic analysis * case studies
Geographical descriptor: Australia * Western Australia
- 3783 *Williams, O.B.*
DESERTIFICATION IN THE PASTORAL RANGELANDS OF THE GASCOYNE BASIN, WESTERN AUSTRALIA
 Lang.: eng. 1978. **Serialtitle:** Search. Vol.9(7):p.257-261
Descriptor: desertification * overgrazing * range management * sheep * plant establishment * revegetation * Acacia aneura * pastures * shrubs * weeds
Geographical descriptor: Australia * Western Australia

- 3784 *Williams, O.B.; Suijndorp, H.; Wilcox, D.G*
THE GASCOYNE BASIN
 Lang.: eng. London, U.K.: Pergamon Press. 1980. p.3-106.
 Note: (In) Desertification by M.R. Biswas and A.K. Biswas (eds.), 523p
Descriptor: maps * desertification control * range management * case studies
Geographical descriptor: Australia * Western Australia * Gascoyne Basin
- 3785 *Williams, R.S*
PROCESSTHRESHOLDS: REPORT OF WORKING GROUP NUMBER 3
 Lang.: eng. 1985. p.106-108. Note: (In) Global Mega-Geomorphology by R.S. Hayden (ed.)
Descriptor: process thresholds * mega geomorphology * global surveys * geomorphology
- 3786 *Wilshire, H.G*
HUMAN FACTORS IN ARID LANDS
 Lang.: eng. 1984. 19p. ISSN 0364-6017. Note: (In) A Workshop on Desert Processes, by J.F. McCauley and J.N. Rinker (eds.)
Descriptor: human ecology * arid land
- 3787 *Wilson, A.D. (ed.)*
STUDIES OF THE AUSTRALIAN ARID ZONE2: Animal Production
 Lang.: eng. CSIRO, Division of Land Resources Management. 1974. 160p
Descriptor: plant cover * overgrazing * plant communities * soil erosion * ecology * mammals * sheep * cattle * rangelands * range management * revegetation * vegetation change * livestock
Geographical descriptor: Australia
- 3788 *Wilson, A.W*
TECHNOLOGY, REGIONAL INTERDEPENDENCE AND POPULATION GROWTH: TUCSON, ARIZONA
 Lang.: eng. 1977. **Series title:** Economic Geography. Vol.53(4):p.388-392
Descriptor: agriculture * groundwater extraction * water management
Geographical descriptor: Arizona * Tucson Basin * Sonoran Desert * Southwestern U.S
- 3789 *Wilson, A.W*
THE SONORAN DESERT: THE IMPACT OF URBANIZATION
 Meeting or Conf.: Consortium of Arid Lands Institutions (CALI) Conference, 2d, Tucson, Arizona
 Lang.: eng. 1976. 11p. Note: (In) Past, Present, and Futures of the Desert: The Sonoran Example
Descriptor: urban areas * environmental impact * vegetation change
Geographical descriptor: Sonoran Desert * Arizona * Southwestern U.S
- 3790 *Wilson, B.H*
A MINI-GUIDE TO THE WATER RESOURCES OF BOTSWANA
 Meeting or Conf.: Symposium on Drought in Botswana, June 5-8, 1978, Gaborone, Proceedings
 Lang.: eng. Botswana Society. Clark University Press. 1979. p.59-68
Descriptor: water resources * hydrology maps * rainfall reliability * boreholes * drought * groundwater recharge * dams * aquifers * evapotranspiration
Geographical descriptor: Botswana * Africa
- 3791 *Wily, E*
AN ASPECT OF WARNING SYSTEMS FOR DROUGHT: INFORMATION COLLECTING IN THE DISTRICTS
 Meeting or Conf.: Symposium on Drought in Botswana, Jun. 5-8, 1978, Gaborone, Proceedings
 Lang.: eng. Botswana Society. Clark University Press. 1979. p.211-218
Descriptor: monitoring * drought * rainfall * livestock * grazing * alternative planning * forecasting * evaluation
Geographical descriptor: Botswana
- 3792 *Winckler, G*
DESERTIFIKATIONSBEKAEMPfung IN BURKINA-FASO. KONFLIKTE ZWISCHEN KLEINBAEUERLICHEN MASSNAHMEN UND STAATLICHEN PROGRAMMEN(Fighting the Desertification in Burkina-Faso)
 Lang.: ger. 1984. **Series title:** Entwicklung und Laendlicher Raum. Vol.18(6):p.15-18
Descriptor: desertification * erosion control * agricultural policy * agricultural development * development aid * economic development * natural disasters
Geographical descriptor: Burkina Faso * Francophone Africa * Africa South of Sahara * Africa
- 3793 *Winstanley, D*
AFRICA IN DROUGHT: A CHANGE OF CLIMATE?
 Lang.: eng. Apr 1985. **Series title:** Weatherwise. Vol.38(2):p.74-81. ISSN 0043-1672
Descriptor: drought * rain * statistics * mean annual rainfall * weather * climatic change
Geographical descriptor: Africa
- 3794 *Winstanley, D*
CLIMATIC CHANGES AND THE FUTURE OF THE SAHEL
 Lang.: eng. New York: Praeger. 1976. p.189-213. Note: (In) The Politics of Natural Disaster: The Case of the Sahel Drought by M.H. Glantz (ed.)
Descriptor: climatic change * drought * social aspects * economic impact * climatic maps
Geographical descriptor: Sahel * Africa
- 3795 *Winstanley, D*
DESERTIFICATION: A CLIMATOLOGICAL PERSPECTIVE
 Meeting or Conf.: Deserts and Desertification: Geological and Climatological Perspectives, United States, March 1981, American Association for the Advancement of Science, Committee on Desert and Arid Zones Research, Symposium
 Lang.: eng. Albuquerque, NM: University of New Mexico Press. 1983. p.185-211. Note: (In) Origin and Evolution of Deserts by S.G. Wells and D.R. Haragan (eds.)
Descriptor: soil fertility * desertification * evolution of deserts * climate
Geographical descriptor: Africa
- 3796 *Winstanley, D*
DROUGHT IN THE SAHEL ZONES: SEVERITY, CAUSES AND PROSPECTS
 Lang.: eng. 1973. 9p. Note: Paper submitted to the Symposium on Drought in Africa, held Jul. 19-20, 1973
Descriptor: aid * drought * desertification * weather patterns * isohyets * rainfall * intertropical discontinuity * meteorology * atmospheric circulation * developing countries
Geographical descriptor: Sahel * Mauritania * Mali * Niger * Sudan * Sahara
- 3797 *Winstanley, D*
RAINFALL PATTERNS AND GENERAL ATMOSPHERIC CIRCULATION
 Lang.: eng. 1973. **Series title:** Nature. Vol.245:p.190-194
Descriptor: rainfall * weather patterns * weather data * atmospheric circulation * weather forecasting * transhumance * arid climate * climatology * planning * political aspects
Geographical descriptor: Middle East * India * Sahel * Sahara * Africa
- 3798 *Winstanley, D*
RECENT RAINFALL TRENDS IN AFRICA, THE MIDDLE EAST AND INDIA
 Lang.: eng. 1973. **Series title:** Nature. Vol.245(5408):p.464-465
Descriptor: wet seasons * winds * meteorology * monsoons * weather patterns * rainfall * drought * winter precipitation
Geographical descriptor: Africa * Middle East * India
- 3799 *Winterbottom, J.M*
BIRDS
 Lang.: eng. The Netherlands: Hague. 1978. Vol.2:p.949-979. Note: (In) Biogeography and Ecology of Southern Africa by M.J.A. Werger (ed.)
Descriptor: birds * climatic fluctuations * paleoclimatology * zoogeography * ecology * wildlife
Geographical descriptor: Botswana * Africa

- 3800 *Winterbottom, J.M*
WATER AND WILD LIFE
 Lang.: eng. 1971. **Series title:** South African Journal of Science. Vol.67(3):p.101-102
Descriptor: wildlife * ungulate * wildlife habitats * soil erosion * wildlife management * grazing * water holes
Geographical descriptor: Kalahari Desert * South Africa * Africa
- 3801 *Wisner, B*
CONSTRUCTION OF A LIVELIHOOD SYSTEM: THE PEASANTS OF THARAKA DIVISION, MERU DISTRICT, KENYA
 Lang.: eng. 1977. **Series title:** Economic Geography. Vol.53(4):p.353-357
Descriptor: economic impact * social aspects * desertification * food habits * human activity
Geographical descriptor: Kenya * Africa
- 3802 *Wisner, B*
UHURU NA NJAA: DROUGHT-FAMINE AND THE GEOGRAPHY OF LIBERATION
 Lang.: eng. University of Dar es Salaam. 1973
Descriptor: drought * cultural geography * famine
Geographical descriptor: Tanzania * Africa
- 3803 *Wittfogel, K.A*
THE HYDRAULIC CIVILIZATIONS
 Lang.: eng. Chicago: University of Chicago Press. 1956. Note: (In) Man's Role in Changing the Face of the Earth by W.L. Thomas, Jr. (ed.)
Descriptor: history * social aspects * agriculture * irrigation
Geographical descriptor: India * China * Mesopotamian Plain * Peru * Mexico * Africa * Middle East
- 3804 *Wollman, N*
THE WATER RESOURCES OF CHILE: AN ECONOMIC METHOD FOR ANALYZING A KEY RESOURCE IN A NATION'S DEVELOPMENT
 Lang.: eng. Baltimore, MD: Johns Hopkins Press. 1968. 279p
Descriptor: water resources development * irrigation programs * water supply * regional analysis * hydrology * waste water treatment * water costs * water quality
Geographical descriptor: Chile * South America
- 3805 *Woodbury, R.B*
INDIAN ADAPTATION OF ARID ENVIRONMENTS
 Lang.: eng. 1963. **Series title:** American Association for the Advancement of Science Publication. Vol.74:p.55-85. Note: (In) Aridity and Man by C. Hodge and P.C. Duisberg (eds)
Descriptor: American Indians * social aspects * migration * social organization * history * arid land * semiarid climate * dry farming * range management * water spreading * drought * adaptation
Geographical descriptor: Southwestern U.S. * Great Basin * Great Plains
- 3806 *Woodbury, R.B. (ed.)*
CIVILIZATIONS IN DESERT LANDS
 Lang.: eng. University of Utah. 1962. **Series title:** University of Utah. Anthropological Papers. 62. 88p
Descriptor: deserts * humans * social aspects * agriculture * irrigation practices * settlements
Geographical descriptor: Iraq * Egypt * Southwestern U.S. * Mesopotamian Plain * Turkey * Syria * Israel * Pakistan * India * Mexico * Arabian Desert * Africa * Middle East * Africa
- 3807 *Woods, L.E*
Australia. Department of Home Affairs and Environment. Australian Environment Statistics Project
LAND DEGRADATION IN AUSTRALIA
 Lang.: eng. Canberra, Australia: Australia Government Publishing Service. 1983. xi, 105p
Descriptor: soil degradation * desertification control * erosion control * environmental conservation * land management * forestry * transport * tourism * recreation * agricultural production * water erosion * wind erosion
Geographical descriptor: Australia
- 3808 *Woods, S*
PLAN FOR SAHEL REHABILITATION
 Lang.: eng. Summer 1982. **Series title:** Environmental Conservation. Vol.12(2):p.182
Descriptor: environmental protection
Geographical descriptor: Sahel * Africa
- 3809 *World Bank*
DESERTIFICATION CONTROL AND RENEWABLE RESOURCE MANAGEMENT IN THE SAHELIAN AND SUDANIAN ZONES OF WEST AFRICA
 Lang.: eng. Washington, DC: World Bank. 1987. viii, 119p
Descriptor: desertification control * renewable resources * resource management
Geographical descriptor: Sahel * Sudan * West Africa
- 3810 *World Bank*
THE CONSEQUENCES OF RAPID POPULATION GROWTH
 Lang.: eng. 1984. Note: (In) World Bank World Development Report
Descriptor: population growth * economic conditions * social factors
- 3811 *World Bank*
TOWARD SUSTAINED DEVELOPMENT: A JOINT PROGRAM OF ACTION FOR SUB-SAHARAN AFRICA
 Lang.: eng. 1984. **Series title:** Finance and Development. Vol.21(4):p.29-30
Descriptor: development policy * reports * sustained agriculture
Geographical descriptor: Sub-Saharan Africa * Africa
- 3812 *World Meteorological Organization*
AGROCLIMATOLOGY IN THE SEMI-ARID AREAS SOUTH OF THE SAHARA
 Meeting or Conf.: The Regional Technical conference, Dakar, 1971, proceedings
 Lang.: eng. Geneva: World Meteorological Organization. 1973. **Series title:** World Meteorological Organization Publication. No.340. 253p. Note: (Sponsored by) FAO/UNESCO/WMO Interagency Project on Agroclimatology
Descriptor: agroclimatology * rainfall reliability * semiarid climate * summer precipitation
Geographical descriptor: Sahel * Africa
- 3813 *World Meteorological Organization*
ARTIFICIAL INDUCEMENT OF PRECIPITATION WITH SPECIAL REFERENCE TO THE ARID AND SEMI-ARID REGIONS OF THE WORLD
 Lang.: eng. World Meteorological Organization. 1954. **Series title:** World Meteorological Organization. Technical Note. 1. 24p
Descriptor: weather modification * artificial precipitation * weather data * meteorological data * bibliographies * global surveys * dry season * precipitation deficit * arid land * semiarid climate * arid climate
- 3814 *World Meteorological Organization. Commission for Agricultural Meteorology*
DROUGHT AND AGRICULTURE
 Lang.: eng. Geneva: World Meteorological Organization. Commission for Agricultural Meteorology. 1975. **Series title:** World Meteorological Organization. Commission for Agricultural Meteorology Technical Note. No.138. 127p
Descriptor: drought * drought tolerance * soil erosion * water balance * aridity index * agrometeorology * pastures * planting management * desiccation * livestock * analytical methods * water requirements * meteorological data
- 3815 *Worral, G.A*
PATCHINESS IN VEGETATION IN THE NORTHERN SUDAN
 Lang.: eng. 1960. **Series title:** Journal of Ecology. Vol.48(1):p.107-115
Descriptor: vegetation * phytography * soil water plant relationships * soil moisture * topography
Geographical descriptor: Sudan * Africa

- 3816 *Worsley, R.R.*
THE HYDROGEN-ION CONCENTRATION OF EGYPTIAN SOILS
Lang.: eng. Cairo, Egypt: Govt. Press. 1929. **Serialtitle:** Egypt.Ministry of Agriculture Technical and Scientific Services Bulletin. No.83. 34p
Descriptor: hydrogen ions * soil analysis
Geographical descriptor: Egypt
- 3817 *Worthington, E.B.*
ARID LAND IRRIGATION IN DEVELOPING COUNTRIES: ENVIRONMENTAL PROBLEMS AND EFFECTS: BASED ON THE INTERNATIONAL SYMPOSIUM, 16-2 FEBRUARY 1976, ALEXANDRIA, EGYPT: 1st ed
Lang.: eng. Oxford, U.K.: Pergamon Press. 1977. xi, 463p
Descriptor: irrigation * deserts * environmental impact * water resources * case studies * economic development * human health * soil surveys * economic development * water quality * land management * fisheries * developing countries
- 3818 *Woytek, R.*
SOIL EROSION CONTROL AND AGROFORESTRY IN THE WEST USAMBARA MOUNTAINS: EVALUATION OF AN EXTENSION APPROACH
Lang.: eng. Berlin, Germany: Technical University of Berlin. Centre for Advanced Training in Agricultural Development. 1987. **Serialtitle:** Schriftenreihe des Fachbereichs No.111. xv, 281p. Note: Summary in Swahili
Descriptor: desertification control * erosion control * climate * natural resources * soil degradation * economic development * demography * agroforestry * soil surveys * technology * agricultural production * livestock
Geographical descriptor: Tanzania * Africa
- 3819 *Wright, E.P.*
WATER RESOURCES FOR HUMAN, LIVESTOCK AND IRRIGATION
Lang.: eng. London: Overseas Development Institute. 1986. p.25-37. Note: (In) Agricultural Development in Drought-Prone Africa by L.J. Foster (ed.)
Descriptor: irrigation * water resources * drought * livestock * agricultural development
Geographical descriptor: Africa
- 3820 *Wright, H.E. Jr*
ENVIRONMENTAL CHANGES AND THE ORIGIN OF AGRICULTURE IN THE NEAR EAST
Lang.: eng. 1970. **Serialtitle:** Bioscience. Vol.20(1):p.210-212
Descriptor: agriculture * environmental variability * history * archaeology * palynology * Pleistocene epoch * paleoclimatology * crop production * climatic change * settlements * radiocarbon dating * social aspects * domestic animals
Geographical descriptor: Turkey * Iraq * Iran * Middle East
- 3821 *Wright, H.E. Jr*
NATURAL ENVIRONMENT OF EARLY FOOD PRODUCTION NORTH OF MESOPOTAMIA
Lang.: eng. 1968. **Serialtitle:** Science. Vol.161:p.334-339
Descriptor: environment * crop production * history
Geographical descriptor: Mesopotamian Plain * Middle East
- 3822 *Wright, H.E. Jr*
STRATIGRAPHY OF LAKE SEDIMENTS AND THE PRECISION OF THE PALAEOCLIMATIC RECORD
Lang.: eng. London: Royal Meteorological Society. 1966. p.157-173. Note: (In) World Climate from 8000 - 0 B.C., Proceedings of the International Symposium
Descriptor: paleoclimatology * quaternary period * stratigraphy * palynology * sediments * lakes
Geographical descriptor: Iran * Middle East
- 3823 *Wright, R.A.*
ASPECTS OF DESERTIFICATION IN PROSOPIS DUNELANDS OF SOUTHERN NEW MEXICO. U.S.A
Lang.: eng. 1982. **Serialtitle:** Journal of Arid Environments. Vol.5(3):p.277-284
Descriptor: soil fertility * desertification * dunes
Geographical descriptor: New Mexico
- 3824 *Wright, R.A.; Honea, J.J.I*
ASPECTS OF DESERTIFICATION IN SOUTHERN NEW MEXICO, U.S.A.: SOIL PROPERTIES OF A MESQUITE DUNELAND AND A FORMER GRASSLAND
Lang.: eng. 1986. **Serialtitle:** Journal of Arid Environments. Vol.11(2):p.139-145
Descriptor: Prosopis glandulosa * ecology * Sporobolus flexuosus * Aristida * Tridens pulchellus * nitrogen * soil * desertification * salts * dunes * Physico-chemical properties of soils
Geographical descriptor: New Mexico
- 3825 *Wu, Z.*
PRELIMINARY STUDY OF FORMATION OF THE TAKLAMAH DESERT
Lang.: chi. 1981. **Series title:** Acta Geographica Sinica. Vol.36(3):p.279-291. ISSN 0375-5444
Descriptor: desert formation * deserts
Geographical descriptor: Taklamah Desert * China
- 3826 *Wulff, H.E.*
QANATS OF IRAN
Lang.: eng. 1968. **Series title:** Scientific American. Vol.218(4):p.94-105
Descriptor: qanats * groundwater
Geographical descriptor: Iran * Middle East
- 3827 *Wyrki, K.*
TELECONNECTIONS IN THE EQUATORIAL PACIFIC OCEAN
Lang.: eng. 1973. **Serialtitle:** Science. Vol.180(4081):p.66-68
Descriptor: El Nino * ocean currents * water temperature * climate
Geographical descriptor: Central America
- 3828 *Yaalon, D.H.; Ganor, E.*
EAST MEDITERRANEAN TRAJECTORIES OF DUST-CARRYING STORMS FROM THE SAHARA AND SINAI
Lang.: eng. 1979. **Serialtitle:** Scope. No.14:p.187-193. Note: (In) Saharan Dust: Mobilization, Transport, Deposition by C. Morales, ed., 279p
Descriptor: deserts * dust * wind erosion * wind energy
Geographical descriptor: North Africa * Israel
- 3829 *Yaalon, D.H.; Dan, J.*
FACTORS CONTROLLING SOIL FORMATION AND DISTRIBUTION IN THE MEDITERRANEAN COASTAL PLAIN OF ISRAEL DURING THE QUATERNARY
Meeting or Conf.: Inqua Congress, 7th, Boulder-Denver, 1965
Lang.: eng. 1967. **Series title:** Quaternary Soils. Vol.9:p.322-338
Descriptor: Quaternary period * coastal plains * paleosols * soil formation * eolian soils * soil erosion * dunes * vegetation effects * calcareous soils * soil formation * alluvium * soil types * sedimentation * water level * human activity
Geographical descriptor: Israel * Middle East
- 3830 *Yaalon, D.H.; Ginzbourg, D.*
SEDIMENTARY CHARACTERISTICS AND CLIMATIC ANALYSIS OF EASTERLY DUST STORMS IN THE NEGEV (ISRAEL)
Lang.: eng. 1966. **Series title:** Sedimentology. Vol.6(4):p.315-332
Descriptor: dust storms * sediments * sediment transport * meteorology * loess * climatic data * eolian soils * wind action
Geographical descriptor: Israel * Negev * Middle East
- 3831 *Yaalon, D.H.; Ganor, E.*
THE CLIMATIC FACTOR OF WIND ERODIBILITY AND DUST BLOWING IN ISRAEL
Lang.: eng. 1966. **Serialtitle:** Israel Journal of Earth Sciences. Vol.15(1):p.27-32
Descriptor: wind erosion * dust storms * wind velocity * climatic data * regional surveys
Geographical descriptor: Israel * Negev * Middle East

- 3832 *Yadav, J.S.P.; Bandyopadhyaya, A.K.; Rao, K.V.G.K.; et al*
COASTAL SALINE SOILS OF INDIA
Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1979. **Series title:** *Bulletin*. No.5. 34p
Descriptor: saline soils * climate * rivers * groundwater * water resources * drainage * water quality * soil improvement
Geographical descriptor: India
- 3833 *Yadav, J.S.P.; Bandyopadhyaya, A.K.; Rao, K.V.G.K.; et al*
MANAGEMENT OF COASTAL SALINE SOILS OF SUNDARBANS
Lang.: eng. Karnal, India: Central Soil Salinity Research Institute. 1987. **Series title:** *ICAR Bulletin*. No.7. 32p
Descriptor: saline soils * soil improvement * land management * climate * drainage * soil surveys * soil conservation * irrigation
Geographical descriptor: India
- 3834 *Yafong, B*
DESERTIFICATION OF THE SAHEL IN THE MALI REPUBLIC
Lang.: rus. 1982. **Series title:** *Lesovodstvo, Lesnye Kul'tury i Pochvovedenie* No.11:p.74-76
Descriptor: arid land * fuelwood * deforestation
Geographical descriptor: Mali * Africa
- 3835 *Yagdyev, N*
ON THE RESTORATION OF SAXAULS IN EASTERN KARAKUMS
Lang.: rus. 1967. **Series title:** *Uchennyye Zapiski Turkmenskogo Universiteta*. Vol.47:p.19-30
Descriptor: Haloxylon ammodendron * reforestation * bibliographies * experiments * models
Geographical descriptor: Karakum Desert * Repetek * Turkmen SSR * USSR
- 3836 *Yair, A*
ENVIRONMENTAL EFFECTS OF LOESS PENETRATION INTO THE NORTHERN NEGEV DESERT ISRAEL
Lang.: eng. 1987. **Series title:** *Journal of Arid Environments*. Vol.13(1):p.9-24
Descriptor: loess penetration * deserts * environmental impact
Geographical descriptor: Negev Desert * Israel * Middle East
- 3837 *Yair, A*
GEOMORPHOLOGICAL PROCESSES ON MARL SLOPES
Lang.: eng. 1971. **Series title:** *Jerusalem Studies in Geography*. Vol.2:p.156-190
Descriptor: slopes * slope stability * runoff * erosion * geomorphology * interfluves * topography * terraces
Geographical descriptor: Israel * Lake Tiberias * Middle East
- 3838 *Yair, A*
OBSERVATION SUR LES EFFETS D'UN RUISSELLEMENT DIRIGE SELON LA PENTE DES INTERFLUVES DANS UNE REGION SEMI-ARIDE D'ISRAEL (Observation on the Effects of Runoff Directed Along the Slope of Interfluves in a Semi-Arid Region of Israel)
Lang.: fre. 1972. **Series title:** *Revue de Géographie Physique et de Géologie Dynamique*. Vol.14(5):p.537-548
Descriptor: runoff * interfluves * arid land * flow * flow measurement * sediment transport * soil erosion * slopes * geomorphology
Geographical descriptor: Israel * Middle East
- 3839 *Yair, A.; Sharon, D.; Lavee, H*
TRENDS IN RUNOFF AND EROSION PROCESSES OVER AN ARID LIMESTONE HILLSIDE, NORTHERN NEGEV, ISRAEL
Lang.: eng. 1980. **Series title:** *Hydrological Science Bulletin*. Vol.25(3):p.243-267
Descriptor: runoff * erosion * arid land * limestone * deserts
Geographical descriptor: Negev * Israel * Middle East
- 3840 *Yakubov, T.F.; Bepalova, R.Y*
SOIL FORMATION PROCESSES DURING THE INVASION OF SANDS BY PLANTS IN THE NORTHERN DESERTS OF THE CASPIAN REGION
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Geographical descriptor: Turkmen SSR * USSR
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Descriptor: Acacia * gum arabic * afforestation * cooperative activities * development projects * production * marketing * desertification * Acacia * development plans * economic plants * fodder crops * feed legumes * forestry practices * gum plants * industrial crops * Leguminosae * Mimosoideae * natural disasters * planning
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