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Programme



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MEDITERRANEAN ACTION PLAN

XXIII Meeting of the Inter-Agency
Advisory Committee (IAAC) for MED POL

Athens, 8-11 January 1990

Report of the XXIII Meeting of the Inter-Agency
Advisory Committee (IAAC) for MED POL

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1. The XXIII IAAC Meeting was held in Athens, 8-11 January 1990. The list of participants appears as annex I.

Agenda item 1.

2. Mr. A. Manos opened the meeting, welcomed the participants to the UNEP office in Athens and made some comments on the progress of the Mediterranean Action Plan and its MED POL component towards the targets of 1995. He noted, on the positive side, the unanimous adoption by the Contracting Parties of the 1990-1991 programmes, of 4 new measures for the LBS implementation, the launching of new programmes on the part of the EEC (Medspa) the World Bank and the European Investment Bank (Mediterranean Programme and METAP) as well as the Adriatic Initiative. There was generally a new sense of urgency at the governmental level to protect the marine environment. At the same time, the objective of MED POL was not yet reached since the flow of data on all parameters and components, from all the coastal States, was far from complete and the exchange of data among various programmes was very limited. Mr. Manos also referred to the recent approval by the Fund of UNEP of the new Mediterranean project that would formally replace the separate projects existing before. He stressed that there would be no change in the nature of the relationship between UNEP/MAP and the Agencies in the implementation of MED POL which had been very satisfactory for many years.

3. Mr. L. Jeftic acted as chairman and Mr. F.S. Civili as secretary of the meeting.

Agenda item 2.

4. Under Agenda item 2, the Agenda was adopted as it appears in annex II. The list of documents appears as annex III.

Agenda item 3.

5. Under Agenda item 3, the status of the monitoring activities was reviewed. In discussing document UNEP(OCA)/MED WG. 11/3 (annex IV), the committee agreed that a more detailed analysis and presentation of the national monitoring programmes had to be made for the 1990 Joint Committees' meeting. In particular, a comparison between the programme proposed by each country and the related data submitted should be prepared.

Agenda item 4

6. Under Agenda item 4, the committee examined document UNEP(OCA)/MED WG. 11/4 and a new updated version of the document appears as annex V.

7. The committee also discussed the procedures and the timetable that countries should follow for the implementation of the 1990 monitoring activities; it was therefore agreed to send a reminder about the 1990 National Programme by February 1990: the programme should be sent by May 1990 together with 1988 data if not yet submitted; 1989 data should be sent by November 1990 together with the proposed programme for 1991; the same schedule should be followed in the years to come. The monitoring data, as soon as they are received, should be examined by the cooperating agencies who should check if they are complete and

if they correspond to the programme described in the signed agreement. Data on microbial pollution and sources would be the responsibility of WHO, data on biota would be the responsibility of FAO, data on water and sediments would be the responsibility of IAEA, data on petroleum hydrocarbons, physical parameters and nutrients would be the responsibility of IOC, while data on airborne pollution would be the responsibility of WMO.

8. In discussing the implementation of the monitoring of plankton blooms, it was agreed that a letter should be sent in January by the secretariat to the National Coordinators as well as, slightly modified, to some selected participants to the Plankton blooms meeting held in Athens in March 89, asking for information on institutions involved in this type of monitoring, for detailed scientific and technical information on on-going projects and on major episodes of blooms of the last years. Subsequently, a small expert meeting (5/6 scientists) would be organized by March 1990 to prepare an operational document for a pilot monitoring programme which should be carried out by a limited number of expert institutions. This activity should closely follow up the implementation of the "Adriatic Initiative" and become, if possible, one of its components.

9. In the course of the discussion on the data quality assurance programme for chemical contaminants, the need to involve Yugoslav institutions in the programme related to organochlorine compounds was pointed out.

10. As to the preparation of the "State of Pollution of the Mediterranean Sea", after a lengthy discussion on various alternatives related to its content, while it was agreed to use the opportunities given by meetings and contacts with scientists to discuss the various possibilities, the committee considered essential to recruit, after the volume is prepared, a scientific editor to uniform the style of the publication.

11. In discussing the need for consultants, the following subjects (assessment documents) were identified as potentially needing consultants: organohalogen compounds; organophosphorus compounds; zinc, copper and selenium; crude oils; phosphorus, eutrophication, plankton blooms and oxygen; thermal pollution; data processing.

12. The meeting reviewed document UNEP(OCA)/MED WG. 11/5 and amended the list of meetings for 1990 and 1991 as it appears in annex VI to this report.

13. The Committee took note of document UNEP(OCA)/MED WG. 11/6 and it was agreed that the missing information on training and fellowships would be sent by each Agency to the secretariat not later than the end of January 1990. (The document contains 113 pages and therefore for practical reasons is not annexed to this report).

14. After examining document UNEP(OCA)/MED WG. 11/11, the meeting took note of the volumes issued in 1989 and agreed on a provisional list of MAP Technical Report series which would be prepared in 1990. The two lists appear as annex VII to this report.

Agenda item 5.

15. The Committee examined documents UNEP(OCA)/MED WG. 11/7 and WG. 11/8 and reviewed the on-going research projects as well as the newly submitted research proposals (annex VIII). It was agreed that by the end of January 1990 each Agency would update the two documents and would send them amended to the secretariat.

16. A discussion followed on the procedure for reporting on the computerized list the status of each project and, among others, it was agreed that completed projects would be reported as COM (completed) on the year following the expiration date of the contract even if the final report was not submitted.

17. The representative of FAO requested that final reports of projects on organophosphorus and organotin be copied to his Agency even if followed by other Agencies.

18. The Committee also agreed that the names of principal investigators not properly responding to the commitments contained in the contracts should be pointed out to all Agencies dealing with research projects.

Agenda item 6.

19. Under this Agenda item, the requirements for the closing of on-going projects were explained by the secretariat. A memorandum covering these requirements was distributed to the participants.

20. The new MAP umbrella project 1990-1995 was presented and the draft Memoranda of understanding to be signed between the MED Unit and the Agencies were discussed. Clarifications were provided on various procedures. The Memoranda would soon be finalized and sent to the Agencies together with the Project document and formats for various types of reports required to be submitted.

Agenda item 7.

21. The Committee examined documents UNEP(OCA)/MED WG. 11/9 and WG. 11/10. As to the MED POL-related documents to be prepared for the 1990 Joint Committees' meeting, the following were identified:

- a) Assessment document on radioactivity: 1st draft by March (IAEA)
- b) Assessment document on organophosphorus: final draft by February (FAO). A small consultation meeting should be held by the end of February 1990 to discuss and review the proposed measures.
- c) Assessment of persistent synthetic materials: 1st draft by end February (IOC)
- d) Document on climatic changes: ready by February (UNEP)
- e) Document on Dumping: ready by end of February (UNEP)

- f) Document on annex IV of LBS: ready by end of January (WMO/UNEP)
- g) Progress report: texts to be sent by 15 February (all Agencies) following the guidelines contained in annex IX to this document.

Agenda item 8.

22. Under "Other business" the Committee discussed the status of the preparation of the reference methods related to each of the parameters of the MED POL monitoring programme and agreed on a list covering the target date for their finalization and the Organization responsible for their preparation (annex X to this report).

23. The Committee raised the problem of the availability of reporting forms for pollution data for MED POL National Programmes. Considering the large amount of forms still not specifically developed for MED POL, it was agreed that, as to the forms related to the data on sources of pollution, WHO, in close cooperation with the MED Unit and as a result of the Istanbul meeting (15-17 February 1990), would finalize them by the end of March; FAO would coordinate the work on the preparation of new or revised forms related to coastal, reference and estuarine pollution data in cooperation with IAEA, WHO and the MED Unit; the work should be ready by the end of March 1990 and all inputs should be submitted to FAO by February 1990; WMO representative would submit by end of February 1990 suggestions on the use of the existing WMO reporting forms for airborne pollution data. It was understood that all the parameters adopted by the Contracting Parties for the MED POL Monitoring programme should be covered in the reporting forms.

24. The meeting examined the "Draft Manual for typing data collected in National Programme of Yugoslavia" submitted by the R. Boskovic Institute and a number of changes were agreed upon. A revised draft would be sent by 20 January 1990 to the R. Boskovic Institute and all cooperating Agencies who would send proposals for additional changes to the MED Unit by March 1990.

Agenda item 9.

25. The meeting adopted its report on Thursday 11 January 1990.

Agenda item 10.

26. The meeting was closed by Mr. A. Manos at 17,00 hours of Thursday 11 January 1990.

Annex I

List of Participants

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Annex II

Agenda

1. Opening of the Meeting
2. Adoption of the Agenda
3. Review of 1989 activities
4. Workplan, timetable and budget for the implementation of 1990-1991 MED POL programme
 - Decision making meetings
 - Programme co-ordination
 - Monitoring
 - General
 - Climatic changes
 - Consultants
 - Meetings
 - Information
 - Implementation of IBS Protocol
 - Environmental quality criteria
 - Consultants and subcontracts
 - Meetings
 - Mediterranean coastal zones
 - Adriatic Sea
 - Coastal zone pilot projects
5. Research: Approval of 1990 proposals and extension of 1989 ongoing projects
6. Implementation of MAP umbrella project and closing revisions of 81-01 and 84-04.
7. Preparation of the Joint Committees' Meeting (28 May-1 June 1990)
8. Other business
9. Adoption of the report
10. Closure of the Meeting

Annex III

LIST OF DOCUMENTS

Working documents

UNEP(OCA)/MED WG.11/1	Provisional Agenda
UNEP(OCA)/MED WG.11/2	Provisional list of documents
UNEP(OCA)/MED WG.11/3	Status of implementation of MED POL Monitoring programmes
UNEP(OCA)/MED WG.11/4	Workplan and timetable of 1990 MED POL Activities
UNEP(OCA)/MED WG.11/5	List of 1990-1991 MED POL Meetings
UNEP(OCA)/MED WG.11/6	List of training and fellowships
UNEP(OCA)/MED WG.11/7	List of 1990 new research proposals
UNEP(OCA)/MED WG.11/8	List of 1989/1990 ongoing research projects
UNEP(OCA)/MED WG.11/9	List of documents for 1990 Committees'meeting
UNEP(OCA)/MED WG.11/10	Guideline for the preparation of progress report for 1990 Committees'meeting
UNEP(OCA)/MED WG.11/11	List of MAP Technical Reports Published in 1989

Reference documents

UNEP(OCA)/MED IG.1/5	Report of the Sixth Ordinary Meeting of the Contracting Parties to the Convention for the Protection of the Mediterranean Sea against Pollution and its Related Protocols (Athens, 3-6 October 1989)
UNEP(OCA)/MED WG.3/4	Report of the Joint Meeting of the Scientific and Technical Committee and the Socio-Economic Committee (Athens, 26-30 June 1989)
UNEP(OCA)/MED WG.7/3	Report of the Meeting of the Inter-Agency Advisory Committee (IAAC) for MED POL (Athens, 9-12 January 1989)

ANNEX IV

Status of implementation of MED POL
Monitoring Programmes

Annex IV

Status of MED POL Monitoring Programmes as at December 1989

Country	Year of submission of first programme	Programme coverage by year			Data submitted by year 1/				
		Sources of pollution	Coastal and estuarine	Reference areas	Airborne	Sources of pollution	Coastal and estuarine	Reference areas	Airborne
Algeria	1984	1984	1984	-	-	-	1984	-	-
		-	-	-	-	-	1985	-	-
		1986	1986	-	-	-	1986	-	-
		1987	1987	-	-	-	1987	-	-
		1988	1988	-	-	-	1988	-	-
Cyprus	1983	1989	1989	1989	-	-	-	-	-
		1983	1983	-	-	-	1983	-	-
		1984	1984	-	-	-	1984	-	-
		1985	1985	-	-	-	1985	-	-
		1986	1986	-	-	-	1986	-	-
Egypt	1986	1987	1987	-	-	-	1987	-	-
		1988	1988	-	-	-	1988	-	-
		1989	1989	-	-	1989	-	-	-
		1986	1986	1986	-	-	-	-	-
		-	-	-	-	-	-	-	-
France	1986	1989	1989	1989	-	-	1989	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-

1/ The indication that data have been submitted does not necessarily imply that either quality or quantity of data is acceptable.

Annex IV (continued)

Status of MED POL Monitoring Programmes as at December 1989

Country	Year of submission of first programme	Programme coverage by year			Data submitted by year 1/				
		Sources of pollution	Coastal and estuarine	Reference areas	Airborne	Sources of pollution	Coastal and estuarine	Reference areas	Airborne
Greece	1988	-	-	-	-	1985	1985	-	-
		-	-	-	-	1986	1986	-	-
		-	-	-	-	1987	1987	-	-
	1988	-	1988	-	-	-	-	-	-
		-	1989	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
Israel	1983	-	-	-	-	1982	-	-	-
		-	1983	-	-	1983	-	-	-
		-	1984	-	-	1984	-	-	-
		-	1985	-	-	1985	-	-	-
		-	1986	-	-	1986	-	-	-
		-	1987	-	-	1987	-	-	-
		-	1988	-	-	1988	-	-	-
		-	1989	-	1989	-	-	-	-
		-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	1987	-	-	-
		-	-	-	-	1988	-	-	-
		-	-	-	-	1989	-	-	-
Lebanon	1983	-	1983	-	-	-	-	-	-
		-	-	-	-	1984	-	-	-
		-	1985	-	-	-	-	-	-
		-	1986	-	-	1986	-	-	-
		-	1987	-	-	1987	-	-	-
		-	1988	-	-	1988	-	-	-
-	1989	-	1989	-	-	-	-		

Annex IV (continued)

Status of MED POL Monitoring Programmes as at December 1989

Country	Year of submission of first programme	Programme coverage by year			Data submitted by year ^{1/}				
		Sources of pollution	Coastal and estuarine	Reference areas	Airborne	Sources of pollution	Coastal and estuarine	Reference areas	Airborne
Libya	1986	-	1986	-	-	-	-	-	-
		-	-	-	-	1987	-	-	-
Malta	1984	-	-	-	-	1982	1982	-	-
		-	-	-	-	1983	1983	-	-
		1984	1984	-	-	1984	1984	-	-
		1985	1985	-	-	1985	1985	-	-
		1986	1986	-	-	1986	1986	-	-
		1987	1987	-	-	1987	1987	-	-
		1988	1988	-	-	1988	1988	-	-
		1989	1989	-	-	-	-	-	-
Monaco	1986	-	-	-	-	-	-	-	
Morocco	1985	-	-	-	-	1983	1986	-	-
		-	-	-	-	1984	1984	-	-
		1985	1985	-	-	1985	1985	-	-
		1986	1986	-	-	1986	1986	-	-
		1987	1987	-	-	1987	1987	-	-
1988	1988	-	-	1988	1988	-	-		
Spain	1987	-	-	-	-	-	1981	-	-
		-	-	-	-	-	1982	-	-
		-	-	-	-	-	1983	-	-
		-	-	-	-	-	1984	-	-
		-	-	-	-	-	1985	-	-
		-	-	-	-	-	1986	-	-
		-	1987	-	-	-	-	-	-
-	-	-	-	-	-	1988	-	-	

Annex IV (continued)

Status of MED POL Monitoring Programmes as at December 1989

Country	Year of submission of first programme	Programme coverage by year			Data submitted by year 1/			
		Sources of pollution	Coastal and estuarine	Reference areas	Airborne	Sources of pollution	Coastal and estuarine	Reference areas
Syria	1986	1986	1986	1986	-	1986	-	-
	1987	1987	1987	1987	-	1987	-	-
	1988	1988	1988	1988	-	1988	-	-
	1989	1989	1989	1989	-	-	-	-
Tunisia	-	-	-	-	-	1981	-	-
	-	-	-	-	-	1982	-	-
	-	-	-	-	-	1983	-	-
	-	-	-	-	-	1984	-	-
	-	-	-	-	-	1985	-	-
	-	-	-	-	-	1986	-	-
	-	-	-	-	-	1987	-	-
	1989	1989	1989	1989	-	-	-	-
Turkey	-	-	-	-	-	1984	-	-
	-	-	-	-	-	1985	-	-
Yugoslavia	1983	1983	1983	1983	1983	1983	1983	1983
	1984	1984	1984	1984	1984	1984	1984	1984
	1985	1985	1985	1985	1985	1985	1985	1985
	1986	1986	1986	1986	1986	1986	1986	1986
	1987	1987	1987	1987	1987	1987	1987	1987
	1988	1988	1988	1988	1988	1988	1988	1988
	1989	1989	1989	1989	-	-	-	-
	-	-	-	1989	-	-	-	-

Annex IV (continued)
Assistance to countries through MEDPOL Monitoring Agreements
(cash or equipment)

Country	1983	1984	1985	1986	1987	1988	1989	1990	Total
Algeria	-	-	12,560	40,000	45,000	30,800	35,000		163,360
Cyprus	5,000	19,708	19,708	21,200	29,500	27,000	31,400		153,516
Egypt	-	-	-	34,240	61,200	-	60,000		155,440
France	-	-	-	-	-	-	-		-
Greece	-	-	-	-	-	70,185	-		70,185
Israel	23,000	38,000	38,000	38,000	48,000	38,000	55,000		278,000
Italy	-	-	-	-	-	-	-		-
Lebanon	12,000	-	15,000	15,000	15,000	40,000	25,000		122,000
Libya	-	-	-	53,400	9,383	-	-		62,783
Malta	15,000	13,962	13,962	18,900	23,000	13,700	22,470		120,994
Monaco	-	-	-	-	-	-	-		-
Morocco	-	-	24,283	5,086	13,500	29,200	-		72,069
Spain	-	-	-	-	-	-	-		-
Syria	-	-	-	44,959	-	29,200	26,500		100,659
Tunisia	-	-	-	-	-	-	44,000		44,000
Turkey	-	-	-	-	-	-	-		-
Yugoslavia	36,000	45,802	49,703	58,500	61,500	55,860	60,535		367,900
Total	91,000	117,472	173,216	329,285	306,083	333,945	359,905		1,710,906

ANNEX V

Workplan and Timetable of
1990 MED POL Activities

1990 MED POL ACTIVITIES

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
<u>A.1. - PROGRAMME APPROVAL THROUGH DECISION MAKING MEETING</u>				
MEETINGS				
A.1.Budg.	Joint meetings of the Scientific and Technical Committee and Socio-Economic Committee (Athens, 28 May-1 June 1990)	UNEP	LJ/FSC	Finalization of documents by end of Feb. 1990. Translation by March 1990. Dispatch of documents by April 1990.
<u>A.2. - PROGRAMME COORDINATION</u>				
MEETINGS				
A.2.Budg.	Inter-Agency Advisory Committee Meetings (IAAC) to co-ordinate MED POL implementation	UNEP + Coop. Ag.	LJ/FSC	Athens, 8-11 January 1990.
<u>A.4. - MONITORING OF MARINE POLLUTION IN THE MEDITERRANEAN</u>				
GENERAL				
A.4.1.a)	Extension of MED POL-Phase II to 1995	UNEP	LJ	Information letter to Contracting Parties by March 1990.

LJ: L. JEFFIC FSC: F.S. CIVILI GPG: G.P. GABRIELIDES LJS: L.J. SALIBA
 TB: T. BARISIC IM: L. MEE AB: A. BOUSOLENGAS AS: A. SOUDINE

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
A.4.1.b)	Design national monitoring programmes to ensure assessment of state of pollution	UNEP + Coop. Ag.	LJ/FSC	Continuing
	Utilization of monitoring results	UNEP + Coop. Ag.	LJ/LJS	
A.4.1.c)	Promote a scientific assessment of monitoring in order to prepare 1996 programme	UNEP + Coop. Ag.	LJ/FSC	Preparation of detailed workplan taking into account the results of 1990 ICSEM Workshop, ICES and PARCOM experience and advice from experts.
A.4.3.b)	Replace research activities A to L with new five research areas	UNEP + Coop. Ag.	FSC	Explanatory letter to Contracting Parties by March 1990.
A.4.Budg.	Assistance to MED POL participating institutions for the implementation of monitoring programmes (Cash + equipment + materials)	UNEP + Coop. Ag.	LJ	Continuing
A.4.Budg.	Assistance to institutions for monitoring plankton blooms	UNEP	FSC/GPG	Letter to be sent to National Co-ordinators and experts as a follow-up to Plankton Bloom Meeting by January 1990.
A.4.Budg.	Maintenance of MED POL instruments	IAEA	TB	Continuing
A.4.Budg.	Organization of on-job training	UNEP	LJ/FSC	Continuing
A.4.Budg.	Organization of fellowships	UNEP	LJ/FSC	Continuing

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
A.4.Budg.	Implementation of data quality assurance programme	IAEA	IM/LJ	Continuing. Programme for 1990 to be prepared by the end of January 1990.
A.4.Budg.	Implementation of intercalibration exercises for chemical pollutants	IAEA	IM	Programme for 1990 to be prepared by January 1990.
A.4.Budg.	Implementation of intercalibration exercise for microbial pollutants	WHO	LJS	Athens, 17-22 September 1990.
A.4.Budg.	Coordination and financing of research activities	UNEP + Coop. Ag.	LJ/FSC	Continuing
A.4.Budg.	Printing of proceedings of X ICSEM/IOC/UNEP Workshop	ICSEM	LJ	Funds to be sent by mid-1990.
CLIMATIC CHANGES				
A.4.4.a)	Continue to study the impact of climatic changes on the Mediterranean	UNEP	LJ	Continuing
A.4.4.c)	Consider the study of climatic change in the coastal zone management projects	UNEP	LJ	Continuing

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
A.4.Report	Prepare document with results for Committee Meeting	UNEP	LJ	Document to be ready by February 1990.
A.4.4.d)	Recommend Contracting Parties to prepare and implement energy saving programmes	UNEP	LJ	Reminder to be sent by March 1990.
CONSULTANTS				
A.4.Budg.	Recruitment of consultants to prepare documents on analysis and processing of MED POL data	UNEP	LJ	1990
A.4.Budg.	Recruitment of consultants for the preparation of state of pollution of Mediterranean Sea	UNEP	LJ	Detailed workplan to be prepared by May 1990.
MEETINGS				
A.4.Budg.	Consultation meeting on MED POL data processing programmes	UNEP	LJ	Athens, 12-16 November 1990.
A.4.Budg.	Intercalibration and training workshop on determination of organotin compounds	IAEA/FAO	LM/GPG	Monaco, 17-21 April 1990.

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
<u>A.5. - INFORMATION</u>				
A.5.Budg.	Preparation and editing of MAP Technical Report Series	UNEP + Coop. Ag.	LJ	1990
<u>B.6. - IMPLEMENTATION OF THE IES PROTOCOL</u>				
ENVIRONMENTAL QUALITY CRITERIA				
B.6.1.c)	Undertake and implement programmes and measures in order not to discharge used lubricating oils into the sea	C.P.	IJS	Letter-reminder to be sent by March 1990.
B.6.1.d)	Take into account in the formulation and implementation of national control measures related to used lubricating oils, the various control measures available	C.P.	IJS	Letter-reminder to be sent by March 1990.
B.6.2.ii)a)	Adopt a limit value of 0.2 mg Cd per litre for effluent discharges before dilution	C.P.	GPG	Letter-reminder to be sent by March 1990.
B.6.2.ii)c)	Adopt a water quality objective of a max of 0.5 µg Cd per litre in marine waters	C.P.	GPG	Letter-reminder to be sent by March 1990.

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
B.6.2.ii)g)	Encourage the development of substitutes and alternates technology for the reduction of Cd pollution	C.P.	GPG	Letter-reminder to be sent by March 1990.
B.6.2.ii)h)	Provide secretariat with info on: 1) present legislation and standard on Cd 2) measures taken to reduce Cd pollution 3) Cd pollution monitoring data	C.P.	GPG	Letter-reminder to be sent by March 1990.
B.6.2.ii)i)	Continue to support studies of seafood consumption to identify Cd high risk groups	UNEP + C.P. Coop. Ag.	GPG/LJS	Letter-reminder to be sent by March 1990.
B.6.3.ii)a)	Not to allow the use of preparations containing organotin compounds: 1) on hulls of boat of less than 25 m 2) on all mariculture structures	C.P.	GPG	Letter-reminder to be sent by March 1990.
B.6.3.ii)b)	Report to the secretariat on measures taken related to B.6.3.ii)a)	C.P.	GPG	Letter reminder to be sent by March 1990.
B.6.3.ii)c)	Develop a code of practice to minimize the contamination where ships are cleared of antifouling paints	C.P.	GPG	Letter reminder to be sent by March 1990.

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
B.6.4.ii)a)	Adopt an environmental quality objective in coastal waters of 25 µg l ⁻¹ for total DDT	C.P.	GPG	Letter reminder to be sent by March 1990.
B.6.4.ii)b)	Use the FAO (1985) International Code of Conduct for use and distribution of pesticides	C.P.	GPG	Letter reminder to be sent by March 1990.
B.6.4.ii)c)	Promote monitoring programmes to establish trend of contamination of organohalogen compounds and the detection of hot spots	C.P.	GPG	Letter reminder to be sent by March 1990.
B.6.4.ii)d)	Provide the secretariat with info on present legal and administrative measure related to production, use and disposal of organohalogen compounds	C.P.	GPG	Letter reminder to be sent by March 1990.
	Implementation of criteria approved in 1985-1987	CP	IJ	Letter reminder to be sent by March 1990
CONSULTANTS AND SUBCONTRACTS				
B.6.Budg.	Pilot project on monitoring of herbicides and fungicides	FAO	GPG	1990 and 1991. Workplan to be prepared by February 1990.
B.6.Budg.	Pilot project on monitoring of non-biodegradable detergents and surface-active substances	WHO	LJS	1990 and 1991. Workplan to be prepared by February 1990.

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
B.6.Budg.	Pilot project on monitoring of selected elements listed in item 1 of annex II of LBS	FAO	GPG	1990 and 1991. Workplan to be prepared by February 1990.
B.6.Budg.	Prepare documents on assessment of Mediterranean pollution by LBS substances	UNEP + Coop. Ag.	LJ	Ass. Radioactivity:1st draft by March (IAEA) Ass. Solid litter:1st draft by end Feb. (IOC) Ass. Carcinogenic:draft in Oct. after Gesamp (WHO) Ass. Organophosphorus:draft by Feb. after a small consultation meeting (FAO)
B.6.Budg.	Assessment of the state of pollution by pathogenic micro-organisms	WHO	LJS	Draft to be prepared by November 1990.
B.6.Budg.	Preparation of common guidelines for coastal outfalls	WHO	LJS	Draft to be prepared by November 1990.
B.6.Budg.	Preparation of inventory of effluents requiring special or separate treatment	WHO	LJS	Draft to be prepared by November 1990.
B.6.Budg.	Formulation of draft guidelines for effluents requiring special treatment	WHO	LJS	Draft to be prepared by November 1990.
B.6.Budg.	Preparation of common guidelines for the inventory of air pollution sources	WMO	AS	Draft to be prepared by June 1990.

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
MEETINGS				
B.6.Budg.	Consultation meeting on environmental transformation of chemical contaminants	FAO/IAEA	GPG	Ia Spezia, 24-28 September 1990.
B.6.Budg.	Consultation meeting on updated survey on pollution from land-based sources	WHO	LJS	Athens, 29 October-2 November 1990.
B.6.Budg.	Workshop on transport and dispersion of pollutants into the sea	IOC	AB	Athens, 12-16 November 1990.
B.6.Budg.	Consultation meeting on assessment of pollution by herbicides and fungicides	IAEA/FAO	IM/GPG	Monaco, 21-23 May 1990.
B.6.Budg.	Consultation meeting on assessment of pollution by selected elements from item 1 of Annex II of IES	FAO/IAEA	GPG	Athens, 12-14 June 1990.

Recomm.	Activity	Resp. org.	Resp. Off.	Specific actions and target date
<u>E.9. - ENVIRONMENTALLY SOUND MANAGEMENT OF MEDITERRANEAN COASTAL ZONES</u>				
SPECIAL ACTION FOR THE ADRIATIC SEA				
E.9.4.b)	Strengthen mutual cooperation between all MAP components and the Adriatic countries committed to implement projects	UNEP	LJ	To be decided as a follow-up to the Meeting on Adriatic, Athens, 18-20 December 1989.
COASTAL ZONES PILOT PROJECT				
E.9.Budg.	Assist the preparation and implementation of coastal zone pilot projects	UNEP	LJ	Continuing

ANNEX VI

List of 1990-1991 MED POL meetings

Annex VI
MED POL MEETINGS DURING 1990

	Place	Date	Responsible Agency	No. of Partic.	Report (iss.by)	Project Doc. (budget line)	Amount Alloc.
1. XXIII Meeting of the Inter-Agency Advisory Committee (IAAC) for MED POL	Athens	8-11 Jan.	UNEP	8	UNEP	1601 of 81-01	4,000
2. Consultation meeting on data quality and utilization	Athens	12-13 Jan.	FAO	7	UNEP	1214 of 84-04	4,000
3. Consultation on guidelines for Monitoring land-based pollution sources	Istanbul	15-17 Feb.	WHO	7	WHO	2101 of 81-01(1987)	5,000
4. Consultation meeting for the preparation of the X ICSEM/IOC/UNEP Workshop on Pollution of the Mediterranean	Athens	27-28 Feb.	UNEP	7	UNEP	3102 of 84-04(1989)	
5. Consultation meeting on measures related to organophosphorus compounds	Athens	1-2 March	UNEP/FAO	5	UNEP	3102 of 84-04(1989)	
6. International conference on marine eutrophication	Bologna	19-23 March	Regione Emilia Romagna	50	RER	3205 of 89-02	2,000
7. International organotin symposium	Monaco	17-20 April	IAEA	100	IAEA	2121(3205) of 89-02	4,000
8. Intercalibration and training workshop on determination of organotin compounds	Monaco	17-21 April	IAEA/FAO	15	IAEA	(3204) of 89-02	15,000
9. GESAMP meeting	Geneva	7-11 May	OCA/PAC	30	OCA/PAC	1600 of 89-02	1,500

Annex VI (continued)
MED POL. MEETINGS DURING 1990

	Place	Date	Responsible Agency	No. of Partic	Report (iss.by)	Project Doc. (budget line)	Amount Alloc.
10.	Monaco	21-23 May	IAEA/FAO	10	IAEA	2121 (3210) of 89-02	8,000
11.	Athens	28 May-1 June	UNEP	50	UNEP	3303 of 89-02	37,000
12.	Athens	12-14 June	FAO/IAEA	10	FAO	2111 (3210) of 89-02	8,000
13.	Split	25 June-5 July	FAO/IOC/UNEP	30	FAO	1210 of 84-04 3101 of 84-04 3205 of 89-02	8,000 5,000 4,000
14.	Athens	17-22 Sept.	WHO	20	WHO	(3201) of 89-02	20,000
15.	La Spezia	24-28 Sept.	FAO/IAEA	15	FAO	2111 (3204) of 89-02	15,000
16.	Perpignan	15-20 Oct.	UNEP	30	UNEP	3205 of 89-02	25,000
17.	Athens	29 Oct.-2 Nov.	WHO	15	WHO	financed by WHO	-

Annex VI (continued)
MED POL MEETINGS DURING 1990

	Place	Date	Responsible Agency	No. of Partic	Report (iss.by)	Project Doc. (budget line)	Amount Alloc.
18. Workshop on transport and dispersion of pollutants in the sea	Athens	12-16 Nov.	IOC	12	IOC	2117(3212)of 89-02	15,000
19. Consultation meeting on MEDPOL data processing programme	Athens	12-16 Nov.	UNEP	8	UNEP	3306 of 89-02	8,000

Annex VI (continued)
MED POL MEETINGS DURING 1991

	Place	Date	Responsible Agency	No. of Partic.	Report (iss.by)	Project Doc. (budget line)	Amount Alloc.
1. XXIV Meeting of the Inter-Agency Advisory Committee (IAAC) for MED POL	Rome	14-18 Jan.	UNEP	8	UNEP	(1601) of 89-02	
2. Joint meeting of the Scientific and Technical Committee and the Socio-Economic Committee	Athens	May	UNEP	50	UNEP	3303 of 89-02	37,000
3. Workshop on evaluation of airborne pollution measurements	France	April	WMO	15	WMO	2118(3206) of 89-02	15,000
4. Consultation meeting on MEDPOL data processing programme and guidance for future work	Monaco	November	UNEP	8	UNEP	3306 of 89-02	8,000
5. Consultation meeting on the evaluation of monitoring programmes	Athens	October	UNEP	8	UNEP	3308 of 89-02	8,000
6. Training workshop on statistical treatment and interpretation of marine community data	Alexandria	June	FAO/IOC	20	FAO	2110(3202) of 89-02	20,000
7. Consultation meeting on guidelines on data quality assurance	Monaco	Sept.	IAEA	15	IAEA	2120(3301) of 89-02	15,000
8. Intercalibration and training course on determination of microbiological pollution	Morocco	Sept.	WHO	20	WHO	2113(3201) of 89-02	20,000
9. Workshop on effects of pollutants on marine organisms, communities and ecosystems	Malta	May	FAO	15	FAO	2110(3203) of 89-02	15,000

Annex VI (continued)
MED POL MEETINGS DURING 1991

	Place	Date	Responsible Agency	No. of Partic.	Report (iss.by)	Project Doc. (budget line)	Amount Alloc.
10. Workshop on guidelines and reference method on sample work-up for organic contaminants analysis	Monaco	May	IAEA	15	IAEA	2120(3205) of 89-02	15,000
11. Consultation meeting on health effects of chemical contaminants in Mediterranean seafood	Padova	November	WHO	15	WHO	2113(3207) of 89-02	15,000

Annex VII

LIST OF MAP TECHNICAL REPORTS PUBLISHED IN 1989

- No. 26 UNEP/IUCN: Directory of Marine and Coastal Protected Areas in the Mediterranean Region - part I Sites of biological and ecological value. MAP Technical Reports Series No. 26. UNEP, Athens 1989 (195 pages) (English only).
- No. 27 UNEP: Implications of Expected Climate Changes in the Mediterranean Region: An Overview. MAP Technical Reports Series No. 27. UNEP, Athens 1989 (52 pages) (English only).
- No. 28 UNEP: State of the Mediterranean Marine Environment. MAP Technical Reports Series No. 28. UNEP, Athens 1989 (221 pages) (English only).
- No. 29 UNEP: Bibliography on Effects of Climatic Change and related topics. MAP Technical Reports Series No. 29. UNEP, Athens 1989 (143 pages) (English only).
- No. 30 UNEP: Meteorological and Climatological Data from Surface and Upper Measurements for the Assessment of Atmospheric Transport and Deposition of Pollutants in the Mediterranean Basin: A Review. MAP Technical Reports Series No. 30. UNEP, Athens, 1989 (137 pages) (English only).
- No. 31 UNEP/WMO: Airborne Pollution of the Mediterranean Sea. Report and Proceedings of a WMO/UNEP Workshop. MAP Technical Reports Series No. 31. UNEP, Athens 1989 (243 pages) (parts in English or French only).
- No. 32 UNEP/FAO: Biogeochemical cycles of specific pollutants (Activity K). MAP Technical Reports Series No. 32. UNEP, Athens, 1989 (139 pages) (parts in English or French only).
- No. 33 UNEP/FAO//WHO/IAEA: Assessment of organotin compounds as marine pollutants in the Mediterranean. MAP Technical Reports Series No. 33. UNEP, Athens, 1989 (185 pages) (English and French).
- No. 34 UNEP/FAO/WHO: Assessment of the state of pollution of the Mediterranean Sea by cadmium and cadmium compounds. MAP Technical Reports Series No. 34. UNEP, Athens, 1989 (173 pages) (English and French).
- No. 35 UNEP: Bibliography on marine pollution by organotin compounds. MAP Technical Reports Series No. 35. UNEP, Athens, 1989 (88 pages) (English only).

Annex VII (continued)

LIST OF MAP TECHNICAL REPORT SERIES VOLUMES TO BE PREPARED IN 1990

1. Common measures adopted by C.P.	70 pp.	Feb. 90	UNEP
2. Organophosphorus bibliography	?	March 90	UNEP
3. Solid litter bibliography	?	June 90	UNEP
4. Jelly fish. Final report	200 pp	April 90	UNEP
5. Activity A. Reports	100 pp	Feb. 90	WHO
6. Activity D. Reports	100 pp	March 90	WHO
7. Activity D. Reports	100 pp	April 90	WHO
8. Activity K. Reports	100 pp	May 90	WHO
9. Activity L. Reports	150 pp	Nov. 90	WMO
10. Activity F. Reports	150 pp	Oct. 90	IOC
11. Physical processes	150 pp	March 90	IOC
12. IAEA/UNEP/IOC/FAO MED POL Organohalogen workshop	100 pp	April 90	IAEA
13. Workshop on transport of pollutants by Sedimentation	250 pp	April 90	IAEA
14. Third International Organotin symposium	200 pp	Feb. 90	IAEA
15. Activity A+K+L. Final reports	150 pp	Nov. 90	IAEA
16. Organohalogen assessment	250 pp	March 90	FAO
17. Solid litter assessment	100 pp	Sept. 90 ¹	IOC
18. Organophosphorus assessment	200 pp	Sept. 90 ¹	FAO
19. Evaluation of MED POL Monitoring data	100 pp	Feb. 90	FAO/WHO
20. Research FAO. Reports	100 pp	Feb. 90	FAO
21. Research FAO. Reports	100 pp	June 90	FAO
22. Research FAO. Reports	100 pp	Nov. 90	FAO

^{1/} Pending 1990 Joint Committees' meeting decisions

Annex VIII

- A) List of 1990 new research projects
- B) List of 1989-1990 on-going research projects

1990 NEW RESEARCH PROPOSALS

FAO

M A P

FAO GRE- 81-G X. G. KONDAKIS	82:	89:
PUBLIC HEALTH LABORATORY, UNIVERSITY OF PATRAS, PATRAS	83:	90:UND
	UPPHL 84:	91:
STUDIES ON THE CORRELATION BETWEEN THE ENZYMATIC SYSTEMS OF BIOTRANSFORMATION	85:	92:
AND LEVELS OF HEAVY METALS AND PESTICIDES IN MARINE SPECIES IN AN ATTEMPT TO	86:	93:
SET UP A NOVEL IN SITU BIOASSAY OF MARINE POLLUTANTS.	87:	94:
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FAO GRE- 77-H S. D. KILIKIDIS	82:	89:
FACULTY OF VETERINARY MEDICINE, ARISTOTELIAN UNIVERSITY OF THESSALONIKI	83:	90:UND
	UTHVM 84:	91:
EUTROPHICATION IN NESTOS RIVER ESTUARY (N.GREECE)	85:	92:
NUTRIENTS AND OTHER FACTORS INFLUENCING ESTUARINE EUTROPHICATION	86:	93:
	87:	94:
	88:	95:
FAO GRE- 72-I A. ZENETOS	82:	89:
NATIONAL CENTRE FOR MARINE RESEARCH, ATHENS	83:	90:UND
	NCMRA 84:	91:
EFFECTS OF SEWERAGE ON THE DISTRIBUTION OF BENTHIC FAUNA IN SARONIKOS GULF.	85:	92:
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	87:	94:
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FAO ISR- 38-G E. NEVO	82:	89:
INSTITUTE OF EVOLUTION, UNIVERSITY OF HAIFA, HAIFA	83:	90:UND
	UHAIE 84:	91:
BIOCHEMICAL DETOXIFICATION AS AN ADAPTATION TO POLLUTED MARINE ENVIRONMENTS	85:	92:
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FAO ISR- 40-G A. FISHELSON L.& YAMETZ	82:	89:
DEPT OF ZOOLOGY, TEL AVIV UNIVERSITY, TEL AVIV	83:	90:UND
	UTADZ 84:	91:
ECOLOGY, ENZYMOLOGY AND POPULATION DYNAMICS OF SOME SELECTED LITTORAL MARINE	85:	92:
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FAO ISR- 41-H J. LOYA	82:	89:
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	UTADZ 84:	91:
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ISRAEL: AN ENVIRONMENTAL APPROACH	86:	93:
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FAO ISR- 37-I E. NEVO	82:	89:
INSTITUTE OF EVOLUTION, UNIVERSITY OF HAIFA, HAIFA	83:	90:UND
	UHAIE 84:	91:
EFFECTS OF PETROCHEMICAL POLLUTION AND EFFECTS OF THERMAL POLLUTION ON THE	85:	92:
SPECIES DIVERSITY OF BARNACLES	86:	93:
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FAO ISR- 42-I U. SAFRIEL	82:	89:
NATURE RESERVES AUTHORITY, JERUSALEM, ISRAEL	83:	90:UND
	NRAJE 84:	91:
PREVENTION OF ORGANOTIN POLLUTION BY BIOLOGICAL CONTROL OF MARINE BIOFOULING	85:	92:
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M A P

FAO SPA- 34-G J. M. ESCRICHE	82:	89:UND
UNIVERSITY COLLEGE OF CASTELLON, UNIVERSITY OF VALENCIA, VALENCIA	83:	90:UND
	UVAUC 84:	91:
STUDY OF SEVERAL HEAVY METALS ACCUMULATION AND THEIR RELATION TO INDUCED METAL-BINDING PROTEINS IN MEDITERRANEAN MARINE INVERTEBRATES	85:	92:
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FAO TUR- 22-G E. ARINC	82:	89:UND
DEPT. OF BIOLOGICAL SCIENCES, MIDDLE EAST TECHNICAL UNIV., ANKARA	83:	90:UND
	UMEBA 84:	91:
DEVELOPMENT OF AN ENZYMATIC ASSAY SYSTEM FOR DETERMINATION OF BIOACTIVATION OF TOXIC ORGANIC CHEMICALS	85:	92:
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FAO TUR- 24-H T. KORAY	82:	89:
FACULTY OF SCIENCE, EGE UNIVERSITY, IZMIR	83:	90:UND
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FAO YUG- 96-G M. DEVESCOVI	82:	89:UND
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ROVINJ	83:	90:UND
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FAO YUG- 92-H N. ZAVODNIK	82:	89:UND
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ROVINJ	83:	90:UND
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FAO YUG- 99-H T. LEGOVIC	82:	89:
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IAEA EGY- 16-L A. A. MOUSSA INSTITUTE OF OCEANOGRAPHY AND FISHERIES, ALEXANDRIA	82: 83: IOFAL 84: 85: 86: 87: 88:UND	89:UND 90:UND 91: 92: 93: 94: 95:
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IAEA GRE- 74-A G. PARISSAKIS DEPARTMENT OF CIVIL ENGINEERING, NATIONAL TECHNICAL UNIVERSITY, ATHENS	82: 83: UNTAT 84: 85: 86: 87: 88:	89: 90:UND 91: 92: 93: 94: 95:
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IAEA GRE- 82-K S. VARNAVAS DEPARTMENT OF GEOLOGY, UNIVERSITY OF PATRAS, PATRAS	82: 83: UPADG 84: 85: 86: 87: 88:	89: 90:UND 91: 92: 93: 94: 95:
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IAEA TUR- 21-A E. HENDEN FACULTY OF SCIENCE, EGE UNIVERSITY, IZMIR	82: 83: UEGFS 84: 85: 86: 87: 88:	89:UND 90:UND 91: 92: 93: 94: 95:
LONG TERM CONTROL OF TIN POLLUTION OF THE SEAWATER IN ALIAGA, ISMIR		

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M A P

IAEA YUG- 66-A J. FAGANELI	82:		89:UND
MARINE RESEARCH AND TRAINING CENTRE, PIRAN	83:		90:UND
	MRTCP 84:		91:
INPUT AND TRANSFORMATIONS OF ALLOCHTHONOUS ORGANIC MATTER IN THE COASTAL WATERS	85:UND		92:
	86:UND		93:
	87:UND		94:
	88:UND		95:

IAEA YUG- 90-A B. RASPOR	82:		89:UND
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:		90:UND
	CMRZA 84:		91:
DEVELOPMENT OF NEW METHOD FOR THE ESTIMATION OF SEAWATER POLLUTION WITH TRACE METALS	85:		92:
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IAEA YUG-102-A I. VUKADIN	82:		89:
INSTITUTE OF OCEANOGRAPHY AND FISHERIES, SPLIT	83:		90:UND
	IOFSP 84:		91:
ORGANOPHOSPHORUS COMPOUNDS IN WATER AND SEDIMENTS OF ADRIATIC SEA.	85:		92:
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IAEA YUG-103-A T. ZVONARIC	82:		89:
INSTITUTE OF OCEANOGRAPHY AND FISHERIES, SPLIT	83:		90:UND
	IOFSP 84:		91:
STUDY OF TIN AND TBT IN SEA WATER AND SEDIMENTS OF THE MARINE ENVIRONMENT OF SPLIT AREA	85:		92:
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IAEA YUG- 74-K M. HORVAT	82:		89:UND
INSTITUTE JOSEF STEFAN, UNIVERSITY E. KARDELJ, LJUBLJANA	83:		90:UND
	IJSLJ 84:		91:
ESTABLISHMENT OF MERCURY LEVELS IN THE ADRIATIC SEA	85:		92:
	86:		93:
	87:UND		94:
	88:UND		95:

IAEA YUG- 65-L M. JURACIC	82:		89:UND
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:		90:UND
	CMRZA 84:		91:
POLLUTANT TRANSFER PROCESSES: THE ROLE OF SUSPENDED MATTER AND SEDIMENTS IN THE LAND-TO-SEA TRANSPORT IN A KARSTIC ESTUARY	85:		92:
	86:UND		93:
	87:UND		94:
	88:UND		95:

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IOC

M A P

IOC EGY- 18-F A. M. KARAM	82:	89:UND
INSTITUTE OF OCEANOGRAPHY AND FISHERIES, ALEXANDRIA	83:	90:UND
	IOFAL 84:	91:
INVESTIGATION OF THE SURFACE CURRENT REGIME AND THE VERTICAL FINESTRUCTURE IN ABU QIR BAY	85:	92:
	86:	93:
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	88:	95:
IOC EGY- 19-F I. A. MAIYZA	82:	89:UND
INSTITUTE OF OCEANOGRAPHY AND FISHERIES, ALEXANDRIA	83:	90:UND
	IOFAL 84:	91:
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IOC GRE- 80-F Y. N. KRESTENITIS	82:	89:
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	UTHCE 84:	91:
DEVELOPMENT OF A QUASI DEPTH-VARYING MATHEMATICAL MODEL FOR SIMULATING WIND-INDUCED COASTAL CIRCULATION.	85:	92:
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IOC GRE- 75-L P. PANAGOPOULOS	82:	89:
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	HSAAT 84:	91:
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IOC GRE- 84-L E. SOUVERMEZOGLOU	82:	89:
NATIONAL CENTRE FOR MARINE RESEARCH, ATHENS	83:	90:UND
	NCMRA 84:	91:
ETUDE DU CYCLE BIOGEOCHIMIQUE DU GAZ CARBONIQUE EN MEDITERRANEE ORIENTALE.	85:	92:
	86:	93:
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IOC ISR- 39-A A. GOLIK	82:	89:
ISRAEL OCEANOGRAPHIC AND LIMNOLOGICAL RESEARCH INSTITUTE, HAIFA	83:	90:UND
	IOLRI 84:	91:
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IOC ITA-108-F A. BERGAMASCO	82:	89:UND
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	GMVEN 84:	91:
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	86:	93:
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IOC ITA-112-F F. STRAVISI	82:	89:UND
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	CIMAM 84:	91:
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M A P

IOC	ITA-121-F R. SANTANGELO	82:	89:UND
	OSSERVATORIO GEOFISICO, UNIVERSITA DI MODENA, MODENA	83:	90:UND
		UMOOG 84:	91:
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IOC	YUG- 97-F N. LIMIC	82:	89:
	DEPARTMENT OF PHYSICS, RUĐJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:UND
		IRBDP 84:	91:
	MODELLING NON-STATIONARY TRANSPORT OF POLLUTANTS IN COASTAL SEAS.	85:	92:
		86:	93:
		87:	94:
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IOC	YUG- 98-F T. LEGOVIC	82:	89:
	CENTRE FOR MARINE RESEARCH, RUĐJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:UND
		CMRZA 84:	91:
	ESTIMATION OF DIFFUSE INPUT OF A POLLUTANT INTO A COASTAL SEA.	85:	92:
		86:	93:
		87:	94:
		88:	95:

IOC	YUG-104-F M. GACIC	82:	89:
	INSTITUTE OF OCEANOGRAPHY AND FISHERIES, SPLIT	83:	90:UND
		IOFSP 84:	91:
	CLIMATIC CHANGES IN THE EASTERN MEDITERRANEAN AND BLACK SEA	85:	92:
		86:	93:
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IOC	YUG- 88-L J. FAGANELI	82:	89:UND
	INSTITUTE OF BIOLOGY, UNIVERSITY EDVARD KARDELJ, LJUBLJANA	83:	90:UND
		UKALJ 84:	91:
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	AND NUTRIENTS IN SHALLOW COASTAL WATERS (GULF OF TRIESTE, NORTHERN ADRIATIC)	86:	93:
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WHO

M A P

WHO GRE- 69-K M. KOSTOPOULOU-KARADANELLI	82:	89:UND
DEPARTEMENT DE L'ENVIRONNEMENT, LABORATOIRE PREFECTORAL DE LESVOS	83:	90:UND
	DELPL 84:	91:
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MUNICIPAL WATER SEWAGE COMPANY OF LARISSA (DEYAL), LARISSA	83:	90:UND
	MWSLA 84:	91:
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WHO GRE- 79-K G. A. STATHOPOULOS	82:	89:
DEPARTMENT OF MEDECINE, ARISTOTELIAN UNIVERSITY OF THESSALONIKI, THESSALONIKI	83:	90:UND
	UTHDM 84:	91:
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OF INDICATOR MICROORGANISMS.	86:	93:
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WHO GRE- 83-K M. PAPAPETROPOULOU	82:	89:
PUBLIC HEALTH LABORATORY, UNIVERSITY OF PATRAS, PATRAS	83:	90:UND
	UPPHL 84:	91:
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WHO ISR- 43-D R. GHINSBERG	82:	89:
MINISTRY OF HEALTH "DR.E.RAPPAPORT" REGIONAL PUBLIC HEALTH LABORATORY, TEL AVIV	83:	90:UND
	MHRTA 84:	91:
THE OCCURRENCE OF CAMPYLOBACTER JEJUNI IN THE SAND OF RECREATIONAL	85:	92:
MEDITERRANEAN BEACHES IN THE TEL AVIV AREA AND THEIR CORRELATION WITH	86:	93:
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WHO ISR- 36-K A. MATES	82:	89:
DR. A. FELIX PUBLIC HEALTH LABORATORY, MINISTRY OF HEALTH, TEL AVIV	83:	90:UND
	FELIX 84:	91:
QUANTITATIVE DETERMINATION OF CANDIDA ALBICANS IN SEA WATER	85:	92:
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WHO ITA-123-D C. SCARPA	82:	89:UND
ISTITUTO DI CLINICA DERMATOLOGICA, UNIVERSITA DI TRIESTE, TRIESTE	83:	90:UND
	UTRCD 84:	91:
A TOXICOLOGIC STUDY OF JELLYFISH ENVENOMATION	85:	92:
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INSTITUT NATIONAL D'HYGIENE, RABAT	83:	90:UND
	INHRA 84:	91:
RECHERCHE ET QUANTIFICATION DES AGENTS. PATHOGENES PRESENTS DANS LES EAUX	85:	92:
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M A P

WHO SPA- 32-A J. J. TORROELLA	82:	89:
FACULTAD DE BIOLOGIA, UNIVERSIDAD DE BARCELONA, BARCELONA	83:	90:UND
	UBAFP 84:	91:
EVALUATION OF VIRAL CONTAMINATION OF SHELLFISH THROUGH ENUMERATION OF PHAGES	85:	92:
INFECTING B. FRAGILIS.	86:	93:
	87:	94:
	88:	95:

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UNEP

M A P

UNEP GRE- 78-M S. D. KILIKIDIS		82:	89:
FACULTY OF VETERINARY MEDICINE, ARISTOTELIAN UNIVERSITY OF THESSALONIKI		83:	90:UND
	UTHVM	84:	91:
EFFECTS OF DDT, PCBS AND OTHER ORGANOCHLORINE COMPOUNDS IN THE WATER AND		85:	92:
AQUATIC ORGANISMS FROM THE RIVERS AXIOS AND ALIAKHON (N.GREECE).		86:	93:
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UNEP TUR- 25-M H. UYSAL		82:	89:
FACULTY OF SCIENCE, EGE UNIVERSITY, IZMIR		83:	90:UND
	UEGFS	84:	91:
THE CONCENTRATION OF HEAVY METALS AND THEIR EFFECTS IN SOME INDICATOR BIVALVES		85:	92:
OF DIFFERENT BIOTOPS FROM THE RIVER MOUTH AND BEACHES OF AEGEAN COASTS.		86:	93:
		87:	94:
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ON-GOING
RESEARCH PROPOSALS
1989-1990

FAO		M A P	
FAO ALG- 9-H F. L. SAMSON		82:	89: 3000
INSTITUT DES SCIENCES DE LA NATURE, U.S.T.H.B., ALGER		83:	90:EXT
	USTHB	84:	91:
EUTROPHISATION ET FLORAISONS CONCOMITANTES DE PLANCTON		85:	92:
		86:	93:
		87:	94:
		88: 4000	95:
FAO ALG- 8-I R. SEMROUD		82:	89: 2000
INSTITUT DES SCIENCES DE LA NATURE, U.S.T.H.B., ALGER		83:	90:EXT
	USTHB	84:	91:
MODIFICATIONS DES ECOSYSTEMES PAR LA POLLUTION		85:	92:
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		88: 4000	95:
FAO ALG- 6-J A. BAKALEM		82:	89: 3000
INSTITUT DES SCIENCES DE LA MER ET DE L'AMENAGEMENT DU LITTORAL (ISMAL), ALGER		83:	90:COM
	ISMAL	84:	91:
EFFETS DES POLLUTIONS THERMIQUES SUR LES ORGANISMES ET ECOSYSTEMES COTIERES		85:	92:
		86: 3000	93:
		87: 3000	94:
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FISHERIES DEPARTMENT, MINISTRY OF AGRICULTURE, NICOSIA		83:	90:EXT
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FAO FRA- 24-G C. CHASSARD-BOUCHAUD		82:	89: 3000
UNIVERSITE P. ET M. CURIE, LABORATOIRE DE BIOLOGIE, PARIS		83:	90:COM
	UCULB	84:	91:
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		86: 3000	93:
		87:NIL	94:
		88: 4000	95:
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	CERAM	84:	91:
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		88: 4000	95:
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LABORATOIRE DE BIOLOGIE MARINE, UNIVERSITE DE PERPIGNAN, PERPIGNAN		83:	90:COM
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		86: 4000	93:
		87: 3000	94:
		88:NIL	95:

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M A P

FAO FRA- 39-G C. CHASSARD-BOUCHAUD	82:	89: 3000
UNIVERSITE P. ET M. CURIE, LABORATOIRE DE BIOLOGIE, PARIS	83:	90:EXT
	UCULB 84:	91:
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	88: 4000	95:
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	MNHNP 84:	91:
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	87: 3500	94:
	88: 4000	95:
FAO FRA- 41-I P. BERNARD	82:	89: 3000
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	INSER 84:	91:
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	88: 3500	95:
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	88:NIL	95:
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FAO GRE- 63-G E. PAPATHANASSIOU NATIONAL CENTRE FOR MARINE RESEARCH, ATHENS	82: 83: NCMRA 84: 85: 86: 87: 88:	89: 3000 90: EXT 91: 92: 93: 94: 95:
IN SITU TOXICITY OF DISPERSANTS. CONTROLLED ENVIRONMENTAL POLLUTION EXPERIMENTS.		
FAO GRE- 68-H M. KARYDIS DEPARTMENT OF ENVIRONMENT, UNIVERSITY OF THE AEGEAN, KOS	82: 83: UAGDE 84: 85: 86: 87: 88:	89: 3000 90: EXT 91: 92: 93: 94: 95:
EUTROPHICATION ASSESSMENT BASED ON MULTIVARIATE PROCEDURES: CRITERIA DEVELOPMENT FOR THE MANAGEMENT OF COASTAL WATERS		
FAO GRE- 65-I K. PAGOU NATIONAL CENTRE FOR MARINE RESEARCH, ATHENS	82: 83: NCMRA 84: 85: 86: 87: 88:	89: 3000 90: NIL 91: 92: 93: 94: 95:
POLLUTION EFFECTS ON PLANKTON COMPOSITION AND SPATIAL DISTRIBUTION NEAR THE SEWAGE OUTFALL OF ATHENS (SARONIKOS GULF)		
FAO ISR- 34-G Y. ACHITUV DEPT. OF LIFE SCIENCES, BAR-ILAN UNIVERSITY, RAMAT-GAN	82: 83: UBIRG 84: 85: 86: 87: 88:	89: 3000 90: NIL 91: 92: 93: 94: 95:
BIOACCUMULATION AND ULTRASTRUCTURE CHANGES IN DONAX TRUNCULUS EXPOSED TO HEAVY METALS IONS		
FAO ISR- 24-I B. S. GALIL INSTITUTE FOR NATURE CONSERVATION RESEARCH, FACULTY OF LIFE SCIENCES, TEL AVIV	82: 83: UTALF 84: 85: 86: 87: 3000 88: 4000	89: NIL 90: EXT 91: 92: 93: 94: 95:
POLLUTION INDUCED MODIFICATIONS IN THE COMPOSITION AND DIVERSITY OF PLANKTONIC LARVAL DECAPODA OFF THE MEDITERRANEAN COAST OF ISRAEL		
FAO ITA- 64-G V. ALBERGONI DIPARTIMENTO DI BIOLOGIA, UNIVERSITA DI PADOVA, PADOVA	82: 83: UPDBA 84: 85: 86: 3000 87: 3000 88: NIL	89: 3000 90: NIL 91: 92: 93: 94: 95:
BIOACCUMULATION STUDIES AND PHYSIOLOGICAL AND BIOCHEMICAL RESPONSES IN MARINE ORGANISMS EXPOSED TO HEAVY METALS AND POLYCHLORINATED BIPHENYLS		
FAO ITA- 65-G L. DALLA VENEZIA ISTITUTO DI BIOLOGIA DEL MARE, CNR, VENEZIA	82: 83: IBMVE 84: 85: 86: NIL 87: 2500 88: 4000	89: 3000 90: NIL 91: 92: 93: 94: 95:
STUDY OF OSMOREGULATION MECHANISMS IN MARINE INVERTEBRATES UNDER POLLUTION CONDITIONS		

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M A P

FAO ITA- 83-G R. CAPELLI	82:	89:NIL
ISTITUTO DI CHIMICA GENERALE, UNIVERSITA DI GENOVA, GENOVA	83:	90:COM
	UGECC 84:	91:
TIN, ORGANOTIN COMPOUNDS AND THALLIUM IN MARINE ORGANISMS	85:	92:
	86:	93:
	87: 3000	94:
	88: 4000	95:

FAO ITA- 97-G C. BARGHIGIANI	82:	89: 3000
CENTRO INTERUNIVERSITARIO DI BIOLOGIA MARINA, LIVORNO	83:	90:COM
	CIBML 84:	91:
MERCURY PRESENCE IN BENTHIC ORGNISMS OF THE NORTHERN TYRRHENIAN SEA IN RELATION TO THE CINNABAR ANOMALY OF MOUNT AMIATA	85:	92:
	86:	93:
	87: 3000	94:
	88: 4000	95:

FAO ITA- 81-H L. ROTTINI-SANDRINI	82:	89: 3000
LABORATORY OF MARINE BIOLOGY - CIMAM, TRIESTE	83:	90:COM
	CIMAM 84:	91:
PERIODICITY AND CAUSES OF IRREGULAR MACRO-AND MICRO-PLANKTON BLOOMS APPEARING IN EUTROPHICATED AREAS IN NORTHERN ADRIATIC AND THE GULF OF TRIESTE	85:	92:
	86: 3000	93:
	87: 3000	94:
	88:NIL	95:

FAO ITA- 93-H F. BOERO	82:	89: 3000
BIOLOGY DEPARTMENT, UNIVERSITY OF LECCE, LECCE	83:	90:NIL
	ULEBD 84:	91:
ACTIVITY, BEHAVIOUR AND DIET OF JELLYFISH	85:	92:
	86:	93:
	87: 3000	94:
	88: 4000	95:

FAO ITA-111-H A. CARLI	82:	89:NIL
ISTITUTO DI SCIENZE AMBIENTALI MARINE, UNIVERSITA DI GENOVA, GENOVA	83:	90:EXT
	UGEAM 84:	91:
STUDY OF PLANKTONIC POPULATIONS IN RELATION TO THE EUTROPHICATION STATE OF WATER IN A LIGURIAN SEA ZONE	85:	92:
	86:	93:
	87:	94:
	88: 3500	95:

FAO ITA- 94-I G. BRESSAN	82:	89:NIL
LABORATORY OF MARINE BIOLOGY - CIMAM, TRIESTE	83:	90:EXT
	CIMAM 84:	91:
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	86:	93:
	87: 3000	94:
	88:NIL	95:

FAO ITA-117-I M. SARA	82:	89:NIL
ISTITUTO DI ZOOLOGIA, UNIVERSITA DI GENOVA, GENOVA	83:	90:EXT
	UGEZO 84:	91:
EVALUATION OF THE INFLUENCE OF SUSPENDED MATTER DUE TO CIVIL AND INDUSTRIAL DISCHARGES ON BENTHIC ROCKY COMMUNITIES OF A CLIFF NEAR THE PORTOFINO PROMONTORY (RIVIERA LIGURE DI LEVANTE)	85:	92:
	86:	93:
	87:	94:
	88:	95:

FAO ITA- 69-K F. BALDI	82:	89: 3000
DIPARTIMENTO DI BIOLOGIA AMBIENTALE, UNIVERSITA DI SIENA, SIENA	83:	90:COM
	USIBA 84:	91:
ISOLATION AND ASSESSMENT OF BACTERIA WHICH TRANSFORM THE INORGANIC AND ORGANIC FORMS OF MERCURY IN THE MARINE ENVIRONMENT: METHOD TO EVALUATE THE BIOTRANSFORMING FEATURES OF MERCURY-RESISTANT BACTERIA	85:	92:
	86: 3000	93:
	87: 3000	94:
	88:NIL	95:

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M A P

FAO ITA- 96-K E. TARAMELLI-RIVOSECCHI	82:	89: NIL
ISTITUTO DI ZOOLOGIA, UNIVERSITA DI ROMA "LA SAPIENZA", ROMA	83:	90: COM
	UROSA 84:	91:
CADMIUM IN WATER, SEDIMENTS AND BENTHIC ORGANISMS FROM A STRETCH OF COAST FACING	85:	92:
THE THERMOELECTRIC CENTRES AT TORVALDALIGA (CIVITAVECCHIA-ROMA)	86:	93:
	87: 3000	94:
	88: 4000	95:
FAO ITA-104-K R. FERRARA	82:	89: 3000
CENTRO INTERUNIVERSITARIO DI BIOLOGIA MARINA, LIVORNO	83:	90: COM
	CIBML 84:	91:
ROLE OF POSIDONIA OCEANICA PRAIRIES ON BIOAVAILABILITY OF MERCURY	85:	92:
IN MARINE ENVIRONMENT	86:	93:
	87: 3500	94:
	88: 4000	95:
FAO LEB- 5-H M. ABBOUD-ABI SAAB	82:	89: 2000
MARINE RESEARCH CENTRE, BEIRUT	83:	90: EXT
	MRCBE 84:	91:
INFLUENCE DES RIVIERES SAISONNIERES SUR LA DYNAMIQUE DES POPULATIONS	85:	92:
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	87:	94:
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MARINE RESEARCH CENTRE, BEIRUT	83:	90: COM
	MRCBE 84:	91:
POLLUTION-INDUCED ECOSYSTEM MODIFICATIONS: SURVEY ON ICHTHYOPLANKTON ALONG THE	85:	92:
COAST OF LEBANON PARTICULARLY IN POLLUTED ZONES	86: 3000	93:
	87: 3000	94:
	88: NIL	95:
FAO MAL- 4-G V. AXIAK	82:	89: NIL
BIOLOGY SECTION, MATHS AND SCIENCES DEPT., UNIVERSITY OF MALTA	83:	90: EXT
	UMLBS 84:	91:
AN INVESTIGATION ON THE BIOLOGICAL RESPONSES OF SELECTED MARINE INVERTEBRATES	85:	92:
TO ORGANOPHOSPHORUS PESTICIDES	86: 3000	93:
	87: 3000	94:
	88: NIL	95:
FAO YUG- 57-G C. LUCU	82:	89: 3000
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ROVINJ	83:	90: COM
	CMRRO 84:	91:
INTERACTION OF METAL POLLUTANTS WITH GILL EPITHELIA OF MARINE ORGANISMS.	85:	92:
TRANSPORT AND EFFECTS	86:	93:
	87: 3000	94:
	88: 3000	95:
FAO YUG- 70-G B. OZRETIC	82:	89: NIL
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ROVINJ	83:	90: EXT
	CMRRO 84:	91:
DEVELOPMENT OF SHORT-TERM TOXICITY TESTS: THE USE OF SEA URCHIN GAMETES AND	85:	92:
THEIR DEVELOPMENTAL STAGES	86: 3000	93:
	87: 3000	94:
	88: NIL	95:
FAO YUG- 72-G J. PAVICIC	82:	89: 3000
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:	90: COM
	CMRZA 84:	91:
METAL-BINDING PROTEINS SIMILAR TO METALLOTHIONEINS AS A POTENTIAL INDICATOR OF	85:	92:
METAL POLLUTION	86:	93:
	87: 3000	94:
	88: 3000	95:

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M A P

FAO YUG-100-G M. OZRETIC	82:	89: 3000
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:NIL
	CMRZA 84:	91:
EFFECT OF ORGANOPHOSPHATE AND CARBAMATE PESTICIDES ON MUSSEL (MYTILUS GALLOPROVINCIALIS L.) ESTERASES	85:	92:
	86:	93:
	87:	94:
	88:	95:

FAO YUG- 82-H T. LEGOVIC	82:	89: 3000
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:EXT
	CMRZA 84:	91:
LONG-TERM EUTROPHICATION OF THE NORTHERN ADRIATIC SEA: EVIDENCE AND CONTROL	85:	92:
	86:	93:
	87:	94:
	88: 4000	95:

FAO YUG- 86-H D. DEGOBBIS	82:	89:NIL
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ROVINJ	83:	90:EXT
	CMRRO 84:	91:
EUTROPHICATION TRENDS IN THE NORTHERN ADRIATIC SEA	85:	92:
	86:	93:
	87:	94:
	88: 4000	95:

FAO YUG- 87-H V. ZUTIC	82:	89: 3000
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:EXT
	CMRZA 84:	91:
EUTROPHICATION PROCESSES IN THE KRKA ESTUARY (ADRIATIC SEA)	85:	92:
	86:	93:
	87:	94:
	88: 4000	95:

FAO YUG- 93-H D. ZAVODNIK	82:	89: 3000
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ROVINJ	83:	90:NIL
	CMRRO 84:	91:
PHYTOPLANKTON BLOOM CONSEQUENCES ON BENTHIC ORGANISMS	85:	92:
	86:	93:
	87:	94:
	88:	95:

FAO YUG- 64-K M. BRANICA	82:	89: 3000
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:NIL
	CMRZA 84:	91:
BIOGEOCHEMICAL CYCLE OF MERCURY SPECIES IN THE MARINE ENVIRONMENT	85:	92:
	86: 3000	93:
	87: 4000	94:
	88:NIL	95:

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IAEA

M A P

IAEA FRA- 18-L J. M. MARTIN ECOLE NORAMLE SUPERIEURE, PARIS	(COMBINED WITH FRA-23/L)	82: 83: ENSUP 84: 85:NIL 86:NIL 87:NIL 88: 3000	89:EXT 90:EXT 91: 92: 93: 94: 95:
MECANISMES DE TRANSFERT DE RADIONUCLEIDES ARTIFICIELS ENTRE LE RHONE ET LA MEDITERRANEE. APPORTS DE RADIOELEMENTS ARTIFICIELS PAR LE RHONE A LA MEDITERRANEE			
IAEA GRE- 37-K A. P. GRIMANIS CHEMISTRY DEPARTMENT, DEMOCRITOS NUCLEAR RESEARCH CENTRE, ATHENS		82: 83: DEMAT 84: 85: 86: 2500 87:NIL 88: 2500	89:EXT 90:EXT 91: 92: 93: 94: 95:
TRANSFER OF POLLUTANTS (HEAVY METALS-HYDROCARBONS) IN THE MARINE ENVIRONMENT OF SARONIKOS GULF			
IAEA GRE- 36-L S. VARNAVAS DEPARTMENT OF GEOLOGY, UNIVERSITY OF PATRAS, PATRAS		82: 83: UPADG 84: 85: 86: 87: 3000 88: 4000	89:EXT 90:EXT 91: 92: 93: 94: 95:
A STUDY OF THE BEHAVIOUR OF HEAVY METALS IN RELATION TO SEDIMENTATION AND HYDRAULIC PROCESSES IN A SEMI-ENCLOSED INDUSTRIALIZED EMBAYMENT, PATRAIKOS BAY, WESTERN GREECE			
IAEA GRE- 46-L G. VASSILIKIOTIS CHEMISTRY DEPARTMENT, ARISTOTELIAN UNIVERSITY OF THESSALONIKI, THESSALONIKI		82: 83: UTHCD 84: 85: 86: 2500 87:NIL 88: 2500	89:EXT 90:EXT 91: 92: 93: 94: 95:
TRANSPORT MECHANISMS DISTRIBUTION AND MOBILIZATION OF HEAVY METALS IN WATER AND SEDIMENTS IN AXIOS RIVER, ITS ESTUARIES AND THERMAIKOS GULF			
IAEA GRE- 51-L P. KOUTSOUKOS PHYSICAL CHEMISTRY LABORATORY, UNIVERSITY OF PATRAS, PATRAS		82: 83: UPAPC 84: 85: 86: 87: 4000 88: 4000	89:EXT 90:EXT 91: 92: 93: 94: 95:
THE INTERACTION OF POLLUTANTS AT THE AIR/WATER/SEDIMENT INTERFACES			
IAEA ISR- 30-L M. D. KROM ISRAEL OCEANOGRAPHIC AND LIMNOLOGICAL RESEARCH INSTITUTE, HAIFA		82: 83: IOLRI 84: 85: 86: 87: 88: 4000	89:EXT 90:EXT 91: 92: 93: 94: 95:
DETERMINATION OF THE TOTAL INVENTORY AND SPATIAL DISTRIBUTION OF POLLUTANT TRACE METALS FROM LAND-BASED SOURCES IN THE SEDIMENTS FROM HAIFA BAY, ISRAEL			
IAEA ITA- 70-A R. CECCHI OSSERVATORIO GEOFISICO, UNIVERSITA DI MODENA, MODENA		82: 83: UMDOG 84: 85: 86: 87: 4000 88: 4000	89:EXT 90:EXT 91: 92: 93: 94: 95:
EXPERIMENTAL PROGRESSES IN HEAVY METALS PIXE ANALYSIS IN SEAWATERS			
IAEA ITA- 76-K L. TASSI PELATI ISTITUTO DI ZOOLOGIA, UNIVERSITA DI PARMA, PARMA	(SEE ALSO ITA/14-L)	82: 83: UPRIZ 84:NIL 85:NIL 86:NIL 87:NIL 88:EXT	89:EXT 90:EXT 91: 92: 93: 94: 95:
BIOLOGICAL TRANSFER OF RADIONUCLIDES IN THE SEA			

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M A P

IAEA	ITA- 3-L	O. HIEKE MERLIN	(SEE ALSO ITA/32-L)	82:	89:EXT
ISTITUTO CHIMICA GENERALE ED INORGANICA SEZIONE MINERALOGICA, VENEZIA				83:	90:EXT
TEXTURAL AND MINERALOGICAL CHARACTERS AND ROLE IN THE POLLUTION PROCESSES OF BOTTOM SEDIMENTS IN THE NORTHERN ADRIATIC SEA				ICGIV 84:	91: 5000
				85:	92: NIL
				86:	93: 5000
				87:	94: NIL
				88:	95: EXT
IAEA	ITA- 32-L	R. FRACHE	(SEE ALSO ITA/03-L)	82:	89:EXT
ISTITUTO DI CHIMICA GENERALE, UNIVERSITA DI GENOVA, GENOVA				83:	90:EXT
CHEMISTRY AND DYNAMICS IN THE TRANSPORT OF HEAVY METALS IN PARTICULATE MATTER IN LIGURIAN AND TYRRHENIAN SEA				UGECC 84:	91: NIL
				85:	92: NIL
				86:	93: NIL
				87:	94: NIL
				88:	95: EXT
IAEA	SPA- 10-A	M. GASSIOT-MATAS		82:	89:EXT
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STUDY OF ORGANOCHLORINATED POLLUTANTS TRANSFER THROUGH THE MARINE INTERFACE				IQSBA 84:	91:
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				86:	93: 6000
				87:	94: 6000
				88:	95: 6000
IAEA	TUR- 17-K	S. PORTAKAL		82:	89:EXT
RADIOBIOLOGY, NUCLEAR RESEARCH AND TRAINING CENTRE, ISTANBUL				83:	90:EXT
DETERMINATION OF THE MEDITERRANEAN SURFACE WATERS AND SEDIMENTS 238PU, 239 240PU, 137CS, 60CO AND 90SR LEVELS AT THE SOUTH AND WEST COAST OF TURKEY				NRTCI 84:	91:
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				86:	93:
				87:	94: 4000
				88:	95: EXT
IAEA	YUG- 9-A	J. MAKJANIC		82:	89:EXT
DEPARTMENT OF PHYSICS, RUDJER BOSKOVIC INSTITUTE, ZAGREB				83:	90:EXT
DEVELOPMENT OF X-RAY EMISSION SPECTROSCOPY AS MULTIELEMENTAL ANALYTICAL TECHNIQUES FOR MONITORING MARINE POLLUTANTS				IRBDP 84:	91: 2000
				85:	92: NIL
				86:	93: NIL
				87:	94: NIL
				88:	95: EXT
IAEA	YUG- 77-A	M. SKREBLIN		82:	89:EXT
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ROVINJ				83:	90:EXT
OPTIMIZATION OF PROCEDURES FOR THE DETERMINATION OF MERCURY IN ENVIRONMENTAL SAMPLES USING THE M-511 GOLD FILM MERCURY ANALYZER				CMRRO 84:	91:
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				86:	93:
				87:	94: 2000
				88:	95: 2000
IAEA	YUG- 11-K	M. BRANICA		82:	89:EXT
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB				83:	90:EXT
ANTHROPOGENIC INFLUENCE ON THE DISTRIBUTION AND FLUXES OF LEAD SPECIES INTO THE MARINE ENVIRONMENT				CMRZA 84:	91: 4000
				85:	92: NIL
				86:	93: 4000
				87:	94: NIL
				88:	95: EXT
IAEA	YUG- 22-K	N. AJDACIC		82:	89:EXT
UNIVERSITY "VELJKO VLAHOVIC", TITOGRAD				83:	90:EXT
ACCUMULATION AND TRANSPORT OF RADIONUCLIDES IN THE BIOTA OF THE SOUTH ADRIATIC REGION				UTITO 84:	91: 2000
				85:	92: NIL
				86:	93: NIL
				87:	94: NIL
				88:	95: EXT

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M A P		

IAEA YUG- 78-K A. MALEJ	82:	89:EXT
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	MRTCP 84:	91:
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	87: 4000	94:
	88: 4000	95:

IAEA YUG- 85-K B. COSOVIC	82:	89:EXT
CENTRE FOR MARINE RESEARCH, RUĐJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:EXT
	CMRZA 84:	91:
OCCURRENCE, FATE AND EFFECTS OF SYNTHETIC SURFACTANTS IN THE MARINE ENVIRONMENT	85:	92:
	86:	93:
	87:	94:
	88: 5000	95:

IAEA YUG- 10-L V. PRAVDIC	82:	89:EXT
CENTRE FOR MARINE RESEARCH, RUĐJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:EXT
	CMRZA 84: 4000	91:
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	87:NIL	94:
	88:EXT	95:

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IOC

M A P

IOC ALG- 7-A K. ABEDDAIM	82:	89:EXT
INSTITUT DES SCIENCES DE LA NATURE, U.S.T.H.B., ALGER	83:	90:EXT
	USTHB 84:	91:
RECHERCHE ET DEVELOPPEMENT DE TECHNIQUES D'ECHANTILLONNAGE ET D'ANALYSE	85:	92:
D'HYDROCARBURES PETROLIERS ET DERIVES DE L'INDUSTRIE PETROCHIMIQUE DISSOUS	86:	93:
OU DISPERSES EN MILIEU MARIN	87:	94:
	88: 4000	95:

IOC EGY- 12-F M. A. SAID	82:	89:EXT
INSTITUTE OF OCEANOGRAPHY AND FISHERIES, ALEXANDRIA	83:	90:EXT
	IOFAL 84:	91:
MODELLING OF CIRCULATION PROCESSES IN THE EGYPTIAN MEDITERRANEAN SHELF WATER	85:	92:
OFF ALEXANDRIA COAST, AND THEIR INFLUENCE ON THE TRANSPORT OF POLLUTANTS IN THE	86:	93:
NEAR-SHORE AREA	87:	94:
	88: 4000	95:

IOC FRA- 20-F P. M. LEUCHER	82:	89:EXT
SERVICE HYDRAULIQUE, CENTRE D'ETUDES TECHNIQUE, LES MILLES	83:	90:EXT
	SHCET 84:	91:
MEDMODEL (MODELISATION HYDRODYNAMIQUE DU BASSIN OCCIDENTAL DE LA MEDITERRANEE)	85:NIL	92:
	86: 4000	93:
	87: 3000	94:
	88:EXT	95:

IOC FRA- 43-L M. AUBERT	82:	89:EXT
CENTRE D'ETUDES ET DE RECHERCHES DE BIOLOGIE ET D'OCEANOGRAPHIE MEDICALE, NICE	83:	90:EXT
	CRBOM 84:	91:
ETUDE DE TRANSFERTS DE POLLUTANTS ENTRE LA MER TYRRHENIENNE ET LA MER IONIENNE	85:	92:
PAR LE DETROIT DE MESSINE	86:	93:
	87:	94:
	88: 4000	95:

IOC GRE- 10-F M. BONAZUNTAS	82:	89:EXT
DEPARTMENT OF CIVIL ENGINEERING, NATIONAL TECHNICAL UNIVERSITY, ATHENS	83:	90:EXT
	UNTAT 84:	91:
MODELLING POLLUTANT CIRCULATION IN COASTAL WATERS	85: 5000	92:
	86:NIL	93:
	87:NIL	94:
	88:EXT	95:

IOC GRE- 40-F G. FERENTINOS	82:	89:EXT
DEPARTMENT OF GEOLOGY, UNIVERSITY OF PATRAS, PATRAS	83:	90:EXT
	UPADG 84:	91:
A STUDY OF THE CIRCULATION PATTERNS IN A FJORD TYPE SEMI-ENCLOSED SEA,	85:	92:
AMBRAKIKOS BAY, IONIAN SEA; A) MECHANISMS GOVERNING THE WATER EXCHANGE BETWEEN	86: 3000	93:
THE OPEN SEA AND THE FJORD, B) RIVER PLUME DISPERSION	87:NIL	94:
	88:EXT	95:

IOC GRE- 48-F M. BONAZUNTAS	82:	89:EXT
DEPARTMENT OF CIVIL ENGINEERING, NATIONAL TECHNICAL UNIVERSITY, ATHENS	83:	90:EXT
	UNTAT 84:	91:
OPTIMIZATION OF SEA OUTFALLS	85:	92:
	86:	93:
	87: 3000	94:
	88:EXT	95:

IOC GRE- 50-F C. KOUTITAS	82:	89:EXT
DEPARMENT OF CIVIL ENGINEERING, ARISTOTELIAN UNIVERSITY OF THESSALONIKI	83:	90:EXT
	UTHCE 84:	91:
PHYSICAL INVESTIGATION AND MODELLING OF CIRCULATION AND POLLUTANTS TRANSPORT IN	85:	92:
AEGEAN SEA	86:	93:
	87: 2000	94:
	88: 4000	95:

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LES CHIFFRES FIGURANT CI-DESSOUS REPRESENTENT L'ASSISTANCE FINANCIERE ANNUELLE EN DOLLARS E.U.

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			M A P	
IOC GRE- 35-L M. BONAZUNTAS		82:		89:EXT
DEPARTMENT OF CIVIL ENGINEERING, NATIONAL TECHNICAL UNIVERSITY, ATHENS		83:		90:EXT
	UNTAT	84:		91:
OPTIMIZATION OF POLLUTANT TRANSFER REDUCTION TO THE MEDITERRANEAN FROM LAND-BASED AND RIVER SOURCES		85:		92:
		86: 4000		93:
		87:NIL		94:
		88:EXT		95:

IOC ISR- 32-F A. GOLIK		82:		89:EXT
ISRAEL OCEANOGRAPHIC AND LIMNOLOGICAL RESEARCH INSTITUTE, HAIFA		83:		90:EXT
	IOLRI	84:		91:
ASSESSMENT OF LITTER QUANTITY AND BEHAVIOUR ON THE ISRAELI BEACHES		85:		92:
		86:		93:
		87:		94:
		88: 7000		95:

IOC ITA- 61-A G. C. PAPPALARDO		82:		89:EXT
DIPARTIMENTO DI SCIENZE CHIMICHE, UNIVERSITA DI CATANIA, CATANIA		83:		90:EXT
	UCASC	84:		91:
STUDIES AND MONITORING OF MAJOR AND MINOR ELEMENTS IN MEDITERRANEAN SEAWATERS BY SIMULTANEOUS INDUCTIVELY COUPLED PLASMA (ICP) EMISSION SPECTROMETRY		85:		92:
		86:NIL		93:
		87:NIL		94:
		88:EXT		95:

IOC ITA- 23-F S. CUNSOLO		82:		89:EXT
DEPARTIMENTO DI FISICA, UNIVERSITA "LA SAPIENZA", ROMA		83:		90:EXT
	URODF	84:		91:
VERTICAL TRANSPORT PROCESSES OF MARINE WATER NEAR THE ITALIAN COASTS		85: 6000		92:
		86:NIL		93:
		87: 3000		94:
		88:EXT		95:

IOC ITA- 33-F R. SANTANGELO		82:		89:EXT
OSSERVATORIO GEOFISICO, UNIVERSITA DI MODENA, MODENA		83:		90:EXT
	UMOOG	84:		91:
APPROXIMATE MODELS FOR THE NORTHERN ADRIATIC SEA AND EXPERIMENTAL CHECKS OF CURRENTS IN FIXED POINTS		85: 8000		92:
		86:NIL		93:
		87:NIL		94:
		88:EXT		95:

IOC ITA- 86-F R. SANTANGELO		82:		89:EXT
OSSERVATORIO GEOFISICO, UNIVERSITA DI MODENA, MODENA		83:		90:EXT
	UMOOG	84:		91:
LONGSHORE CURRENTS		85:		92:
		86:		93:
		87: 3000		94:
		88: 5000		95:

IOC ITA- 89-F S. PIERINI		82:		89:EXT
ISTITUTO DI OCEANOLOGIA, ISTITUTO UNIVERSITARIO NAVALE, NAPOLI		83:		90:EXT
	IUNNA	84:		91:
LOW FREQUENCY OSCILLATIONS IN THE MEDITERRANEAN SEA		85:		92:
		86:		93:
		87: 3000		94:
		88:EXT		95:

IOC ITA- 90-F F. STRAVISI		82:		89:EXT
ISTITUTO TALASSOGRAFICO DI TRIESTE, TRIESTE		83:		90:EXT
	ITTRI	84:		91:
A REVISION OF THE CLIMATOLOGICAL SERIES IN THE NORTHERN ADRIATIC WITH RESPECT TO OCEANOGRAPHIC PROCESSES		85:		92:
		86:		93:
		87:NIL		94:
		88:EXT		95:

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		M A P		
IOC	ITA- 56-L G. FIERRO		82:	89:EXT
	ISTITUTO DI GEOLOGIA, UNIVERSITA DI GENOVA, GENOVA		83:	90:EXT
		UGEIG	84:	91:
	SEDIMENT AND PARTICULATE MATTER STUDIES IN THE LIGURIAN SEA; MECHANISM OF INTERACTION WITH POLLUTANT MATTER		85: 8000	92:
			86:NIL	93:
			87: 3000	94:
			88:EXT	95:
IOC	ITA- 73-L R. SANTANGELO		82:	89:EXT
	OSSERVATORIO GEOFISICO, UNIVERSITA DI MODENA, MODENA		83:	90:EXT
		UMOOG	84:	91:
	BOX MODEL FOR EVOLUTION OF METALS IN MEDITERRANEAN SEA		85:	92:
			86:NIL	93:
			87:NIL	94:
			88:EXT	95:
IOC	ITA- 99-L R. PURINI		82:	89:EXT
	ISTITUTO DI FISICA DELL'ATMOSFERA, CNR, ROMA		83:	90:EXT
		CNRRO	84:	91:
	AIR-SEA INTERACTIONS IN THE MEDITERRANEAN SEA		85:	92:
			86:	93:
			87:NIL	94:
			88:EXT	95:
IOC	ITA-103-L S. GUERZONI		82:	89:EXT
	ISTITUTO DI GEOLOGIA MARINA, CNR, BOLOGNA		83:	90:EXT
		CNRBO	84:	91:
	TRANSPORT OF POLLUTANTS BY SEDIMENTATION		85:	92:
			86:	93:
			87: 2000	94:
			88: 3000	95:
IOC	SPA- 19-F J. SALAT		82:	89:EXT
	INSTITUTO DE INVESTIGACIONES PESQUERAS, BARCELONA		83:	90:EXT
		IPESQ	84:	91:
	EASTERN MEDITERRANEAN DRIFT-CARD EXPERIMENT (DRIFTEX)		85:	92:
			86: 3000	93:
			87:NIL	94:
			88:EXT	95:
IOC	SPA- 29-F M. G. MARINO		82:	89:EXT
	ESCUELA NACIONAL DE SANIDAD, CIUDAD UNIVERSITARIA, MADRID		83:	90:EXT
		ENSMA	84:	91:
	EVALUATION OF FLOATING PERSISTENT SYNTHETIC MATERIALS IN NORTHERN WESTERN MEDITERRANEAN. ANALYSIS OF THE EFFECT OF THE IMPLEMENTATION OF THE PROTOCOL FOR LAND-BASED SOURCES		85:	92:
			86:	93:
			87:	94:
			88: 6000	95:
IOC	SPA- 16-L J. ALBAIGES		82:	89:EXT
	INSTITUTE OF BIO-ORGANIC CHEMISTRY, BARCELONA		83:	90:EXT
		ICHBA	84:	91:
	TRANSPORT AND FATE OF WASTEWATER DISCHARGES OF THE CITY OF BARCELONA AND ADJACENT RIVERS (BESOS AND LLOBREGAT) INTO THE COASTAL WATER		85: 8000	92:
			86: 3000	93:
			87: 3000	94:
			88:EXT	95:
IOC	TUR- 16-L U. UNLUATA		82:	89:EXT
	MIDDLE EAST TECHNICAL UNIVERSITY, ERDEMLI-ICEL		83:	90:EXT
		UMETE	84:	91:
	TRANSPORT OF WATER AND SELECTED SUBSTANCES THROUGH THE STRAIT OF CANAKKALE - THE SEA OF MARMARA - THE STRAIT OF INSTANBUL: A REVIEW		85:	92:
			86:	93:
			87: 4000	94:
			88:EXT	95:

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			M A P	

IOC	YUG- 15-F M. KUZMIC		82:	89:EXT
	CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB		83:	90:EXT
		CMRZA	84:NIL	91:
	MATHEMATICAL MODELLING OF HORIZONTAL CIRCULATION AND VERTICAL DISTRIBUTION OF CURRENTS IN THE NORTHERN ADRIATIC		85: 3000	92:
			86:NIL	93:
			87: 3000	94:
			88:EXT	95:

IOC	YUG- 68-F M. GACIC		82:	89:EXT
	INSTITUTE OF OCEANOGRAPHY AND FISHERIES, SPLIT		83:	90:EXT
		IOFSP	84:	91:
	PHYSICAL OCEANOGRAPHY COMPONENT OF POLLUTION MONITORING		85:	92:
			86:NIL	93:
			87: 4000	94:
			88: 4000	95:

IOC	YUG- 79-F T. LEGOVIC		82:	89:EXT
	CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB		83:	90:EXT
		CMRZA	84:	91:
	RECONSTRUCTION OF A CURRENT FIELD AND CONCENTRATION FIELD OF A POLLUTANT IN COASTAL SEA USING MICROCROMPUTER		85:	92:
			86:	93:
			87: 3000	94:
			88:EXT	95:

IOC	YUG- 81-L V. ZUTIC		82:	89:EXT
	CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB		83:	90:EXT
		CMRZA	84:	91:
	POLLUTANT ACCUMULATION AT THE HALOCLINE OF MEDITERRANEAN STRATIFIED ESTUARIES		85:	92:
			86:	93:
			87:	94:
			88: 4000	95:

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WHO

M A P

WHO FRA- 16-K P. BERNARD	82:	89:EXT
INST. NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, UNITE INSERM, NICE	83:	90:EXT
	INSER 84:	91:
RECHERCHE DE DERMATOPHYTES ET MOISSISSURES PATHOGENES DANS LE SABLE DES ZONES	85:	92:
MARINES A VOCATION BALNEAIRE PAR METHODE DE FILTRATION SUR MEMBRANES ET	86: 3500	93:
SENSIBILITE DES DERMATOPHYTES ISOLES VIS-A-VIS DE CERTAINS ANTIFONGI	87:NIL	94:
	88:EXT	95:
WHO FRA- 44-K M. J. GAUTHIER	82:	89: 3500
INST. NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, UNITE INSERM, NICE	83:	90:EXT
	INSER 84:	91:
EVOLUTION PHENOTYPIQUE ET GENETIQUE DES ENTEROBACTERIES PATHOGENES DANS LE	85:	92:
MILIEU MARIN (EAU, SEDIMENTS, BIOMASSE)	86:	93:
	87:	94:
	88: 3000	95:
WHO FRA- 46-K M. J. GAUTHIER	82:	89: 3500
INST. NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, UNITE INSERM, NICE	83:	90:EXT
	INSER 84:	91:
INFLUENCE DES MECANISMES D'OSMOREGULATION SUR LA SURVIE ET L'ADAPTATION DES	85:	92:
BACTERIES ENTERIQUES DANS L'ENVIRONNEMENT MARIN	86:	93:
	87:	94:
	88:	95:
WHO FRA- 47-K M. J. GAUTHIER	82:	89: 3500
INST. NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, UNITE INSERM, NICE	83:	90:EXT
	INSER 84:	91:
ETUDE EXPERIMENTALE DU TRANSFERT DE GENES PLASMIDIQUES ENTRE LES ENTEROBACTERIES	85:	92:
DANS L'EAU DE MER, LES SEDIMENTS ET LE TRACTUS DIGESTIF DES INVERTEBRES MARINS	86:	93:
	87:	94:
	88:	95:
WHO GRE- 53-A A. V. MARCELOU-KINTI/J.A. PAPADAKIS	82:	89: 3000
ATHENS SCHOOL OF HYGIENE, ATHENS	83:	90:EXT
	ASHAT 84:	91:
A STUDY ON THE COMPARATIVE DISTRIBUTION OF MICROBIAL AND YEAST POPULATIONS IN	85:	92:
SAND AND SEAWATER	86:	93:
	87: 4000	94:
	88: 3500	95:
WHO GRE- 58-D M. PAPAPETROPOULOU	82:	89: 3000
PUBLIC HEALTH LABORATORY, UNIVERSITY OF PATRAS, PATRAS	83:	90:EXT
	UPPHL 84:	91:
EFFECTS OF BATHING ON HUMAN SKIN FLORA	85:	92:
	86:	93:
	87:	94:
	88: 4000	95:
WHO GRE- 60-D G. PAPAEVANGELOU	82:	89: 4000
DEPARTMENT OF MEDECINE, ARISTOTELIAN UNIVERSITY OF THESSALONIKI, THESSALONIKI	83:	90:EXT
	UTHDM 84:	91:
STUDY OF THE SEWAGE POLLUTION OF THE THERMAIKOS GULF WITH PATHOGENIC MICRO-	85:	92:
ORGANISMS. DETECTION OF HEPATITIS A VIRUS IN SEWAGE, SEAWATER AND SHELLFISH	86:	93:
	87:	94:
	88: 5000	95:
WHO GRE- 66-D J. A. PAPADAKIS	82:	89: 6000
ATHENS SCHOOL OF HYGIENE, ATHENS	83:	90:EXT
	ASHAT 84:	91:
INVESTIGATION OF THE DERMATOLOGICAL DISEASES AFTER BATHING AND THEIR POSSIBLE	85:	92:
RELATION TO THE BACTERIOLOGICAL AND FUNGAL FLORA OF SEA WATER AND SAND AND	86:	93:
FREQUENCY OF BATHING.	87:	94:
	88:	95:

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			M A P	
WHO GRE- 47-E J. GANOULIS	82:			89:NIL
SCHOOL OF TECHNOLOGY, ARISTOTELIAN UNIVERSITY OF THESSALONIKI, THESSALONIKI	83:			90:EXT
	UTHST 84:			91:
DEVELOPMENT OF GUIDELINES FOR THE DESIGN OF SUBMARINE OUTFALLS IN THE MEDITERANEAN	85:			92:
	86:	4000		93:
	87:	3500		94:
	88:	3000		95:

WHO GRE- 52-K V. KRIKELIS	82:			89:EXT
T.E.I., DEPT. OF VIROLOGY, LARISSA	83:			90:EXT
	TEILA 84:			91:
INACTIVATION OF VIRUSES IN AQUATIC ENVIRONMENTS	85:			92:
	86:			93:
	87:	4000		94:
	88:	NIL		95:

WHO GRE- 57-K V. KRIKELIS	82:			89:EXT
MUNICIPAL WATER SEWAGE COMPANY OF LARISSA (DEYAL), LARISSA	83:			90:EXT
	MWSLA 84:			91:
TRANSFER OF MICROBIAL AND CHEMICAL POLLUTANTS FROM THE RIVER OF PINEOS TO COASTAL WATERS OF STOMION	85:			92:
	86:			93:
	87:			94:
	88:	3000		95:

WHO ISR- 19-G H. RAV-ACHA	82:			89:EXT
SCHOOL OF APPLIED SCIENCES AND TECHNOLOGY, THE HEBREW UNIVERSITY, JERUSALEM	83:			90:EXT
	UHBAS 84:			91:
MUTAGENICITY OF CHLORINATED SEAWATER FROM POWER PLANTS COOLING SYSTEMS	85:			92:
	86:	3000		93:
	87:	3000		94:
	88:	NIL		95:

WHO ISR- 33-K R. GHINSBERG	82:			89: 3000
DR. A. FELIX PUBLIC HEALTH LABORATORY, MINISTRY OF HEALTH, TEL AVIV	83:			90:EXT
	FELIX 84:			91:
STUDY OF THE PREVALENCE OF PATHOGENIC BACTERIA IN THE SAND OF POPULATED BEACHES IN THE TEL AVIV AREA (MEDITERRANEAN SEA)	85:			92:
	86:			93:
	87:			94:
	88:			95:

WHO ITA-126-A L. VOLTERRA	82:			89: 3000
ISTITUTO SUPERIORE DI SANITA, ROMA	83:			90:EXT
	ISUPR 84:			91:
ENTEROVIRUSES INDICATORS IN MARINE COASTAL ENVIRONMENTS	85:			92:
	86:			93:
	87:			94:
	88:			95:

WHO ITA- 84-C M. V. TORREGROSSA	82:			89:EXT
ISTITUTO DI IGIENE, UNIVERSITA DI PALERMO, PALERMO	83:			90:EXT
	UPLII 84:			91:
BACTERIAL AND CHEMICAL INDICATORS OF COASTAL WATERS POLLUTION OF HUMAN ORIGIN	85:			92:
	86:			93:
	87:	4000		94:
	88:	4000		95:

WHO ITA-109-C L. VOLTERRA	82:			89:EXT
ISTITUTO SUPERIORE DI SANITA, ROMA	83:			90:EXT
	ISUPR 84:			91:
HYGIENIC QUALITY OF SCRAPER-FEEDERS MOLLUSCS	85:			92:
	86:			93:
	87:			94:
	88:	2500		95:

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M A P

WHO ITA- 50-D A. SALLEO	82:	89:EXT
ISTITUTO DI FIOLOGIA GENERALE, UNIVERSITA DI MESSINA, MESSINA	83:	90:EXT
	UMSFG 84:	91:
DISCHARGE MECHANISMS OF THE NEMATOCYSTS OF PELAGIA NOCTILUC. COMPARATIVE AND TOXICOLOGICAL ASPECTS	85:	92:
	86:	93:
	87: 2000	94:
	88: 2000	95:
WHO ITA- 82-D A. CARLI	82:	89:EXT
ISTITUTO DI SCIENZE AMBIENTALI MARINE, UNIVERSITA DI GENOVA, GENOVA	83:	90:EXT
	UGEAM 84:	91:
ECOLOGICAL AND MEDICAL ASPECTS OF JELLYFISH	85:	92:
	86:	93:
	87: 2000	94:
	88: 2500	95:
WHO ITA-107-D V. MARIN	82:	89:EXT
INSTITUTE OF HYGIENE, UNIVERSITY OF PADOVA, PADOVA	83:	90:EXT
	UPDIH 84:	91:
STUDIES ON THE WATER QUALITY OF THE NORTH ADRIATIC SEA AND ITS EFFECT ON PUBLIC HEALTH	85:	92:
	86:	93:
	87:	94:
	88: 4000	95:
WHO ITA-114-D B. PACCAGNELLA	82:	89:EXT
DEPARTMENT OF PEDIATRICS, UNIVERSITY OF PADUA, PADUA	83:	90:EXT
	UPADP 84:	91:
HEALTH EFFECTS OF FOETAL AND NEONATAL EXPOSURE TO METHYLMERCURY VIA BREAST-FEEDING	85:	92:
	86:	93:
	87:	94:
	88: 6000	95:
WHO ITA-115-D G. MORETTI	82:	89:EXT
INSTITUTE OF HYGIENE, UNIVERSITY OF PADOVA, PADOVA	83:	90:EXT
	UPAIH 84:	91:
STUDY ON THE MERCURY, METHYLMERCURY AND SELENIUM LEVELS IN THE NORTH-EAST ITALIAN COASTAL POPULATIONS	85:	92:
	86:	93:
	87:	94:
	88: 6000	95:
WHO ITA-122-D B. PACCAGNELLA	82:	89: 5000
DEPARTMENT OF PEDIATRICS, UNIVERSITY OF PADUA, PADUA	83:	90:EXT
	UPADP 84:	91:
EPIDEMIOLOGICAL STUDIES ON CADMIUM AND OTHER HEAVY METALS (PB, CR, NI, ZN, SN) IN FISH AND HUMAN HEALTH IN THE MEDITERRANEAN AREA	85:	92:
	86:	93:
	87:	94:
	88:	95:
WHO ITA-124-D A. RENZONI	82:	89: 4000
DIPARTIMENTO DI BIOLOGIA AMBIENTALE, UNIVERSITA DI SIENA, SIENA	83:	90:EXT
	USIBA 84:	91:
EVALUATION OF GENOTOXICITY OF METHYL-MERCURY BY EXAMINATION OF SISTER CHROMATID EXCHANGES IN FISHERMEN AT RISK IN THE TYRRHENIAN SEA	85:	92:
	86:	93:
	87:	94:
	88:	95:
WHO ITA-125-D R. DELLA LOGGIA	82:	89: 3000
ISTITUTO DI FARMACOLOGIA E FARMACOGNOSIA, UNIVERSITA DI TRIESTE, TRIESTE	83:	90:EXT
	UTRFF 84:	91:
THE CUTANEOUS TOXICITY OF BLOOMS IN RELATION TO THEIR HEALTH HAZARD	85:	92:
	86:	93:
	87:	94:
	88:	95:

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			M A P	
WHO	ITA- 88-E G. A. ZAPPONI		82:	89:EXT
	ISTITUTO SUPERIORE DI SANITA, ROMA		83:	90:EXT
		ISUPR	84:	91:
	THE HEALTH COMPONENT OF ENVIRONMENTAL IMPACT ASSESSMENT - EIA OF SELECTED PROJECTS AND DEVELOPMENTS IN THE MEDITERRANEAN COASTAL AREAS		85:	92:
			86:	93:
			87: 5000	94:
			88:NIL	95:
WHO	ITA- 79-G G. ANGIONI/C. AND RALLO		82:	89:NIL
	FACOLTA DI MEDICINA, UNIVERSITA DI ROMA, ROMA		83:	90:EXT
		UROFM	84:	91:
	CORRELATION BETWEEN MARINE POLLUTANTS AND DEGENERATIVE DISEASE		85:	92:
			86: 3000	93:
			87: 3000	94:
			88: 3000	95:
WHO	ITA-113-G G. PAGANO		82:	89: 3000
	ISTITUTO NAZIONALE TUMORI, NAPOLI		83:	90:EXT
		INTNA	84:	91:
	IDENTIFICATION AND BIOLOGICAL MONITORING OF SUB-LETHAL RISK FACTORS IN WATER AND SEDIMENTS OF TWO RIVERS IN CAMPANIA REGION, ITALY		85:	92:
			86:	93:
			87:	94:
			88: 3500	95:
WHO	ITA-116-G C. BOLOGNESI		82:	89:EXT
	NATIONAL INSTITUTE FOR CANCER RESEARCH - IST, GENOVA		83:	90:EXT
		ICRGE	84:	91:
	INVESTIGATION ON TOPOGRAPHICAL DISTRIBUTION OF FISH TUMORS AS INDICATORS OF ENVIRONMENTAL PATHOLOGY		85:	92:
			86:	93:
			87:	94:
			88: 3500	95:
WHO	ITA-127-G G. MELLUSO		82:	89: 3000
	UNIVERSITY OF NAPLES, CATTEDRA DI IGIENE		83:	90:EXT
		UNCIG	84:	91:
	CHEMICAL AND MICROBIOLOGICAL EVALUATION OF POLLUTION IN WATER AND SEDIMENTS OF TWO RIVERS IN CAMPANIA REGION, ITALY		85:	92:
			86:	93:
			87:	94:
			88:	95:
WHO	LIB- 1-A A. F. BOARGOB		82:	89:EXT
	ENVIRONMENTAL PROTECTION PROGRAMME, SECRETARIAT OF SCIENTIFIC RESEARCH, TRIPOLI		83:	90:EXT
		EPPT	84:	91:
	ASSESSMENT OF MICROBIOLOGICAL POLLUTION IN BATHING SEAWATER IN TRIPOLI		85:	92:
			86: 3000	93:
			87:NIL	94:
			88:NIL	95:
WHO	LIB- 3-E S. OMAR TUMI		82:	89:NIL
	PETROLEUM RESEARCH CENTRE, TRIPOLI		83:	90:EXT
		PRCTR	84:	91:
	ASSESSMENT OF WASTE OIL IN SOCIALIST PEOPLE'S LIBYAN ARAB JAMAHIRIYA		85:	92:
			86: 4000	93:
			87: 3000	94:
			88: 4000	95:
WHO	MOR- 4-C A. BELEMLIH		82:	89:EXT
	INSTITUT AGRONOMIQUE ET VETERINAIRE, HASSAN II, RABAT		83:	90:EXT
		IAVRA	84:	91:
	BILAN DES POLLUTIONS MICROBIENNES DES EAUX ET COQUILLAGES EN PARALLELE AVEC L'EUTROPHISATION ET LES FLORAISONS DU PLANCTON		85:	92:
			86:	93:
			87: 3000	94:
			88: 3000	95:

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M A P

WHO SPA- 25-D M. G. MARINO	82:	89: NIL
ESCUELA NACIONAL DE SANIDAD, CIUDAD UNIVERSITARIA, MADRID	83:	90: EXT
	ENSMA 84:	91:
ASSESSMENT OF SANITARY RISKS ASSOCIATED WITH TBT'S IN THE MARINE ENVIRONMENT	85:	92:
	86:	93:
	87: 4000	94:
	88: 4000	95:
WHO SPA- 26-D P. ROMERO RAYA/J.J. BORREGO GARCIA	82:	89: 3000
FACULTAD DE CIENCIA, DEPT. OF MICROBIOLOGY, UNIVERSITY OF MALAGA, MALAGA	83:	90: EXT
	UMGDM 84:	91:
EPIDEMIOLOGICAL STUDY ON BATHER FROM SEVERAL BEACHES IN MALAGA (SPAIN), ITA	85:	92:
RELATIONSHIP TO THE DETECTION AND ENUMERATION OF PATHOGENIC MICROORGANISMS	86:	93:
	87:	94:
	88: 5000	95:
WHO SPA- 22-K J. IZQUIERDO	82:	89: NIL
LABORATORIO MUNICIPAL, BARCELONA	83:	90: EXT
	LMBAR 84:	91:
ESTUDIO DE LA ACUMULACION Y SUPERVIVENCIA DE ELEMENTOS PATOGENOS (BACTERIAS Y	85:	92:
ENTEROVIRUS) Y ELEMENTOS TOXICOS (METALES PESADOS) DE ORGANISMOS FILTRADORES	86:	93:
EN AGUA DE MAR	87:	94:
	88: 3000	95:
WHO SPA- 30-K A. BOSCH NAVARRO	82:	89: 3000
FACULTAD DE BIOLOGIA, UNIVERSIDAD DE BARCELONA, BARCELONA	83:	90: EXT
	UBAFP 84:	91:
THE SURVIVAL OF HUMAN ENTERIC VIRUSES IN SEAWATER	85:	92:
	86:	93:
	87:	94:
	88:	95:
WHO SPA- 31-K J. L. ALONSO MOLINA	82:	89: 3000
INSTITUTE OF HYDROLOGY AND ENVIRONMENT, POLYTECHNICAL UNIVERSITY, VALENCIA	83:	90: EXT
	UVAIH 84:	91:
CONTROL OF NEW INTESTINAL PATHOGENS: CAMPYLOBACTER AND MOTILE AEROMONAS FROM	85:	92:
MARINE RECREATIONAL WATERS OF VALENCIA (SPAIN)	86:	93:
	87:	94:
	88:	95:
WHO TUR- 15-C G. TUNCEL	82:	89: EXT
MIDDLE EAST TECHNICAL UNIVERSITY, ANKARA	83:	90: EXT
	UMETA 84:	91:
FORMULATION OF SCIENTIFIC RATIONALE FOR EMISSION STANDARDS OF SELECTED	85:	92:
POLLUTANTS	86: 4000	93:
	87: 3500	94:
	88: NIL	95:
WHO TUR- 18-D G. KOCASOY	82:	89: NIL
BOGAZICI UNIVERSITY, FACULTY OF ENGINEERING, POLL. CONTROL RESEARCH GROUP, ISTANBUL	83:	90: EXT
	UBOEP 84:	91:
EFFECT OF TOURISM ON COASTAL POLLUTION	85:	92:
	86:	93:
	87: 3500	94:
	88: 3000	95:
WHO TUR- 19-E K. CURI	82:	89: EXT
BOGAZICI UNIVERSITY, FACULTY OF ENGINEERING, POLL. CONTROL RESEARCH GROUP, ISTANBUL	83:	90: EXT
	UBOEP 84:	91:
COASTAL POLLUTION DUE TO SOLID WASTES AND ITS CONTROL BY PROPER DISPOSAL,	85:	92:
RECYCLING AND REUSE	86:	93:
	87: 3500	94:
	88: NIL	95:

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M A P

WHO YUG- 91-A V. PRESECKI	82:	89: 3500
INSTITUTE OF PUBLIC HEALTH OF SR CROATIA, ZAGREB	83:	90:EXT
	IPHZA 84:	91:
LABORATORY PROCEDURES FOR ENTEROVIRUSES, ROTA VIRUS AND HEPATITIS A VIRUS	85:	92:
PRESENCE DETERMINATION IN SEAWATER, SEDIMENT AND SHELFISH (MUSSEL)	86:	93:
	87:	94:
	88:	95:

WHO YUG- 63-C V. PRAVDIC	82:	89:NIL
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:EXT
	CMRZA 84:	91:
DEVELOPMENT OF MODELS FOR CALCULATION OF ENVIRONMENTAL CAPACITY OF SEAWATER IN	85:	92:
THE MEDITERRANEAN	86: 3500	93:
	87: 3000	94:
	88: 3000	95:

WHO YUG- 71-G R. BATEL	82:	89:EXT
CENTRE FOR MARINE RESEARCH, RUDJER BOSKOVIĆ INSTITUTE, ROVINJ	83:	90:EXT
	CMRRO 84:	91:
GENOTOXIC RISK ASSESSMENT IN THE MARINE ENVIRONMENT USING INVERTEBRATES AS	85:	92:
INDICATOR ORGANISMS -	86:	93:
	87: 3000	94:
	88: 3000	95:

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WMO

M A P

WMO FRA- 15-L J. MORELLI	82:	89:NIL
ECOLE NORAHLE SUPERIEURE, PARIS	83:	90:EXT
	ENSUP 84:	91:
CONTRIBUTION A L'ETUDE DU CYCLE DE METAUX POTENTIELLEMENT TOXIQUES DANS	85:	92:
L'ENVIRONNEMENT ATMOSPHERIQUE MEDITERRANEEN. ORIGINES ET EVALUATION DE L'APPORT	86:NIL	93:
AU MILIEU MARIN	87: 1000	94:
	88: 3000	95:
WMO FRA- 32-L P. BUAT-MENARD	82:	89:NIL
CENTRE DES FAIBLES RADIOACTIVITES, LABORATOIRE DU CNRS, GIF-SUR-YVETTE	83:	90:EXT
	CNRSG 84:	91:
DYNAMIQUE DU TRANSPORT ET DE LA RETOMBEE ATMOSPHERIQUEDES POLLUANTS METALLIQUES	85:	92:
(CD, PB, ZN, CU) EN MER LIGURE: REPONSE DE LA COLONNE D'EAU AUX PERTURBATIONS	86:NIL	93:
INDUITES	87: 3000	94:
	88: 4000	95:
WMO ISR- 21-L Y. MAHRER	82:	89:NIL
FACULTY OF AGRICULTURE, HEBREW UNIVERSITY OF JERUSALEM	83:	90:EXT
	UHBFA 84:	91:
THREE DIMENSIONAL MODELLING OF THE EFFECTS OF SEA AND LAND BREEZES ON POLLUTION	85:	92:
TRANSPORT IN THE EASTERN MEDITERRANEAN SEA	86:	93:
	87: 3000	94:
	88:NIL	95:
WMO ISR- 22-L E. WAKSHAL	82:	89:NIL
HEBREW UNIVERSITY OF JERUSALEM	83:	90:EXT
	UHBRE 84:	91:
CHEMICAL COMPOSITION OF MAJOR ELEMENTS AND CADMIUM CONTENT OF RAINWATER AND	85:	92:
SUSPENDED PARTICULATE MATTER ALONG THE CENTRAL COASTAL PLAIN OF ISRAEL	86:	93:
	87: 4500	94:
	88: 3500	95:
WMO ISR- 35-L U. DAYAN	82:	89: 4000
NOAA-ERL-AIR RESOURCES LABORATORY, SILVER SPRING, MD, USA	83:	90:EXT
	NEARL 84:	91:
AEROSOL REMOTE SENSING OVER THE MEDITERRANEAN BASIN FROM THE NOAA SATELLITES	85:	92:
	86:	93:
	87:	94:
	88:	95:
WMO ITA- 60-L A. PALUMBO	82:	89:NIL
OSSERVATORIO METEOROLOGICO, UNIVERSITA DI NAPOLI, NAPOLI	83:	90:COM
	UNAOM 84:	91:
ATMOSPHERIC SOURCES OF OCEANIC POLLUTION	85:	92:
	86:	93:
	87: 2000	94:
	88:NIL	95:
WMO ITA- 63-L S. GUERZONI	82:	89:NIL
ISTITUTO DI GEOLOGIA MARINA, CNR, BOLOGNA	83:	90:EXT
	CNRBO 84:	91:
RIVERINE AND ATMOSPHERIC TRANSPORT OF DUSTS AND CONTAMINANTS INTO THE	85:	92:
MEDITERRANEAN REGION	86:NIL	93:
	87: 3500	94:
	88: 3000	95:
WMO MOR- 3-L M. NEJJAR	82:	89: 5000
ECOLE MOHAMMADIA D'INGENIEURS, RABAT	83:	90:EXT
	EMIRA 84:	91:
CONTRIBUTION A L'ETUDE DES MECANISMES DE TRANSFERTS DES POLLUANTS AUX POINTS DE	85:	92:
CONTACT ENTRE LES COURS D'EAU ET LA MER ET A L'INTERFACE AIR/MER	86:	93:
	87: 1500	94:
	88:NIL	95:

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M A P		

WMO SPA- 8-L A. CRUZADO	82:	89:NIL
CENTRO DE ESTUDIOS AVANZADOS DE BLANES, GIRONA	83:	90:EXT
	CEABL 84:	91:
STUDY OF LONG AND MEDIUM RANGE ATMOSPHERIC POLLUTANT TRANSPORT INTO THE NORTH	85: 5000	92:
WEST MEDITERRANEAN SEA	86:NIL	93:
	87:NIL	94:
	88: 3000	95:

WMO YUG- 29-L Z. I. JANJIC	82:	89:NIL
FEDERAL HYDROMETEOROLOGICAL INSTITUTE, BELGRADE	83:	90:EXT
	FHIBL 84:	91:
DEFINITION OF SYNOPTIC SCALE DRIVING PARAMETERS FOR A MODEL OF ATMOSPHERIC	85:	92:
POLLUTION TRANSPORT TOWARDS AND INTO THE MEDITERRANEAN SEA	86:	93:
	87:	94:
	88: 8500	95:

WMO YUG- 73-L L. KLASINC	82:	89: 5000
PHYSICAL CHEMISTRY DEPARTMENT, RUĐJER BOSKOVIC INSTITUTE, ZAGREB	83:	90:EXT
	IRBPC 84:	91:
PHOTOCHEMICAL OXIDANTS IN THE TROPOSPHERE - SIGNIFICANCE OF LAND TO SEA	85:	92:
TRANSPORT IN THE MEDITERRANEAN	86:	93:
	87: 3500	94:
	88:NIL	95:

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Annex IX

Guideline for the preparation of progress report
for 1990 Committees' meeting

A. Monitoring of Marine Pollution in the Mediterranean

- 1) National Monitoring Programmes
(Describe your involvement in the design and formulation of monitoring programmes and in the purchase of equipment in 1989 and plans for 1990)
- 2) Data Quality Assurance Programme
(Describe the programme implemented in the various countries in 1989 and being carried out in 1990)
- 3) Intercalibration
(Describe the activities implemented in 1989 and being carried out in 1990, including the list of the participating Institutes)
- 4) Maintenance
(as for 3) plus attach the full list of visits made in 1989 and being carried out in 1990)
- 5) MED POL data processing
(In addition to a paragraph by UNEP, include the list of reference methods prepared in 1989 and those planned for 1990)
- 6) Research and study topics
(Cover only activities A, F, H, I, J, K and L as follows:
 - a) Projects completed in 1989: (number)
 - b) Projects ongoing in 1989: (number)
 - c) Total 1989 contribution: US\$.....
 - d) Paragraph on subjects dealt with, related meetings held in 1989 and planned for 1990)
- 7) Climatic changes
(by UNEP)
- 8) Training and fellowships
(in addition to a paragraph by UNEP, Intercalibration and Data Quality Assurance training courses held in 1989 and planned for 1990 should be covered with description of subject dealt with and number of participants from how many countries).

9) Coordination

(by UNEP)

10) Plankton blooms and eutrophication

(by UNEP)

B. Implementation of LBS protocol

1) Implementation of protocol

(by UNEP)

2) Implementation of LBS workplan activities

(all activities from the workplan carried out in 1989 or being implemented in 1990 should be described including the preparation of pollution assessment documents (Organophosphorus compounds, litter, Radioactive substances, pathogens, carcinogenic and mutagenic substances and item 1/annex II substances).

3) Pilot monitoring surveys

(The activities related to the 1989 ongoing pilot projects should be described as well as the ones planned for 1990; in particular, pilot projects on organophosphorus substances, organotin substances, litter, carcinogenic and mutagenic substances, pesticides and fungicides, item 1/annex II substances and detergents).

4) Research and study topics

(Cover only activities B, C, D, E and G as indicated under A.6 above).

ANNEX X

PARAMETERS FOR THE MED POL MONITORING PROGRAMME
(as approved by the Contracting Parties)
AND STATUS OF RELATED REFERENCE METHODS

PARAMETERS

	<u>Ref.</u> <u>Method</u>	<u>Resp.</u> <u>Org.</u>	<u>Target</u> <u>Date*</u>
A. EFFLUENTS			
<u>CATEGORY I</u>			
Total mercury	NA	WHO	Dec. 90
Total cadmium	NA	WHO	Dec. 90
Total suspended solids	NA	WHO	Dec. 90
Total phosphorus	NA	IAEA	Dec. 90
Total nitrogen	NA	IAEA	Dec. 90
Faecal coliforms	NA	WHO	Dec. 90
BOD/COD	NA	IAEA	Dec. 90
HMW HH	NA	IAEA	Dec. 91
<u>CATEGORY II</u>			
Petroleum hydrocarbons	NA	IAEA	Dec. 91
Detergents	NA	WHO/IAEA	Dec. 91
Phenols	NA	WHO/IAEA	Dec. 91
Total chromium	NA	WHO	Dec. 90
Selected radionuclides	NA	IAEA	Dec. 90
B. COASTAL WATERS AND REFERENCE AREAS			
<u>CATEGORY I</u>			
Total mercury in organisms	8	FAO/IOC/IAEA	
Total mercury in sediments	26	IAEA	
Organic mercury in organisms	13	FAO/IAEA	
Cadmium in organisms	11	FAO/IOC/IAEA	
Cadmium in sediments	27	IAEA	
HMW HH in organisms	14,40	FAO/IOC/IAEA	
HMW HH in sediments	17	IAEA	
Faecal coliforms in recreational waters and bivalves	3,5,22	WHO	

NA = Not Available

* = Subject to availability of funds

	<u>Ref. Method</u>	<u>Resp. Org.</u>	<u>Target Date*</u>
<u>CATEGORY II</u>			
Basic oceanographic parameters	48	IOC/IAEA	
Basic meteorological parameters	49	IOC/IAEA	
Floating tar balls	NA	IAEA/IOC	Dec. 90
Tar balls on beaches	15	IOC/IAEA	
Total arsenic in organisms	9	FAO/IAEA	
Radionuclides in organisms	NA	IAEA	?
Pathogenic microorganisms ¹⁾	28,29,30	WHO/IAEA	
Other Pathogenic organisms	NA	WHO	?
PAH's in organisms	NA	IAEA	?

C. ESTUARIES

CATEGORY I

Total mercury in organisms	8	FAO/IOC/IAEA	
Total mercury in sediments	26	IAEA	
Organic mercury in organisms	13	FAO/IAEA	
Total cadmium in organisms	11	FAO/IOC/IAEA	
Total cadmium in sediments	27	IAEA	
HMW HH in organisms	14,40	FAO/IOC/IAEA	
HMW HH in sediments	17	IAEA	
Faecal coliforms in water and bivalves	3,5,22	WHO	
Total phosphorus in water	NA	IAEA	Dec. 90
Total phosphorus in suspended matter	52	WHO/IAEA	
Total nitrogen in water	NA	IAEA	Dec. 90
Total nitrogen in suspended matter	53	WHO/IAEA	
Total suspended matter	NA	IAEA/IOC	Dec. 90
COD	6	FAO/IAEA	
Basic oceanographical parameters	48	IOC/IAEA	
Basic meteorological parameters	49	IOC/IAEA	

CATEGORY II

Radionuclides in organisms	NA	IAEA	?
PAH's in organisms	NA	IAEA	?
Phenols in water	NA	IAEA	Dec. 91

NA = Not Available

¹⁾ = Salmonella, Pseudomonas, Staphylococcus

* = Subject to availability of funds

	<u>Ref. Method</u>	<u>Resp. Org.</u>	<u>Target Date*</u>
D. AIRBORNE			
<u>I. PRECIPITATION</u>			
Ph, Conductivity, Acidity, Alkalinity, SO ₄ ^{2--S} , NH ₄ ⁺ , NO ₃ ^{--N} , Na, K, Mg, Ca, Cl	24(a)	WMO/IAEA	Dec. 90(c)
Cd, Pb, Cu, Zn	24(a), 42	WMO/IAEA	
Radionuclides	?	IAEA	?
Organic compounds	?	IAEA/WMO	?
Precipitation amount	24	WMO/IAEA	
<u>II. PARTICLES</u>			
SO ₄ ^{2--S} , Na, Al	24(a)	WMO/IAEA	Dec. 90(c)
Cd, Pb, Cu, Zn	24, 42	WMO/IAEA	
Radionuclides	?	IAEA	?
Organic compounds	?	IAEA/WMO	?
Total SPM	24	IAEA/WMO	
Air volume	24	WMO/IAEA	
<u>III. GAS</u>			
O ₃ (b)	?	WMO	Dec. 90
<u>IV. METEOROLOGICAL PARAMETERS</u>			
Wind speed, Wind direction, Air temperature, Sea surface temperature, Dew point, Relative humidity, Barometric pressure	49(draft)	IOC/WMO/IAEA	

(a) Sampling only

(b) At impact stations

(c) Analysis only

* = Subject to availability of funds