

UNITED NATIONS ENVIRONMENT PROGRAMME
MEDITERRANEAN ACTION PLAN
PRIORITY ACTIONS PROGRAMME



AQUACULTURE

DIRECTORY OF INSTITUTIONS AND
EXPERTS IN THE MEDITERRANEAN REGION

AQUACULTURE

RÉPERTOIRE DES INSTITUTIONS ET
EXPERTS DANS LA RÉGION MÉDITERRANÉENNE



PRIORITY ACTIONS PROGRAMME REGIONAL ACTIVITY CENTRE

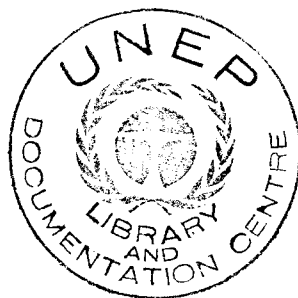
**UNITED NATIONS ENVIRONMENT PROGRAMME
MEDITERRANEAN ACTION PLAN
PRIORITY ACTIONS PROGRAMME**

A Q U A C U L T U R E

**DIRECTORY OF INSTITUTIONS AND
EXPERTS IN THE MEDITERRANEAN REGION**

A Q U A C U L T U R E

**REPertoire DES INSTITUTIONS ET
EXPERTS DANS LA REGION MEDITERRANEEN**



**PRIORITY ACTIONS PROGRAMME REGIONAL ACTIVITY CENTRE
SPLIT, 1983**

NOTE

This Directory has been prepared by the Regional Activity Centre for the Priority Actions Programme in co-operation with the PAP National Focal Points and the Regional Activity Centre for the Blue Plan, and with the assistance of the Regional Seas Programme Activity Centre and the Co-ordinating Unit for the Mediterranean Action Plan.

NOTE

Ce répertoire a été préparé par le Centre d'activités régional pour le Programme d'actions prioritaires en coopération avec les Points Focaux Nationaux et le Centre d'activités régional du Plan Bleu, et avec l'aide du Centre d'activité du Programme du PNUE pour les mers régionales et de l'Unité de Coordination du Plan d'action pour la Méditerranée.

FOREWORD

In order to reduce and control pollution and environmental degradation of the Mediterranean Region, and harmonize its socio-economic development with the needs of environmental protection and enhancement, Mediterranean Governments adopted in 1975 a comprehensive Action Plan for the Protection and development of the Mediterranean Region.

One of the important elements of the Mediterranean Action Plan is the Priority Actions Programme (PAP) which focuses on the application of existing sound environmental practices in six selected priority areas namely protection of soils, management of water resources, marine living resources and aquaculture, development of renewable sources of energy, human settlements and tourism. In each of these fields, the PAP aims to enable interested countries of the Region to use the experiences gained and results obtained within completed or on-going national, bilateral and multilateral projects. Such a co-operation requires, among other things, the establishment of a reliable information system. To meet this requirement, the preparation of Directories of Mediterranean National Institutions and Experts concerned as well as compendium of projects relevant to the six PAP fields has been initiated.

Information contained in this Directory of Institutions and Experts in the Field of Aquaculture has been compiled through Mediterranean National Focal Points, institutions and experts, fact finding missions and through correspondence by the PAP Regional Activity Centre (PAP/RAC).

The editors apologize in advance for possible errors and omissions and do not claim that the Directory includes all concerned institutions and experts. The present Directory includes information that was made available to the PAP/RAC by 15 October 1983. It is intended to complete and up-date this information in subsequent editions.

We hope this Directory will be found useful in assisting Mediterranean countries in identifying institutions and experts needed for the environmentally sound development of the Mediterranean Region.



Aldo Manos
Co-ordinator
Mediterranean Action Plan



Berislav Kalogjera
Director
Priority Actions Programme
Regional Activity Centre
Mediterranean Action Plan

AVANT-PROPOS

Afin de réduire et de contrôler la pollution et la dégradation de l'environnement dans la région méditerranéenne et de pouvoir concilier son développement socio-économique avec la nécessité d'une protection et d'une amélioration de l'environnement, un Plan d'action pour la protection et le développement de la région méditerranéenne a été adopté en 1975 par les gouvernements méditerranéens.

Un des éléments majeurs du Plan d'action pour la Méditerranée est le Programme d'actions prioritaires (PAP) qui a pour objet l'application des pratiques appropriées de gestion de l'environnement dans six domaines prioritaires sélectionnés, à savoir la protection des sols, la gestion des eaux, les ressources biologiques de la mer et aquaculture, le développement des sources d'énergie renouvelables, les établissements humains et le tourisme. Dans chacun de ces secteurs, le PAP a pour objectif de permettre aux Etats côtiers de la Méditerranée intéressés, l'application de l'expérience et des résultats obtenus par les projets nationaux, bilatéraux et multilatéraux achevés ou en cours. Cette coopération demande, entre autres, l'élaboration d'un système d'information crédible. Pour répondre à ce besoin, la préparation de répertoires d'institutions nationales méditerranéennes et d'experts concernés ainsi qu'un compendium des projets relatifs aux six domaines du PAP a été entamée.

Les renseignements contenus dans ce répertoire des institutions et experts dans le domaine de l'aquaculture ont été fournis par les Points focaux nationaux méditerranéens, les institutions et les experts, les missions d'enquête et par la correspondance du Centre d'activités régionales pour le programme d'actions prioritaires (CAR/PAP).

Les éditeurs savent que le répertoire contient peut-être des erreurs et des omissions; on voudra bien les en excuser. Ils ne prétendent pas non plus avoir répertorié toutes les institutions et experts concernés. Ce répertoire contient tous les renseignements dont le CAR/PAP disposait à la date du 15 octobre 1983. C'est de leur intention de compléter et mettre à jour ces renseignements dans les éditions à venir.

Nous espérons que ce répertoire aidera les Etats côtiers méditerranéens à identifier les institutions et experts pour réaliser un développement en harmonie avec l'environnement de la région méditerranéenne.

Aldo Manos

Aldo Manos
Coordonnateur
Plan d'action pour la
Méditerranée

Berislav Kalogjera

Berislav Kalogjera
Directeur
Centre d'activités régionales
Programme d'actions prioritaires
Plan d'action pour la Méditerranée

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ALGERIA
ALGERIE

1. NOM DE L'INSTITUTION
مركز الدراسات والبحوث التطبيقية والتوثيق للصيد وتربية الأحياء المائية
Centre d'Etude, de Recherche appliquée et de Documentation
pour la Pêche et l'Aquaculture
2. ADRESSE POSTALE

Centre d'Etude, de Recherche appliquée et
de Documentation pour la Pêche et l'Aquaculture
Bd Colonel Amirouche
Bou Ismail
Algérie

Téléphone: 46 05 35
3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

N. Hamidi, Directeur
4. TYPE D'INSTITUTION

Gouvernementale
5. STRUCTURE ET ORGNISATION DE L'INSTITUTION

Division en départements
6. BREF HISTORIQUE DE L'INSTITUTION

Crée en 1980 (C.E.R.P.)
7. CHAMP D'ACTIVITE

Pêche et Aquaculture
8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

a) Personnel scientifique: 15
b) Professionnels -
c) Autres employés -

9. EQUIPEMENT PRINCIPAL

8 laboratoires
2 aquariums

10. AUTRES MOYENS DE L'INSTITUTION

Navires de recherche

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Inventaire et points d'eau
Recensement des points d'eau
Application des techniques de reproduction artificielle

12. PROJETS ACTUELS ET LEUR RESPONSABLES

Cupri-culture avec association de canard

13. BIBLIOTHEQUE

En cours d'équipement

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

Aucun

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Aucun

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Aucune

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE DE "FORMATION SUR LE TAS"

Aucun renseignement

1. NOM DE L'INSTITUTION

مركز البحث علم البحار والصيد

2. ADRESSE POSTALE

Centre de Recherches Océanographiques et des Pêches
Amirauté
Jetée Nord
B.P. 90
Alger-Bourse
Algérie

Téléphone: 627319, 626659

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

Rachid Semroud, Directeur

4. TYPE D'INSTITUTION

Gouvernementale

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

- 1 service administration et moyens généraux,
- 1 service documentation (reproduction),
- 1 laboratoire de benthos,
- 1 laboratoire d'halieutique/crustacés,
- 1 laboratoire de production primaire,
- 1 laboratoire de sédimentologie marine,
- 1 laboratoire de pollution

6. BREF HISTORIQUE DE L'INSTITUTION

Fondé en 1882. Avant 1962 représentait la "Station Maritime" de l'Université d'Alger. De 1962 à 1974 nommé "Institut Océanographique" de l'Université d'Alger; puis depuis 1974 à ce jour Centre de Recherches Océanographiques et des Pêches.

7. CHAMP D'ACTIVITE DE L'INSTITUTION

Etude sur la production primaire et microbiologie des eaux; pêcheries (estimation des stocks); biologie des poissons (anchois, crevettes, sardines, soles, histologie, embryologie); effets des pollutions industrielles, urbaines, agricoles; sédimentologie marine; écologie marine en milieux saumâtres

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

a) Personnel scientifique: 20

9. EQUIPMENT PRINCIPAL

- 3 dragues
- 5 filets à plancton
- 1 carottier
- 1 chalut
- 30 bouteilles de prélèvement Niskin
- 1 disque de Secchi
- 1 courantomètre Ekman
- 1 courantomètre Aanderaa
- 1 benne Orange peel
- 2 bennes Van Veen
- 1 Beene Aberdem
- 1 transmissiomètre
- 1 chaime Technicon
- 1 spectrophotomètre à absorption atomique
- 1 chromatographe à phase gazeuse
- 2 pH mètres
- 2 salinomètres
- 1 oxymètre
- 3 loupes binoculaires
- 4 microscopes
- 1 microscope à renversement
- 5 étuves
- 2 chambres froides
- 2 centrifugeuses
- 1 micro-manipulateur
- 1 appareillage pour microphotographie
- 2 mini-ordinateurs HP
- 1 treuil portable
- 2 microtomes
- 1 coulter-counter
- divers matériels pour terrain
- bateau "Ibticem" et bateau "Palangrier Ostrea"

10. AUTRES MOYENS DE L'INSTITUTION

Néant

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Information non disponible

12. PROJETS ACTUELS ET LEUR RESPONSABLES

- Production primaire (A. Aid),
- Pollution (A. Aissi)
- Sédimentologie marine (D. Ait Kaci Ahmed)
- Benthos (A. Bakalem)
- Ecologie marine (R. Semroud)
- Halieutique (B. Belaid)
- Crustacés (M. Yahiaoui)
- Anchois/sardines (F. Djabali)

13. BIBLIOTHEQUE

a) Nombre de volumes:
2,200

b) Nombre de périodiques:
21

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

- "Pelagos", en français
(parution régulière)

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Le Centre prête son concours à un enseignement de post-graduation en océanographique à l'Université (USTHB)

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Aucune

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE DE "FORMATION SUR LE TAS"

Néant

1. NOM DE L'INSTITUTION

Unité Aquacole ENAPECHES

2. ADRESSE POSTALE

Unité Aquacole ENAPECHES
BP 39 EL-KALA
Algérie

Téléphone: 86 03 91
86 03 93

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

Baba-Ahmed Rafik, Directeur

4. TYPE D'INSTITUTION

Projet de développement

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

Unité de recherche

6. BREF HISTORIQUE DE L'INSTITUTION

1979: Projet Lacs O.A.P.
1982: Unité Aquacole ENAPECHES

7. CHAMP D'ACTIVITE DE L'INSTITUTION

Lacs de la région Est du Territoire algérien

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

a) Personnel scientifique : 4
b) Professionnels : 2
c) Autres employés : 35

9. EQUIPEMENT PRINCIPAL

Pêche sur le lac avec canots et filet Trémaills
Pêche avec Bordigue
Elevage de moules

10. AUTRES MOYENS DE L'INSTITUTION

Laboratoire

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Néant

12. PROJETS ACTUELS ET LEUR RESPONSABLES

Projet National de Développement de l'Aquaculture (SEPTM)

13. BIBLIOTHEQUE

a) Nombre de volumes: 100 b) Nombre de périodiques: 25

14. REVUES OU AUTRES PERIDIQUES PUBLIES PAR L' INSTITUTION

Néant

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Néant

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Accueil possible pour 8 personnes

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE DE "FORMATION SUR LE TAS"

Aucun renseignement

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

AHRIZ Abdelhamid

2. AGE

33

3. ADRESSE

Entreprise Nationale des Pêches
Unité Aquacole
B.P. 39 El Kala, Algérie

4. QUALIFICATION

Licence : 1977

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe
b) autres langues : français

6. CHAMP D'ACTIVITE

Lacs de la région d'El Kala

7. FONCTIONS (POSTE ACTUEL)

Cadre technique - Entreprise Nationale des Pêches

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

Information non reçue

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Information non reçue

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

BABA-AHMED Rafik

2. AGE

30

3. ADRESSE

Entreprise Nationale des Pêches - Unité Aquacole
B.P. 39, El Kala (Algérie)

4. QUALIFICATION

Licence : 1979

5. CONNAISSANCE DES LANGUES

- a) langue maternelle: arabe
- b) autres langues : français

6. CHAMP D'ACTIVITE

Lacs de la région d'El Kala

7. FONCTIONS (POSTE ACTUEL)

- Assistant à l'Université (Oran)
- Entreprise Hydraulique d'Oran - Ingénieur
- Unité Aquacole - Cadre technique

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES SEPT DERNIERES ANNEES

Etude des ressources en eau de la vallée de la Zousfana

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Aucun

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DA FAMILLE, PRENOM, AUTRES PRENOMS

BENKHELIL Abderrahmane

2. AGE

32

3. ADRESSE

Entreprise Nationale des Pêches - Unité Aquacole
B.P. 39, El Kala, W. Annaba, Algérie

4. QUALIFICATION

Diplôme DES : 1978

5. CONNAISSANCE DES LANGUES

- a) langue maternelle: arabe
- b) autres langue : français, anglais

6. CHAMP D'ACTIVITE

Lacs de la région d'El Kala

7. FONCTIONS (POSTE ACTUEL)

Entreprise Nationale des Pêches - Cadre technique

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

Information non reçue

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Information non reçue

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

BOUAZIZ Chawgi

2. AGE

31

3. ADRESSE

Entreprise Nationale des Pêches
B.P. 39, El Kala, Algérie

4. QUALIFICATION

Dipl. post. grad. 1978

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe
b) autres langues : anglais, français

6. CHAMP D'ACTIVITE

Lacs de la région d'El Kala

7. FONCTIONS (POSTE ACTUEL)

Entreprise Nationale des Pêches

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

Aucun

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Aucun

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

HAMADA Mohamed Ridha

2. AGE

32

3. ADRESSE

Entreprise Nationale des Pêches
B.P. 39, El Kala, Algérie

4. QUALIFICATION

Diplôme: 1976

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe
b) autres langues : français

6. CHAMP D'ACTIVITE

Lacs de la région d'El Kala

7. FONCTIONS (POSTE ACTUEL)

ENAP - Cadre technique

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

Complexe de Sel El-Outaya - Logistique, Organisation

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Aucun

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

CYPRUS
CHYPRE

1. NAME OF THE INSTITUTION

Fisheries Department

2. POSTAL ADDRESS

Fisheries Department
Tagmatarchou Pouliou 5 & 7,
Nicosia
Cyprus

Telephone:
403279

Telex:

Telegram abbreviation:

3. NAME AND TITLE OF EXECUTIVE OFFICER

Mr. A. Demetropoulos, Head

4. TYPE OF INSTITUTION

Governmental

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

No information received

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1965

7. FIELD OF ACTIVITY OF THE INSTITUTION

Fishery and spongefishery development and management,
Aquaculture development and management,
Marine pollution combating,
Research and monitoring,
Resources research

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 12
- b) Professionals: 3
- c) Other employees: 44

9. CAPITAL EQUIPMENT

"Triton" research vessel,
3 patrol boats,
Gaschromatograph,
Atomic absorbtion spectro.,
Fluorescent spectrophotometer,
Other equipment for analytical work

10. OTHER FACILITIES OF THE INSTITUTION

Experimental station for freshwater fish culture

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

FAO/GFCM/UNEP projects: MED-I, II, III, V

12. CURRENT PROJECTS AND THEIR LEADERS

FAO/GFCM/UNEP projects: MED-I, II, III, V (phase II)

13. LIBRARY

No information received

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY THE INSTITUTION

Annual Report on the Development of Fisheries;
The Cyprus Fisheries Bulletin (issued occasionally),
available on exchange basis

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

None

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

None

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE
IN "ON THE JOB TRAINING"

No information received

EXPERTS

EGYPT
EGYPTE

INSTITUTIONS

1. NAME OF THE INSTITUTION

معهد علوم البحار والمصايد - فرع البحر المتوسط

2. POSTAL ADDRESS

Institute of Oceanography and Fisheries
Mediterranean Branch
Kayet-Bey
Alexandria
Egypt

Telephone:
801553, 801499, (Director) 801174

3. NAME AND TITLE OF EXECUTIVE OFFICER

Talaat M. Hashem, Acting Director

4. TYPE OF INSTITUTION

Part of the Institute of Oceanography and Fisheries
(headquarters in Cairo) and attached to the Academy of
Scientific Research and Technology

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

The Mediterranean Branch has eight research departments,
the administrative department, the workshop (all at
Alexandria) and three affiliated field research stations

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1931 as the Alexandria Institute of Hydrobiology
and Fisheries; in 1962 the name was changed to Oceanographic
and Fisheries Research Centre and in 1966 it was given its
present name

7. FIELD OF ACTIVITY OF THE INSTITUTION

Provision of the scientific base for fisheries in coastal lakes and coastal waters

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 100
- b) Professionals: 37
- c) Other employees: 38

9. CAPITAL EQUIPMENT

- spectrophometer (Beckman DU)
- colorimeter (Zeiss ELKD II)
- two other colorimeters
- equipment for electrophoresis
- salinometer
- flame photometer (Zeiss)
- pH meters
- research microscopes
- current meters
- two bathythermographs
- piston corer (Alpine)

10. OTHER FACILITIES OF THE INSTITUTION

- aquaria
- three research vessels
- several small boats on coastal lakes

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

- Productivity of Lake Manzalah and factors influencing it (K.Abdel-Hamid)
- Productivity of Lake Borullos (A.H. Shaheen)
- Population dynamics of fish caught by trawling (A.H.Shaheen),
- Sources of fish fry for breeding in inland fish farms (M.L. El-Hehyawy)
- Shrimp breeding in Lake Edku (M. El-Hawary)
- Effects of pollution on Lake Maryût (joint project with the Departments of Oceanography, Sanitary Engineering and High Institute of Public Health, Alexandria University (F. El-Sharkawy)

- Fisheries investigation of sardines and other pelagic fishes along the Egyptian Mediterranean coast from Rashid to El-Salloum (T. Hashem)

12. CURRENT PROJECTS AND THEIR LEADERS

The same as above

13. LIBRARY

a) Number of books:	b) Number of periodicals:
1,500	450

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY THE INSTITUTION

Between 1937 and 1963, 73 volumes of Notes and Memoires. Since 1963, 5 volumes of Bulletin of the Institute of Oceanography and Fisheries, two additional volumes in preparation (all published in English with abstracts in Arabic)

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Several training courses (3-4 weeks) in the field of hydro-biology, hydrography and fishery biology. Courses for participants from other Arabic countries arranged through Arab League.

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Two laboratories (biology and chemistry) available. No fees charged. No dormitory.

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN "ON THE JOB TRAINING"

Laboratory space available without charge

1. FAMILY NAME, FIRST NAME, OTHER NAMES

BADR Effat, Abd El-Latif, Badr

2. AGE

43

3. ADDRESS

Research Centre
University of Alexandria
Horreya Avenue
P.O.Box 832
Alexandria
Egypt

4. EDUCATION

B.Sc. in 1959
Ph.D. in 1963

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Arabic
b) Other languages: English, French

6. FIELD OF WORK

Genetic toxicology of environmental pollutants;
effects of environmental pollutants on the genetic
system and isozyme polymorphism on different organisms
including fish

7. EMPLOYMENT RECORD (THE LATEST POST)

Chairman, Molac.Biology, University of Alexandria
(since 1978)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Genetics, Cytogenetics and Environment (1978-1983)
- Genet. Cotton Leaf Worm (1982-)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

- Cytological Studies on Three Species of the Cichlid Fish, J. Genet. and Cytol., 6: 44-51, 1977
- Fixation and Staining of Tilapia tissues for Chromosome Examination, J. Genet. and Cytol., 6:172, 1977
- Effects of Water Pollution on the Cell Division Cycle and Chromosome Behaviour in Tilapia spp., J. Genet. and Cytol., 7:193-200, 1978
- Seasonal Fluctuations of Esterase 6 Allelic Frequencies of Drosophila melanogaster in an Area Heavily Sprayed with Insecticides, J. Genet. and Cytol. (in press)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

International Genetic. Tox. Workshop, Alexandria, 1982

1. FULL NAME, FIRST NAME, OTHER NAMES

KHALIL Abdel-Ghani, Nour Eldin

2. AGE

39

3. ADDRESS

Oceanography Department,
Faculty of Science,
Alexandria University,
Alexandria
Egypt

4. EDUCATION

B.Sc. in 1965
Ph.D. in 1974

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Arabic
b) Other languages: English, Russian, French

6. FIELD OF WORK

Biological Oceanography,
Marine Algae

7. EMPLOYMENT RECORD (THE LATEST POST)

Faculty of Science, Alexandria University (since June 1982)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

No information received

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- The Diatom Flora of a Eutrophic Bay: The Eastern Harbour of Alexandria, Acta Adriatica 21 (2), 271-298, 1980
- Phytochemical Studies on Marine Algae from Jeddah, the Red Sea, Bulletin of the Faculty of Science, K.A.U., Jeddah (in press)
- Preliminary Study of the Influence of Biogenic Clastics on the Beach Sands of Alexandria, Thalassia Jugoslavica 16 (1), 9-15, 1980
- Chemical Constituents of Some Algal Species from Abu-Quir Bay, Egypt, Bulletin of the Faculty of Marine Sciences, K.A.U., Jeddah (in press)
- Seasonal Variations of the Zooplankton Biomass in the Eastern Harbour of Alexandria, Rap. Comm. Int. Mer. Medit., 28, 1982

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

FRANCE
FRANCE

1. NOM DE L'INSTITUTION

Centre National pour l'Exploitation des Océans
Unité Régional Sud pour le Développement de l'Aquaculture
(URDA-Sud)

2. ADRESSE POSTALE

Centre National pour l'Exploitation des Océans
Unité Régional Sud pour le Développement de l'Aquaculture
(URDA-Sud)
B.P. 125
83501 La Seyne Cédex
France

Téléphone: (94) 941836 Télex: 400662

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

Pierre Rouzaud

4. TYPE D'INSTITUTION

Aucun renseignement

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

Aucun renseignement

6. BREF HISTORIQUE DE L'INSTITUTION

Aucun renseignement

7. CHAMP D'ACTIVITE DE L'INSTITUTION

Développement de l'aquaculture

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

Aucun renseignement

9. EQUIPMENT PRINCIPAL

Aucun renseignement

10. AUTRES MOYENS DE L'INSTITUTION

Aucun renseignement

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Aucun renseignement

12. PROJETS ACTUELS ET LEUR RESPONSABLES

Aucun renseignement

13. BIBLIOTHEQUE

Aucun renseignement

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

Aucun renseignement

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Aucun renseignement

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Aucun renseignement

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE DE "FORMATION SUR LE TAS"

Aucun renseignement

1. NOM DE L'INSTITUTION

Centre Océanologique de Bretagne

2. ADRESSE POSTALE

Centre Océanologique de Bretagne
B.P. 337
29273 Brest Cédex
France

Téléphone: (98) 458055

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

Aucun renseignement

4. TYPE D'INSTITUTION

Aucun renseignement

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

Aucun renseignement

6. BREF HISTORIQUE DE L'INSTITUTION

Aucun renseignement

7. CHAMP D'ACTIVITE DE L'INSTITUTION

Aucun renseignement

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

Aucun renseignement

9. EQUIPMENT PRINCIPAL

Aucun renseignement

10. AUTRES MOYENS DE L'INSTITUTION

Aucun renseignement

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Aucun renseignement

12. PROJETS ACTUELS ET LEUR RESPONSABLES

Aucun renseignement

13. BIBLIOTHEQUE

Aucun renseignement

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

Aucun renseignement

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Aucun renseignement

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Aucun renseignement

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE DE "FORMATION SUR LE TAS"

Aucun renseignement

1. NOM DE L'INSTITUTION

Institut National Polytechnique de Toulouse

2. ADRESSE POSTALE

ENSAT Labo Ichtyologie
145, Av. de Muret
310 76 Toulouse Cédex

Téléphone : 42 83 98

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

Professeur A. Raynaud, Directeur

4. TYPE D'INSTITUTION

Ecole Universitaire

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

Départements

6. BREF HISTORIQUE DE L'INSTITUTION

1900 Leg d'un établissement de Pisciculture à l'Université

7. CHAMP D'ACTIVITE

Agronomie et Ichtyologie Appliquée

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

a) Personnel scientifique : 10
b) Professionnels : 2
c) Autres employés : 1

9. EQUIPEMENT PRINCIPAL

Piscicultures expérimentales (1974)
 Equipement optique (1976)
 Equipement histologique (1977)
 Equipement analytique (1977)
 Equipement informatique (1982)

10. AUTRES MOYENS DE L'INSTITUTION

L'équipement pour effectuer la dynamique des populations des poissons (Rivieres, Fleuves, Lacs etc.)

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Gestion des eaux dans la région Midi

12. PROJETS ACTUELS ET LEUR RESPONSABLES

Aucun

13. BIBLIOTHEQUE

a) Nombre de volumes: 537 b) Nombre de périodiques: 10

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

Une revue interne biannuelle (ATIA)

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Diplôme d'ingénieur
 Doctorat de 3e cycle
 Doctorat d'état
 Formation continue

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

7 étudiants étrangers et nombreux stagiaires

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE "FORMATION SUR LE TAS"

Nombreux Professeurs et Chercheurs étrangers

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

BINCHE Jean-Luis André Michel

2. AGE

36

3. ADRESSE

Résidence D'Al Soula
66650 Banyuls-sur-Mer
France

4. QUALIFICATION

Maîtrise: 1974 (biochimie)

5. CONNAISSANCE DES LANGUES

a) langue maternelle: français
b) autres langues : anglais

6. CHAMP D'ACTIVITE

Protection et gestion du milieu marin

7. FONCTIONS (POSTE ACTUEL)

Administrateur de la réserve naturelle au Département
des Pyrénées Orientales

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

Ecologie pélagique et benthique de la région de Port-La-
Nouvelle

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Aucun renseignement

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

LABAT René

2. AGE

62

3. ADRESSE

20, rue du Foyer - Toulousain
31300 Toulouse

4. QUALIFICATION

Doctorat : 1966

5. CONNAISSANCE DES LANGUES

a) langue maternelle: français

b) autres langues : anglais

6. CHAMP D'ACTIVITE

Gestion des ressources en eau , Aquaculture

7. FONCTIONS (POSTE ACTUEL)

Professeur en Ichtyologie Appliquée (Institut National
Polytechnique de Toulouse)

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

- Dépollution de la petite Baïse

- Etude des Passes à Poissons et des Poissons migrateurs

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

- Etude sur les sels de métaux lourds dans le Lot
- Mise au point sur la reproduction des Ezocides
- Etudes Cytogénétiques sur les Cyprinidés de Midi-Pyrénées
- Problèmes Ecophysiologiques posés par l'Aquaculture des Poissons
- Alimentation de la Carpe à partir de déchets industriels
- Etude Hydrobiologique de la Garonne
- Recherches sur les Poissons migrateurs de la Garonne

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

- Canada - Professeur à l'Université
- Portugal - Directeur de recherches Poissons migrateurs
- Chili - Contrat de recherches universitaires
- Roumanie - Gestion des eaux et Génétique
- Hongrie - Contrat de recherches

GREECE
GRECE

INSTITUTIONS

ISRAEL
ISRAEL

1. NAME OF THE INSTITUTION

חקר ימים ואגמים לישראל בע"מ

2. POSTAL ADDRESS

Israel Oceanographic and Limnological
Research Ltd.
Tel-Shikmona,
P.O.Box 8030
31080 Haifa
Israel

Telephone:
04-515202

Telex:
46400 BXHA IL/CODE 8848

Telegram abbreviation:
RESOC HAIFA

3. NAME AND TITLE OF EXECUTIVE OFFICER

Prof. Colette Serruya, Director General

4. TYPE OF INSTITUTION

Governmental

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

3 institutes divided into departments

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1967

7. FIELD OF ACTIVITY OF THE INSTITUTION

Oriented research in the field of protection and better
utilization of the marine and lacustrine environment;
Mariculture projects (fish and other marine organisms
for food production);
Studies on heat storage in the sea for prediction of
rainfall;

Movement of sand along the Israeli shores;
Chemistry of brines;
Hyperbaric physiology;
Food chain of the Lake of Tiberias (Lake Kinneret)

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

a) Scientists: 56
b) Professionals: 40
c) Other employees: 49

9. CAPITAL EQUIPMENT

2 atomic absorption spectrophotometers,
2 gas chromatographs,
Digital titration system,
Densitometer,
Heat capacity calorimeter,
Flame photometer,
Polarograph,
2 autoanalyzers,
1 CTD,
2 directional wave measurement systems,
1 channel seismic equipment,
1 magnetometer,
3 liquid scintillation counters,
Refrigerated centrifuges,
Lyophilizers,
Experimental diving pressure chambers,
Experimental fish hatchery

10. OTHER FACILITIES OF THE INSTITUTION

1 research vessel (200 tons),
1 research vessel for coastal research,
Navigation systems,
3 computers

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

- Geophysical surveys of the eastern Mediterranean Sea and Gulf of Elat
- Chemistry of the Gulf of Elat and the Red Sea
- Study of pollution of Haifa Bay
- Chemistry of Dead Sea waters
- Various aspects of reproduction, nutrition, diseases and growth of Sparus aurata
- Reproduction and growth of rotifers
- Limnological studies of Lake of Tiberias

- Sand transport along the Israeli coast
- Wave atlas of the Israeli coast
- Studies of hyperbaric physiology

12. CURRENT PROJECTS AND THEIR LEADERS

- Physical oceanography (A. Hecht)
- Chemical oceanography (B. Krumgalz)
- Marine geology (A. Golik, Z. Ben-Avraham, Y. Mart, Z. Carmel, V. Goldsmith)
- Marine biology (E. Lubzens, B. Kimor, T. Berman, A. Ben-Amotz)
- Mariculture (H. Gordin, G. Kissil, A. Tandler, A. Hughes-Games, D. Popper)
- Limnology (M. Gophen, B. Cavari, U. Pollinger, T. Berman)

13. LIBRARY

- | | |
|--|---|
| a) Number of books:
4,000 | b) Number of periodicals:
1,000 titles (900 on
exchange basis and 100
subscriptions) |
| c) Number of documents:
3,000 regional reprints | |

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY THE INSTITUTION

Triennial/Biennial Report (in English), 1979-1981, available on exchange basis;
IOLR Collected Reprints (in English), 1980, available on exchange basis;
Electrolyte Solutions, Sea & Natural Water Current Literature (in English), 6 issues per year, available on subscription only

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Courses for undergraduates;
Students coming from universities and working at IOLR for M.Sc. and Ph.D. degrees

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Laboratories for students

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE
IN "ON THE JOB TRAINING"

Special inexpensive arrangements for accommodation
for visiting scientists

1. FAMILY NAME, FIRST NAME, OTHER NAMES

BEN-TUVIA Adam

2. AGE

62

3. ADDRESS

Burla Str. 20/19
Jerusalem 93714,
Israel

4. EDUCATION

M.Sc. in 1947
Ph.D. in 1956

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Hebrew, Polish
b) Other languages: English, German, French, Spanish

6. FIELD OF WORK

Marine biology (mostly fishes and fisheries)

7. EMPLOYMENT RECORD (THE LATEST POST)

Professor of zoology at the Hebrew University, Jerusalem
(since 1972)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- Fisheries and Management of the Bardawill Lagoon,
North Sinai (1970-1979)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- Studies of the Population and Fisheries of Sparus Aurata in the Bardawill Lagoon, Inv. Pesq. 43 (1), 43-67, 1979
- Man-Induced Changes in the Freshwater Fish Fauna of Israel, Fish. Mgmt., 12 (4), 139-148, 1981
- The Mediterranean Sea: Biological Aspects, in B.H. Ketchum (Edit.), Estuaries and Enclosed Seas, Elsevier, Amsterdam (in press)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

FAO, Rome, 1964-1968 (Fisheries biology),
Nigeria, 1979 (University education in fisheries biology)

ITALY
ITALIE

LEBANON
LIBAN

LIBYAN ARAB JAMAHIRIYA
JAMAHIRIYA ARABE LIBYENNE

1. NAME OF THE INSTITUTION

مركز بحوث الحياة البحرية

2. POSTAL ADDRESS

Marine Biology Research Centre
Tajura
P.O.Box 30830
Tripoli
Libya

Telephone:
690002

Telex:
20183 TRIPUNIV

Telegram abbreviation:

3. NAME AND TITLE OF EXECUTIVE OFFICER

Dr. Atig A.D. Huni, Director General

4. TYPE OF INSTITUTION

University of Al-Fateh

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

Divided into research units

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1981 as Marine Biology Station

7. FIELD OF ACTIVITY OF THE INSTITUTION

Research and training in the field of marine biology

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 13
- b) Professionals: 7
- c) Other employees: 4

9. CAPITAL EQUIPMENT

No information received

10. OTHER FACILITIES OF THE INSTITUTION

Research labs,
Library,
Lecture theatre,
Seminar room,
Dark room,
Museum,
Aquariums,
Boat house and restaurant,
Stand-by generator

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

No information received

12. CURRENT PROJECTS AND THEIR LEADERS

Farwa Lagoon surveying (A.A.D. Huni)

13. LIBRARY

a) Number of books:
1,000

b) Number of periodicals:
92

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY
THE INSTITUTION

Sea Horse, a monthly newsletter (in Arabic)

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Undergraduate and postgraduate courses;
Regular seminars and lectures

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Available if approved by the University

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE
IN "ON THE JOB TRAINING"

Free of charge following the University approval

1. NAME OF THE INSTITUTION

مركز البحوث البحرية

2. POSTAL ADDRESS

Marine Research Centre
Bah El-Bahr
P.O.Box 315
Tripoli
Libya

Telephone:
45260

Telex:

Telegram abbreviation:

3. NAME AND TITLE OF EXECUTIVE OFFICER

Dr. M. Y. El-Tawil, Director

4. TYPE OF INSTITUTION

Governmental

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

4 research units

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1969 as M.F.R.C.,
as Marine Research Centre since 1979

7. FIELD OF ACTIVITY OF THE INSTITUTION

Marine science and aquaculture

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 18
- b) Professionals: -
- c) Other employees: 35

9. CAPITAL EQUIPMENT

Flourometer,
Spectrophotometer,
Autoanalyzer,
Liquid scintillation counter,
Digital salinometer,
Current meter,
Wave recorder,
Water level recorder,
Coulter counter,
Electrophoretic equipment

10. OTHER FACILITIES OF THE INSTITUTION

2 research vessels,
small boats

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

- Dissolved and Dispersed Petroleum Hydrocarbons in Libyan Coastal Waters (1981)
- Occurence of Tar Balls on the Libyan Beaches (1981)
- Identification Sheets for Phytoplankton Species in Libyan Coastal Waters (1981)
- Qualitative and Quantitative Zooplankton in the Gulf of Gabes and Adjacent Libyan Waters (1982)
- Environmental Conditions of the Farwa Lagoon during 1981

12. CURRENT PROJECTS AND THEIR LEADERS

- Nitrogen cycle in Libyan waters
- Comparative electrophoretic observations in some species in the area of Tripoli
- Atlas of Libyan fishes
- Environmental studies on mugil species

13. LIBRARY

- | | |
|--|---------------------------------|
| a) Number of books:
850 | b) Number of periodicals
110 |
| c) Number of documents:
500 reports | |

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY THE INSTITUTION

Marine Research Centre Bulletin (one per year), available on exchange basis

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Periodical courses

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Limited

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN "ON THE JOB TRAINING"

No information received

1. FAMILY NAME, FIRST NAME, OTHER NAMES

ANNEGIAR Mahmood

2. AGE

26

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1981

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Arabic
- b) Other languages: English

6. FIELD OF WORK

Phytoplankton

7. EMPLOYMENT RECORD (THE LATEST POST)

Researcher, Marine Research Centre (since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Farwa Lagoon Environment

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

BELGASIM Ahmed

2. AGE

35

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1971

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Arabic
- b) Other languages: English

6. FIELD OF WORK

Fish Biology

7. EMPLOYMENT RECORD (THE LATEST POST)

Biologist, Marine Research Centre (since 1971)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Project carried out by a Romanian team (1976)
- Comparing the effect of pollution for different application of Muqil (1983)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

BEN RAMADAN Zenouba

2. AGE

30

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1975

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Arabic
- b) Other languages: English

6. FIELD OF WORK

Marine Chemistry

7. EMPLOYMENT RECORD (THE LATEST POST)

Chemist, Marine Research Centre (since 1976)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Oil Pollution in the Coastal Waters of Libya (1981)
- Environmental Conditions of the Farwa Lagoon (1981-1982)
- Ecological Conditions in the Fishery Harbour of Tripoli (1982-1983)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

- Dissolved and Dispersed Petroleum Hydrocarbons in Libyan Coastal Waters, MRC Bulletin, Tripoli, 1, 1981
- Environmental Conditions of the Farwa Lagoon During 1981, MRC Bulletin, Tripoli, 3, 1982
- Ecological Conditions in the Fishery Harbour of Tripoli, MRC Bulletin, Tripoli (in preparation)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

APPLY NAME, SURNAME, TITLE, GRADE

PEN. TITLE / Grade

1. AGE

29

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1978

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Arabic
- b) Other languages: English

6. FIELD OF WORK

Marine Chemistry

7. EMPLOYMENT RECORD (THE LATEST POST)

Chemist, Marine Research Centre (since 1980)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Oil Pollution in the Coastal Waters of Libya (1981)
- Environmental Conditions of the Farwa Lagoon (1981-1982)
- Ecological Conditions in the Fishery Harbour of Tripoli (1982-1983)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- Dissolved and Dispersed Petroleum Hydrocarbons in
Libyan Coastal Waters, MRC Bulletin, Tripoli, 1, 1981
- Environmental Conditions of the Farwa Lagoon
During 1981, MRC Bulletin, Tripoli, 3, 1982
- Ecological Conditions in the Fishery Harbour of
Tripoli, MRC Bulletin, Tripoli (in preparation)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FULL NAME (LAST, FIRST, MIDDLE NAME, INITIALS)

GASHOUP Salabehiny, MSc, Ph.D.

2. AGE

38

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1969
Ph.D. in 1981

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Arabic
b) Other languages: English, Italian

6. FIELD OF WORK

Marine Benthos (reproduction in marine invertebrates)

7. EMPLOYMENT RECORD (THE LATEST POST)

Senior Researcher and Scientific Officer, Marine Research
Centre (since 1969)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- Survey of West Libyan waters (1972-1974)
- Survey of East Libyan waters (1974-1976)
- Participation in many studies carried by the MRC

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

As author:

- Comparative Observations on Different Actinia Equina Populations Collected from the Mediterranean and North Sea Waters, MRC Bulletin, Tripoli, 4, 1983
- Another publication on the same subject in preparation (to be published elsewhere)

As co-author:

- Evidence for Parthenogenetic Reproduction in the Sea Anemone, J.M. Biol. Ass., UK, 59, 973-987

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

HUNI Atig, Arbi Drawil

2. AGE

42

3. ADDRESS

Marine Biology Research Centre
P.O.Box 30830
Tripoli
Libya

4. EDUCATION

B.Sc. in 1964
M.Sc. in 1969
Ph.D. in 1973

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Arabic
b) Other languages: English

6. FIELD OF WORK

No information received

7. EMPLOYMENT RECORD (THE LATEST POST)

Director General, Marine Biology Research Centre
(since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

No information received

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- A Trial in the Lab. Culture of the Fezzan Strain of Artemia salina
- The Composition and Distribution of Intertidal Organisms on a Rocky Platform of Tajura Coast
- On the Fecundity of Palaemon elegans Rathke 1837 (Crustacea:Decapoda:Natantia) on the Libyan Coast of the Mediterranean
- A Note on the Occurance of Gnathia sp. (Crustacea: Isopoda) as Ectoparasite on Certain Fishes Caught off Tajura Coast

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

KHATALI Arebi

2. AGE

26

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1979

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Arabic
- b) Other languages: English

6. FIELD OF WORK

Marine Chemistry

7. EMPLOYMENT RECORD (THE LATEST POST)

Head, Chem. Lab., Marine Research Centre (since 1983)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Dissolved and Dispersed Petroleum Hydrocarbons (1981)
- Environmental Conditions of the Farwa Lagoon (1981-1982)
- Trace Metals in Fish (1983-)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

As co-author:

- Dissolved and Dispersed Petroleum Hydrocarbons in
Libyan Coastal Water, MRC Bulletin, Tripoli, 1, 1981
- Environmental Conditions of the Farwa Lagoon During
1981-1982, MRC Bulletin, Tripoli, 3, 1982

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

TAWIL Mohamed

2. AGE

38

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1968
Ph.D. in 1974

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Arabic
- b) Other languages: English

6. FIELD OF WORK

Marine sciences (fisheries)

7. EMPLOYMENT RECORD (THE LATEST POST)

Director, Marine Research Centre (since 1974)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

Supervision and planning of MRC activities

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

- A Multidisciplinary Approach to a New Species of Gobius (Teleostei: Gobiidea) from Southern Cornwall
- Haemoglobins and the Systematic Problems Set by Jobioid Fishes
- Comparative Electrophoretic Observations of Musde Myogen from Gobius Pagarellus and Gobius Niger Collected from the Mediterranean and the English Channel (in preparation)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

ZORGANI Mohamed, Ebrahim

2. AGE

36

3. ADDRESS

Marine Research Centre
P.O.Box 315
Tripoli
Libya

4. EDUCATION

B.Sc. in 1971

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Arabic
- b) Other languages: English

6. FIELD OF WORK

Marine Plankton

7. EMPLOYMENT RECORD (THE LATEST POST)

Senior Researcher and Administrative Officer,
Marine Research Centre (since 1971)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Survey of West Libyan waters
- Participation in many studies carried out by MRC

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- Qualitative and Quantitative Zooplankton in the
Gulf of Gabes and Adjacent Libyan Waters, MRC Bulletin,
Tripoli, 3, 1982
- Two publications in preparation on Zoo- and Phytoplankton
in Libyan Waters

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

MALTA
MALTE

MONACO
MONACO

1. NOM DE L'INSTITUTION

Centre Scientifique de Monaco

2. ADRESSE POSTALE

Centre Scientifique de Monaco
Bd. de Suisse 16,
MC 98030 Monté Carlo
Monaco

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

S.E.M. Solamito, Président

4. TYPE D'INSTITUTION

Etablissement Public autonome de Droit monégasque

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

Aucun renseignement reçu

6. BREF HISTORIQUE DE L'INSTITUTION

Fondée le 23 mai 1960 par Ordonnance - Loi No.690,
complétée par la Loi No.780

7. CHAMP D'ACTIVITE DE L'INSTITUTION

Recherche pure et appliquée dans le domaine de
l'Océanographie et de l'Environnement

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

- a) Personnel scientifique:
Une douzaine de techniciens ou chercheurs
- b) Autres employés: Quatre administratifs

9. EQUIPMENT PRINCIPAL

Matériel d'analyses physiques, chimiques, microbiologiques, orientées principalement vers les analyses d'eau de mer, et une unité de calcul de traitements et de données.

Station d'observations météorologiques et sismologiques (tous équipements récents)

10. AUTRES MOYENS DE L'INSTITUTION

Bateau laboratoire "RAMOGE" (15 mètres) principalement affecté aux opérations en zone côtière.

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Aucun renseignement reçu

12. PROJETS ACTUELS ET LEUR RESPONSABLES

Aucun renseignement reçu

13. BIBLIOTHEQUE

- a) Nombre de volumes: b) Nombre de périodiques:
c) Nombre de documents
(rapports, dossiers,
autres documents):

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

Aucun renseignement reçu

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Néant

16. POSSIBILITE D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Nombre très restreint de places disponibles pour des travaux relatifs principalement à la surveillance de la qualité des eaux côtières.

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE
DE "FORMATION SUR LE TAS"

A étudier

MOROCCO
MAROC

INSTITUTIONS

SPAIN
ESPAGNE

1. NAME OF THE INSTITUTION

El Instituto Español de Oceanografía

2. POSTAL ADDRESS

Spanish Oceanographic Institute
Ministry of Transport and Communications
Madrid
Spain

3. NAME AND TITLE OF EXECUTIVE OFFICER

Miguel Oliver Massutí, Director

4. TYPE OF INSTITUTION

Governmental

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

Divided into Departments and Services.

- Department of Applied Biology,
- Marine Biology Department,
- Fisheries Biotechnology Department,
- CEDO (Oceanographic Data Centre),
- Marine Pollution Department,
- Department of Physical Research,
- Geological Department,
- Chemical Department,
- ROM Service (Marine Monitoring)
- Mareography Service.

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1914

7. FIELD OF ACTIVITY OF THE INSTITUTION

Oceanographic research, evaluation, preservation
and management of marine resources

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 99
- b) Professionals: -
- c) Other employees: 155

9. CAPITAL EQUIPMENT

No information received

10. OTHER FACILITIES OF THE INSTITUTION

No information received

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

No information received

12. CURRENT PROJECTS AND THEIR LEADERS

No information received

13. LIBRARY

- | | |
|--|---|
| a) Number of books:
numerous, collected
in a specialized library | b) Number of periodicals:
700 (national and internat.) |
|--|---|

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY THE INSTITUTION

Boletín del Instituto Español de Oceanografía
(last issue 265, 1979)

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

No information received

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

No information received

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE
IN "ON THE JOB TRAINING"

No information received

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

ELEGIDO Maximiliano

2. AGE

60

3. ADRESSE

ICONA
Gran Via de San Francisco, 35
Madrid 5
Espagne

4. QUALIFICATION

Doctorat: 1950

5. CONNAISSANCE DES LANGUES

a) langue maternelle: espagnol
b) autres langues : français, anglais

6. CHAMP D'ACTIVITE

Aquaculture

7. FONCTIONS (POSTE ACTUEL)

Chef de la Station Centrale Ecologie

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES SEPT DERNIERES ANNEES

Plan national d'aquaculture

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Articles dans le domaine de Pisciculture

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

MIRANDA José Luis

2. AGE

62

3. ADRESSE

ICONA
Gran Vía San Francisco,35
Madrid (5)
Espagne

4. QUALIFICATION

Doctorat : 1946

5. CONNAISSANCE DES LANGUES

a) langue maternelle: espagnol
b) autres langues : français

6. CHAMP D'ACTIVITE

ICONA, Section des Pêches Continentales

7. FONCTIONS (POSTE ACTUEL)

Chef de la Section des Pêches Continentales (1983)

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

Aucun

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Un grand nombre de publications et articles

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Expert en la matière des Pêches Continentales, 1982
(Santa Cruz de la Sierra, Bolivia)

SYRIAN ARAB REPUBLIC
REPUBLIQUE ARABE SYRIENNE

1. NAME OF THE INSTITUTION

مركز البحوث البحرية

2. POSTAL ADDRESS

Marine Research Centre
Lathi 6117
Syria

3. NAME AND TITLE OF EXECUTIVE OFFICER

No information received

4. TYPE OF INSTITUTION

Governmental

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

No information received

6. BRIEF HISTORY OF THE INSTITUTION

No information received

7. FIELD OF ACTIVITY OF THE INSTITUTION

Marine Research

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

No information received

9. CAPITAL EQUIPMENT

No information received

10. OTHER FACILITIES OF THE INSTITUTION

No information received

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

No information received

12. CURRENT PROJECTS AND THEIR LEADERS

No information received

13. LIBRARY

No information received

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY
THE INSTITUTION

No information received

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTE

No information received

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

No information received

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN
"ON THE JOB TRAINING"

No information received

1. FAMILY NAME, FIRST NAME, OTHER NAMES

NAHHAS Rachid

2. AGE

34

3. ADDRESS

Scientific Studies and Research Centre
P.O.Box 1098
Damascus
Syria

4. EDUCATION

B.Sc. in 1973
M.Sc. in 1976
Ph.D. in 1981

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Arabic
b) Other languages: English

6. FIELD OF WORK

Experimental Marine Biology

7. EMPLOYMENT RECORD (THE LATEST POST)

Research Scientist, Scientific Studies and Research
Centre (since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- Studies on Fish Growth (1976-1981)
- Controlled Production of Marine Food Organisms
Using Recycled Nutrients (1974-1976)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

As author:

- Preliminary Experiments on the Controlled Production of Marine Food Organisms Using Recycled Nutrients (M.Sc. thesis), AUB, Beirut, 1976
- Studies of Growth and Swimming Capabilities of Young Trout under Controlled Conditions (Ph.D. thesis), University of Hull, England, 1981

As co-author:

- The Application of the Freeze-branding Technique to Trout Fry, Fish Management 11, 23-28, 1980
- Some Aspects of Sustained Training of Rainbow Trout, Journal of Fish Biology 20, 351-358, 1982
- Growth, Training and Swimming Ability of Young Trout Maintained under Different Salinity Conditions, Journal of the Marine Biological Association of the United Kingdom 62, 699-708, 1982

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

TUNISIA
TUNISIE

1. NOM DE L'INSTITUTION

المعهد القومي العلمي والفني للأحياء والصيد

2. ADRESSE POSTALE

Institut National Scientifique et
Technique d'Océanographie et de Pêche
28, rue de 2 Mars 1934
2025 Salambô

Téléphone: 275 632
276 364
276 522

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

Hadj Ali Salem Mohamed, Directeur

4. TYPE D'INSTITUTION

Gouvernementale

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

Division en départements

6. BREF HISTORIQUE DE L'INSTITUTION

Station océanographique de Salambô (1924-1964)
I.N.S.T.O.P. (1964)

7. CHAMP D'ACTIVITE DE L'INSTITUTION

Recherche dans le domaine de la mer et des eaux continentales

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

a) Personnel scientifique: 20 + 17
b) Administratifs : 21
c) Autres employés : 63

9. EQUIPMENT PRINCIPAL

- bateaux de recherche
- spectrophotomètre
- equipment scientifique divers

10. AUTRES MOYENS DE L'INSTITUTION

Néant

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

- Variations spacio-temporelles des nitrites, nitrates, phosphates inorganiques et rapport N/P dans le lac de Tunis
- Toxicité des produits dispersants outre pétrole
- Eutrophication du lac de Tunis
- Variation des bipides dans les différentes parties du corps de la sardine
- Effets des rejets industriels de la région de Gabés sur le milieu marin récepteur
- Sources de pollution marine côtière en Tunisie
- Conditions du milieu au large des côtes tunisiennes

12. PROJETS ACTUELS ET LEUR RESPONSABLE

- Rentabilités des ports et statistiques des pêches (H. Garbi)
- Pollution (M. Belkline)
- Aquaculture (A. Rhoumi)

13. BIBLIOTHEQUE

- | | |
|-------------------------------|---|
| a) Nombre de volumes:
1800 | b) Nombre de périodiques: 1385
Abonnements: 38 |
| c) Autres documents:
4803 | |

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

Bulletin de l'INSTOP (français avec résumés en arabe et en anglais)

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Aucun

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Aucun

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE DE
"FORMATION SUR LE TAS"

Aucun

1. NOM DE L'INSTITUTION

الديوان القومي للصيد البحري

2. ADRESSE POSTALE

Office National des Pêches
Port de la Goulette, BP No. 13
Tunis
Tunisie

Téléphone:
(01) 277233
277439

Télex:
12388 TN

Code télégraphique:
OFNAP

3. NOM ET TITRE DU RESPONSABLE DE L'INSTITUTION

M. Mohsen Hamza, Président Directeur Général

4. TYPE D'INSTITUTION

Gouvernementale

5. STRUCTURE ET ORGANISATION DE L'INSTITUTION

Division en Directions et en Services

6. BREF HISTORIQUE DE L'INSTITUTION

Fondation en 1958

7. CHAMP D'ACTIVITE DE L'INSTITUTION

Production maritime et lagunaire, Commercialisation,
Construction navale et Conserves

8. NOMBRE DE SCIENTIFIQUES, PROFESSIONNELS ET AUTRES EMPLOYES

- a) Personnel scientifique
b) Professionnels : 1290 permanents, 900 personnel marin,
c) Autres employés 1100 personnel saisonnier

9. EQUIPEMENT PRINCIPAL

Chalutiers
 Usines de conserves et de fabrication de farine de poisson
 Installations frigorifiques
 Chalutiers navals et Ateliers mécaniques
 Camions frigorifiques

10. AUTRES MOYENS DE L'INSTITUTION

Installations de pêches fixes (Madrague et Bordiques)
 Installations d'aquaculture et de conchyliculture
 Matériel de dragage des lacs

11. TRAVAUX IMPORTANTS MENES AU COURS DES 7 DERNIERES ANNEES

Assainissement du lac nord de Tunis
 Renovation de 8 chalutiers et acquisition de 4 thonnières
 Installation de : Tunnels de congélation et chambres froides,
 Usines de conserves

12. PROJETS ACTUELS ET LEUR RESPONSABLES

Acquisition de 3 chalutiers de pêche hauturière
 Installation frigorifique
 Développement d'un centre d'aquaculture

13. BIBLIOTHEQUE

a) Nombre de volumes : 94 b) Nombre de périodiques: 12
 c) Nombre de documents: Divers

14. REVUES OU AUTRES PERIODIQUES PUBLIES PAR L'INSTITUTION

Bulletin d'information Interne

15. PROGRAMMES D'ENSEIGNEMENT DE L'INSTITUTION

Aucun

16. POSSIBILITES D'ACCUEIL D'ETUDIANTS VENUS DE L'EXTERIEUR

Aucun renseignement reçu

17. ACCUEIL DE SPECIALISTES EN VISITE ET EXPERIENCE DE
"FORMATION SUR LE TAS"

Perfectionnement des patrons et marins sortis des écoles
de pêche.

Accueil dans le cadre de la coopération technique de
spécialistes et chercheurs.

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

AMARA Mohamed

2. AGE

31

3. ADRESSE

Place 3. Aout, ONP - Monastir, Tunisie

4. QUALIFICATION

Diplôme d'ingénieur: 1978

5. CONNAISSANCE DES LANGUES

- a) langue maternelle: arabe
- b) autres langues : français

6. CHAMP D'ACTIVITE

Aquaculture - Responsable au Centre National de Développement
de l'Aquaculture

7. FONCTIONS (POSTE ACTUEL)

- ONP - Centre National d'Aquaculture

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT
LES SEPT DERNIERES ANNEES

Centre National de l'Aquaculture - Responsable local (Monastir)

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Information non reçue

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

BEJI Othman

2. AGE

29

3. ADRESSE

I.N.S.T.O.P.
2025 Salammbô
Tunisie

4. QUALIFICATION

Ingénieur Principal: 1981

5. CONNAISSANCE DES LANGUES

- a) langue maternelle: arabe
- b) autres langues: français, anglais

6. CHAMP D'ACTIVITE

Aquaculture et Pollution marine

7. FONCTIONS (POSTE ACTUEL)

Ingénieur Principal (INSTOP)

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES 7 DERNIERES ANNEES

Projets liés à l'Aquaculture

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Toxicité du Teepol vis-à-vis des alluvions de loup -
l'influence du stade de développement
Toxicité du Teepol vis-à-vis des alluvions de muge -
l'influence de la salinité
Toxicité du Néocide vis-à-vis des alluvions de loup et de muge

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

BCUSLAMA Abdelwahab

2. AGE

34

3. ADRESSE

ONP - Zarzis, Tunisie

4. QUALIFICATION

Licence : 1976

Maîtrise : 1977

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe

b) autres langues : français, russe

6. CHAMP D'ACTIVITE

- Biologie animale

- Pêche lagunaire au sein de l'Office National des Pêches de Tunisie

7. FONCTIONS (POSTE ACTUEL)

- Office National des Pêches, Directeur régional (1983)

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES SEPT DERNIERES ANNEES

Information non disponible

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Information non disponible

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

ELOUAN Ali

2. AGE

30

3. ADRESSE

I.N.S.T.O.P.
2025 Salammbô
Tunisie

4. QUALIFICATION

Ingénieur T.E. : 1976

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe
b) autres langues : français, anglais

6. CHAMP D'ACTIVITE

Aquaculture

7. FONCTIONS (POSTE ACTUEL)

Chef des travaux de laboratoire (INSTOP)

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES 7 DERNIERES ANNEES

Projets d'aquaculture en continuation

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Aquaculture en Tunisie, Rapport et doc. de l'INSTOP
Production d'alluvions de sole à l'écloserie de Char El Nelh,
Bull. INSTOP

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

KRICHEN Youssef

2. AGE

27

3. ADRESSE

ONP - B.P. 13, La Goulette, Tunisie

4. QUALIFICATION

Maîtrise : 1978
Ing. Principal : 1981

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe
b) autres langues : français, anglais

6. CHAMP D'ACTIVITE

- Lagunes de Tunisie - Aménagement - Pêche - Techniques

7. FONCTIONS (POSTE ACTUEL)

- Office National des Pêches - Directeur technique

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES SEPT DERNIERES ANNEES

- MEDRAP - Représentant de l'ONP

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Publications dans le Bulletin de l'Office National des Pêches,
1981, 5(2), 133-165

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

KSOURI Jamel

2. AGE

28

3. ADRESSE

24, Cité Taïeb El M'hiri
El Aouina
Tunisie

4. QUALIFICATION

Ing. T.E. : 1978

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe
b) autres langues : français, anglais

6. CHAMP D'ACTIVITE

Aquaculture

7. FONCTIONS (POSTE ACTUEL)

INSTOP - Ingénieur T.E.

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES 7 DERNIERES ANNEES

Aquaculture - Projet en continuation

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Aucun

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

RHOUMA Ahdelmajid

2. AGE

36

3. ADRESSE

I.N.S.T.O.P.
2025 Salammbô
Tunisie

4. QUALIFICATION

Ingénieur T.E. : 1973
Ing. Principal : 1975

5. CONNAISSANCE DES LANGUES

a) langue maternelle: arabe
b) autres langues : français, anglais

6. CHAMP D'ACTIVITE

Biologie marine et Aquaculture

7. FONCTIONS (POSTE ACTUEL)

Chef du Laboratoire d'Aquaculture

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES 7 DERNIERES ANNEES

Développement de l'Aquaculture en Tunisie

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Biologie et élevage des muges et de la carpe en Tunisie
Élevage de la carpe en Tunisie
Aquaculture en Tunisie

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

TURKEY
TURQUIE

1. NAME OF THE INSTITUTION

Daire Başkanlığı
Tarım ve Orman Bakanlığı

2. POSTAL ADDRESS

Department of Fisheries
Ministry of Agriculture and Forestry
Olgunlar Sokak 10,
Bakanlıklar
Ankara
Turkey

Telephone:
256450/254353

Telex:

Telegram abbreviation:

3. NAME AND TITLE OF EXECUTIVE OFFICER

Mr. İrfan Sahin, Chairman

4. TYPE OF INSTITUTION

Governmental

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

Marine Division,
Inland Fisheries Division,
Water Pollution Control Division,
Economy Planning Division,
Research Division
Regional Directorates in Mersin, Adana, Bodrum, Izmir,
Çanakkale, Balıkesir and Istanbul

6. BRIEF HISTORY OF THE INSTITUTION

Founded as Department of Water Products; in 1971 changed the name and became General Directorate of Fisheries; since 1980 as Department of Fisheries.

7. FIELD OF ACTIVITY OF THE INSTITUTION

Water products and water pollution

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 12
- b) Professionals: 147
- c) Other employees: 530

9. CAPITAL EQUIPMENT

Spectrophotometer,
AAS,
Gas chromatograph,
Vessels,
Echosounders

10. OTHER FACILITIES OF THE INSTITUTION

Fish farming facilities

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

No information received

12. CURRENT PROJECTS AND THEIR LEADERS

No information received

13. LIBRARY

No information received

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY
THE INSTITUTION

No information received

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

No information received

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

No information received

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN
"ON THE JOB TRAINING"

No information received

1. NAME OF THE INSTITUTION

Su Ürünleri ve Hastalıkları Birimi

2. POSTAL ADDRESS

Unit of Water Products and Fish Disease
Faculty of Veterinary Medicine
University of Ankara
Ankara
Turkey

Telephone:
161155/783207

Telex:

Telegram abbreviation:

3. NAME AND TITLE OF EXECUTIVE OFFICER

Prof. Dr. İsmet Baran

4. TYPE OF INSTITUTION

University

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

Divided into departments and units

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1967 as Chair of Water Products, Fisheries and Wildlife. In 1981 changed the name into Unit of Water Products and Fish Disease.

7. FIELD OF ACTIVITY OF THE INSTITUTION

Aquaculture
Diseases of fish
Fisheries

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 5
- b) Professionals: 2
- c) Other employees: 2

9. CAPITAL EQUIPMENT

Microtome (purchased in 1979),
Deepfreezer (purchased in 1980),
Stereomicroscope (purchased in 1968),
Binocular microscope (purchased in 1968),
Incubator (purchased in 1969)

10. OTHER FACILITIES OF THE INSTITUTION

Two fish products and research stations

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

- A study on the chemical and histopatological effects of the replacement of fish meal by using cotton seed meal and sunflower meal in rainbow trout rations (financed by the Turkish Scientific and Technical Research Council),
- Untersuchungen über die Nahrungsaufnahme des Karpfens bei niedrigen Temperaturen (doctoral thesis),
- Death of waters,
- Crayfish culture,
- Possibilities of adaptation of *Salmo gairdneri irideus* into the Çifteler-Sakaryabaşı Fish Products and Research Station,
- Experimentelle Untersuchungen über die Ernährung von Regenbogenforellen mit örtlichen Futtermöglichkeiten der Çifteler-Sakaryabaşı Fischzüchtungs-und-Forschungsanstalt,
- Morphological characteristics of the otoliths in some freshwater and seawater fishes and age determination, based on otoliths,
- Untersuchungen zur biologischen Wasserpflanzenbekaempfung mit Gräsfischen an der Sakaryabaşı Fischzucht und Versuchsanstalt.

- The possibilities of fish culture in East Anatolia,
- An outbreak of bacterial hemorrhagic septicemia of rainbow trout in a fish farming station located in Eskişehir Çifteler, Sakaryabaşı, Turkey,
- Text book of the Ichthyology,
- Studies on the freshwater crayfish in Anatolia,
- Morphologische Untersuchungen am Verdauungstakt des Grasfisches (doctoral thesis),
- A study of the carrageenin granuloma in the plaice (doctoral thesis),
- The venerinary aspects and fish culture,
- General curative and hygiene methods on the prevention of fish disease,
- Carrageenin granuloma in the plaice: A histopathological study of chronic inflammation in a teleost fish,
- Studies on the effects of different diets on the growth and histopathology of the eel,
- Diseases transmitted from fish to man,
- A study on the use of hydrogen peroxide in transport of fish

12. CURRENT PROJECTS AND THEIR LEADERS

- A study on the chemical and histopathological effects of replacement of fish meal by using cotton seed meal and sunflower meal in rainbow trout rations (D.Atay, M.Erdem, M.Timur, M.Sarıtaş)
- Studies on the effects of different diets on the growth and histopathology of the eel (M.Timur)

13. LIBRARY

- | | |
|--------------------------------|---------------------------|
| a) Number of books: | b) Number of periodicals: |
| 50 | 8 |
| c) Number of documents | |
| (reports, records, other): 150 | |

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY
THE INSTITUTION

None

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Undergraduate and postgraduate studies

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Not available

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN
"ON THE JOB TRAINING"

Not available

1. FAMILY NAME, FIRST NAME, OTHER NAMES

BUMIN Muzaffer

2. AGE

38

3. ADDRESS

Meşrutiyet Cad. 47/22
Yenişehir
Ankara
Turkey

4. EDUCATION

B.Sc. in 1968
M.Sc. in 1969

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Turkish
- b) Other languages: English

6. FIELD OF WORK

Marine fishery

7. EMPLOYMENT RECORD (THE LATEST POST)

Head, Marine Fishery Division, Ministry of
Agriculture and Forestry (since 1971)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- Black Sea fisheries development project (1984)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

TUNALI Şengün

2. AGE

38

3. ADDRESS

Su Ürünleri Bölge Müdürlüğü
Gazi Kemal Mah, Yeni,
Antalya Cad. 8,
Isparta
Turkey

4. EDUCATION

B.Sc. in 1967
M.Sc. in 1968

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Turkish
b) Other languages: English

6. FIELD OF WORK

Inland fisheries

7. EMPLOYMENT RECORD (THE LATEST POST)

Isparta Regional Director, Fisheries Department
(since 1971)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Fish stock evaluation (1980)
- Aquaculture of freshwater crayfish (1981)
- Carp culture (1982)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

ATAHAN Ali, Mahir

2. AGE

40

3. ADDRESS

Su Ürünleri Bölge Müdürlüğü
P.K. 298
Mersin
Turkey

4. EDUCATION

B.Sc. in 1964
M.Sc. in 1965

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Turkish
b) Other languages: English

6. FIELD OF WORK

Fisheries

7. EMPLOYMENT RECORD (THE LATEST POST)

Fisheries Department Regional Director (since 1972)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Pollution of Iskenderun Bay (1981)
- Shrimp culture (1982)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

1. FAMILY NAME, FIRST NAME, OTHER NAMES

ÇERİĞ Erdener, Seyfettin

2. AGE

33

3. ADDRESS

Fisheries Department
Olgunlar Sok.10,
Bakanliklar
Ankara
Turkey

4. EDUCATION

M.Sc. in 1970

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Turkish
- b) Other languages: English

6. FIELD OF WORK

No information received

7. EMPLOYMENT RECORD (THE LATEST POST)

Director of Sponge Research Station, Bodrum (since 1973)

8. SINGIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Sponge (1981)
- Fish Stock Evaluation (1980)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

None

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

ÇETİN Cemali

2. AGE

38

3. ADDRESS

Su Ürünleri Bölge Müdürlüğü
Üniversite Cad. 47,
Bornova
İzmir
Turkey

4. EDUCATION

B.Sc. in 1970
M.Sc. in 1971

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Turkish
b) Other languages: English

6. FIELD OF WORK

Water pollution and marine culture

7. EMPLOYMENT RECORD (THE LATEST POST)

Expert of the Fisheries Division (since 1974)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Water pollution control (1979-1982)
- Aquaculture (1981)
- Fish stock evaluation (1980)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

IMCO (IMO), 1977

1. FAMILY NAME, FIRST NAME, OTHER NAMES

GÖKSU M. Ziya, Lugal

2. AGE

30

3. ADDRESS

Su Ürünleri Daire Başkanlığı
Olgunlar Sokak 10,
Bakanlıklar
Ankara
Turkey

4. EDUCATION

B.Sc. in 1974

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Turkish
- b) Other languages: English

6. FIELD OF WORK

Fisheries and seawater and freshwater pollution

7. EMPLOYMENT RECORD (THE LATEST POST)

Chairman of Inland Fisheries Division (since 1977)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

Project No. TUR 76/052 (1979-1982)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

- Methods of applying remote sensing in environmental pollution (in Turkish)
- Biological disposal techniques and microbiological utilisation techniques in liquid wastes disposal (in Turkish)
- Plankton structure of the Black Sea (in Turkish)
- Water products (in Turkish)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

TIMUR Metin

2. AGE

37

3. ADDRESS

University of Ankara,
Faculty of Veterinary Medicine
The Unit of Fish Products and Fish Disease
Ankara
Turkey

4. EDUCATION

B.Sc. in 1969
M.Sc. in 1971
Ph. D. in 1975

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Turkish
b) Other languages: English

6. FIELD OF WORK

Pathology of fish disease and fisheries

7. EMPLOYMENT RECORD (THE LATEST POST)

Associated Professor at the Faculty of Veterinary
Medicine (since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

As author:

- A study of the carrageenin granuloma in the plaice. University of Stirling (Ph.D. thesis)

As co-author:

- A study on the chemical and histopathological effects of replacement of fish meal by using cotton seed meal and sunflower meal in rainbow trout rations. Financed by the Turkish Scientific and Technical Research Council. V.H.A.G., No. 320, Ankara, 43 p (1978)
- Morphological characteristics of the otoliths in some freshwater and seawater fishes and age determination based on otoliths. Vet.Hek.Der.Derg., 49 (1), 21-38 (1979)
- An outbreak of bacterial hemorrhagic septicemia of rainbow trout in a fish farming station located in Eskişehir Çifteler, Sakaryabaşı, Turkey. A.Ü.Vet.Fak.Derg., 27 (3-4), 467-473, (1981)
- Carrageenin granuloma in the plaice: a histopathological study of chronic inflammation in a teleost fish. J.Comp.Path., 87, 89-96

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

As author:

- The Veterinary Aspects and Fish Culture. Türk.Vet.Hek.Dern.Derg., 46, 49-51(1976)
- General curative and hygiene methods on the prevention of fish disease. Türk.Vet.Hek.Dern.Derg., 47, 72-73, (1976)
- Diseases transmitted from fish to man. A.Ü.Vet.Fak.Derg., in press (1982)

As co-author:

- Text book of the ichthyology. Ankara Üniversitesi Basimevi, Ankara, 200 p, (1982)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

YUGOSLAVIA
YOUgoslavie

INSTITUTIONS

1. NAME OF THE INSTITUTION

Biološki zavod

2. POSTAL ADDRESS

Biological Institute
Damjana Jude 12
P.O.Box 39
50000 Dubrovnik

Telephone:
(050) 27939

Telex:

Telegram abbreviation:

3. NAME AND TITLE OF EXECUTIVE OFFICER

Dr. Adam Benović, Director

4. TYPE OF INSTITUTION

Independent

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

Departments:
Marine biology
Terrestrial botany
Ornithology

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1951

7. FIELD OF ACTIVITY OF THE INSTITUTION

Marine biology - Plankton
Terrestrial botany - Ornithology

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 13
- b) Professionals: 17
- c) Other employees:

9. CAPITAL EQUIPMENT

3 optical microscopes,
7 binocular loupes,
3 controlled temperature/light chambers,
1 controlled temperature/light laboratory,
1 semi-automatic electric microbalance,
1 electric furnace,
different plankton nets,
water sampler,
reversed thermometers,
experimental basins for mariculture,
1 calorimetric bomb.

All the equipment purchased 5 years ago.

10. OTHER FACILITIES OF THE INSTITUTION

Public sea aquarium,
Museum of fishes and birds,
Botanical garden

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

No information received

12. CURRENT PROJECTS AND THEIR LEADERS

Plankton of the Adriatic Sea
Rearing of some fishes, oysters and mussels
Biocenology of islands in the Southern Adriatic
Birds of the Southern Adriatic

13. LIBRARY

- a) Number of books: 3,000
- b) Number of periodicals: 8
- c) Number of documents (reports, records, other):

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY
THE INSTITUTION

None

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Undergraduate and postgraduate courses in
marine biology - plankton

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Suitable facilities for 3 students

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN
"ON THE JOB TRAINING"

Laboratory space only

1. NAME OF THE INSTITUTION

CENMAR - RO za uzgoj ribe, rakova i školjaka

2. POSTAL ADDRESS

CENMAR - Organization for the culture of fish,
crustacea and mollusca
Borisa Kidriča 22,
P.O.Box 134
57000 Zadar

Telephone:
(057) 24994/24939

Telex:

Telegram abbreviation:
CENMAR ZADAR

3. NAME AND TITLE OF EXECUTIVE OFFICER

Mr. Juraj Machiedo, Director

4. TYPE OF INSTITUTION

Independent

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

Two departments (research units within)

6. BRIEF HISTORY OF THE INSTITUTION

No information received

7. FIELD OF ACTIVITY OF THE INSTITUTION

Mariculture, hatchery and grow-out operations
Mariculture development

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 4
- b) Professionals: 6
- c) Other employees: 8

9. CAPITAL EQUIPMENT

Location of marine fish hatchery (with production, research, and other essential facilities) covering the area of 6,000 m² (purchased in 1982-1983)

Marine cage-culture facilities (purchased in 1977)

10. OTHER FACILITIES OF THE INSTITUTION

No information received

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

Culture of seabass and other fish in floating cages from 1977 until the present

Construction of hatcheries

Rearing of seabass in floating cages (World Conference on Aquaculture, Venice 1981)

12. CURRENT PROJECTS AND THEIR LEADERS

Cage culture operation (Mr. L. Miljak)

Hatchery operation (Mr. T. Vodopija)

13. LIBRARY

a) Number of books:	Number of periodicals:
50	4

c) Number of documents
(reports, records, other):

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY THE INSTITUTION

None

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Undergraduate and postgraduate courses; practical training

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Production facilities and laboratory space

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN "ON THE JOB TRAINING"

Available laboratory space for 3 scientists

1. NAME OF THE INSTITUTION

Institut za oceanografiju i
ribarstvo

2. POSTAL ADDRESS

Institute of Oceanography and
Fisheries
Moše Pijade 67, P.O.Box 114,
58000 Split
Yugoslavia

Telephone:
46688/42688

Telex:

Telegram abbreviation:
IOR SPLIT

3. NAME AND TITLE OF EXECUTIVE OFFICER

Mr. Rade Stijelja, Director

4. TYPE OF INSTITUTION

Independent

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTE

Divided into research units:

- Laboratory of Physical Oceanography,
- Laboratory of Biology,
- Laboratory of Ichthyology and Fisheries
- Laboratory of Mariculture

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1930

7. FIELD OF ACTIVITY OF THE INSTITUTION

Scientific and research work dedicated primarily to
the Adriatic Sea area, its hydrological, biological and
fisheries properties

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 34
- b) Professionals: 15
- c) Other employees: 23

9. CAPITAL EQUIPMENT

- Current meters,
- Liofilizator,
- Net recorder,
- Spectrophotometer,
- Autoanalyzer,
- Echo-sounder,
- Echo-integrator,
- CSTD probe,
- Salinometer,
- Photometer,
- Turbidimeter,
- Microscopes,
- Fluorometer,
- Thermostatic chamber,
- Subwater television camera

10. OTHER FACILITIES OF THE INSTITUTION

"BIOS" research vessel,
Experimental and public aquarium
with 27 basins

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

No information received

12. CURRENT PROJECTS AND THEIR LEADERS

- Physical and geological properties of sea phenomena
(Dr. Mira Zore-Armanda)
- Basic chemical processes, content and cycles of elements
and compounds in the sea (Mr. Ilija Vukadin)
- Processes and dynamics within and between trophic
levels (Dr. Tereza Pucher-Petković)
- Flora and fauna communities (Dr. Ante Špan),
- Ecological, physiological and genetic studies of
marine organisms (Mr. Mladen Tudor)
- Explorations of the Adriatic Sea as food source
(Dr. Stjepan Jukić)
- Information system and models of marine research

13. LIBRARY

- a) Number of books: b) Number of periodicals:
3,300 700
- c) Number of documents
(reports, records, other):

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY
THE INSTITUTION

"Acta Adriatica" (in English and French) available on
exchange and purchase basis

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Training course for fisheries administrators from
developing countries (postgraduate)

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Laboratories, research vessel, standard laboratory
equipment and lecture room are available

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN
"ON THE JOB TRAINING"

Laboratories and equipment are available

1. NAME OF THE INSTITUTION

"Mirna", Radna organizacija za ulov,
preradu i promet ribe - Rovinj

2. POSTAL ADDRESS

The "Mirna" Fishing and Canning Industry
Paliaga 8,
52210 Rovinj

Telephone:
(052) 81522

Telex:
25242

Telegram abbreviation:

3. NAME AND TITLE OF EXECUTIVE OFFICER

Mrs. Anamarija Stanišić, Director

4. TYPE OF INSTITUTION

Industrial

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

Fishing fleet,
Cannery,
Technical service,
Aquaculture department

6. BRIEF HISTORY OF THE INSTITUTION

Founded in 1877 as "tt Ste Franc C.A.", in 1919 as "Amplea",
and since 1964 as "Mirna"

7. FIELD OF ACTIVITY OF THE INSTITUTION

Fish catching,
Fish processing,
Aquaculture,
Production of cans

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 6
- b) Professionals: 12
- c) Other employees: 1,426

9. CAPITAL EQUIPMENT

Hatchery for marine fish breeding,
Laboratory,
Mariculture area with facilities for fish
and shell-fish farming

10. OTHER FACILITIES OF THE INSTITUTION

30 fishing vessels,
2 cooling stores,
fish processing machines,
repair-yard,
22 trucks

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

IPI - Aquaculture

12. CURRENT PROJECTS AND THEIR LEADERS

UNEP/FAO/MEDRAP (Mr. Ž. Filić)

13. LIBRARY

- a) Number of books:
- b) Number of periodicals:
6
- c) Number of documents
(reports, records, other):

14. JOURNAL OR OTHER PERIODICAL PUBLICATIONS ISSUED BY THE INSTITUTION

None

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

No information received

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Hatchery and marine farming laboratory

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE
IN "ON THE JOB TRAINING"

Laboratory space,
Living accommodation

1. NAME OF THE INSTITUTION

OOOR Centar za istraživanje mora - Rovinj
 Institut "Rudjer Bošković" - Zagreb

2. POSTAL ADDRESS

Centre for Marine Research
 The "Rudjer Bošković" Institute - Zagreb
 Giordano Paliaga 5,
 52210 Rovinj

Telephone:
 (052) 81029/81061

Telex:

Telegram abbreviation:
 AQUARIUM ROVINJ

3. NAME AND TITLE OF EXECUTIVE OFFICER

Dr. Dušan Zavodnik, Director

4. TYPE OF INSTITUTION

Independent

5. ORGANIZATIONAL STRUCTURE OF THE INSTITUTION

The Centre is divided into research units

6. BRIEF HISTORY OF THE INSTITUTION

Year	Name and Directors:	Founders:
1891	Zoologische Station des Berliner Aquarium (Mr. Hermes)	Zoologischer Garten und Aquarium, Berlin
1911	Zoologische Station (Mr. Burckhardt, Mr. Krumbach)	Kaiser-Wilhelm Gesellschaft zur Förde- rung der Wissenschaften, Berlin
1918	Stazione zoologica di Rovigno d'Istria (Mr. Fedele)	Governatorato della Venezia Giulia; R. Comitato Talassografico Italiano, Roma
1920	Istituto di biologia marina per l'Adriatico (Mr. Issel, Mr. Sella)	R. Comitato Talassografico Italiano, Roma

1931	Istituto italo-germanico di biologia marina di Rovigno d'Istria and Deutsch-italianisches Institut für Meeresbiologie zu Rovigno d'Istria (Mr.Sella, Mr.Steuer and Mr. Hämmerling)	R.Comitato Talassografico Italiano; Kaiser-Wilhelm Gesellschaft zur Förderung der Wissenschaften, Berlin
1943-1948	Institute was closed	
1948	Institut za ribarstvenu biologiju (Mr.Križanec)	Ministarstvo za nauku i kulturu FNRJ
1951	Institut za biologiju mora (Mr.Zei)	Jugoslavenska Akademija znanosti i umjetnosti (JAZU), Zagreb
1960	Biološki institut JAZU (Mr.Gamulin)	Jugoslavenska Akademija znanosti i umjetnosti (JAZU), Zagreb
1962	Institut za biologiju mora (Mr.Nikolić, Mr.Gelineo, Mr.Zavodnik)	Jugoslavenska Akademija znanosti i umjetnosti (JAZU), Zagreb
1969	Centar za istraživanje mora (Mr.Kveder, Mr.Branica, Mr.Kečkeš, Mr.Strohal, Mr.Kurelec, Mr.Ozretić)	Institut "Rudjer Bošković" Zagreb-Rovinj and JAZU, Zagreb
1980	Centar za istraživanje mora Rovinj (Mr.Ozretić and Mr.Zavodnik)	Institut "Rudjer Bošković" Zagreb-Rovinj and JAZU, Zagreb

7. FIELD OF ACTIVITY OF THE INSTITUTION

Marine biology, Marine chemistry, Aquaculture

8. NUMBER OF SCIENTISTS, PROFESSIONALS AND OTHER EMPLOYEES

- a) Scientists: 28
- b) Professionals: 24
- c) Other employees:

9. CAPITAL EQUIPMENT

High speed centrifuge (purchased in 1966);
 Continous flow centrifuge (purchased in 1978);
 Salinity temperature probe (purchased in 1967);
 Batythermographs (purchased in 1967);
 Vessels: "Vila Velebita" (purchased in 1969) and "Burin"
 (purchased in 1971);
 Aanderaa current meters (purchased in 1974);
 NC GM read NC-115 anticoincident counter (purchased in 1965)

10. OTHER FACILITIES OF THE INSTITUTION

Aquarium,
 Students practicum

11. SIGNIFICANT PROJECTS ACCOMPLISHED DURING THE LAST 7 YEARS

- Ecological Study of the Sea in Červar Bay Region;
 principal investigator: Dr. A. Barić, 1975
- Ecological Study of the Sea in Poreč Coastal Region;
 principal investigators: Drs. Lj. Jeftić and D. Degobbi, 1977-1978
- Ecological Study of the Sea in Pula Coastal Region;
 principal investigators: Drs. Lj. Jeftić and Č. Lucu, 1978-1979
- Ecological Study of the Sea in Rovinj Coastal Region;
 principal investigator: Dr. B. Ozretić, 1979
- Ecological Study of the Rijeka Bay; principal investigators:
 Drs. Lj. Jeftić and D. Degobbi, 1978-1981
- Pollution of the Northern Adriatic Sea, in collaboration
 with the National Sciences Foundation, U.S.A.;
 principal investigators: Drs. M. Gilmartin and Č. Lucu,
 1978-1981
- Co-ordinated Mediterranean Pollution Monitoring and
 Research Programme (MED POL); principal investigators:
 Drs. N. Smodlaka (MED POL III), D. Zavodnik (MED POL V),
 D. Fuks (MED POL VII), 1975-1980

All the above listed projects resulted in final reports
 under the same titles.

12. CURRENT PROJECTS AND THEIR LEADERS

- Yugoslav-Italian Programme for the Protection of the Adriatic Sea and Coastal Regions from Pollution; co-ordinators: Drs. M. Branica and M. Merlin, 1978-1985
- Research, Exploitation, Protection and Development of the Adriatic Sea; co-ordinator: Dr. M. Branica, 1981-1985
- The Nanoplankton/Microzooplankton Predatory/Prey Link in the Northern Adriatic Marine Food Web, in collaboration with the Smithsonian Institution, U.S.A.; principal investigators: Drs. M. Gilmartin and N. Smodlaka, 1982-1984

13. LIBRARY

- | | |
|--------------------------------------|--|
| a) Number of books:
approx. 4,000 | b) Number of periodicals:
720 titles and
35 journals subscribed to |
| c) Number of documents: | |
| 32 reports | |
| 50 maps | |
| 10 films | |
| 212 microfilms | |

14. JOURNAL OR OTHER PERIODICAL PUBLICATION ISSUED BY THE INSTITUTION

"Thalassia Jugoslavica" (a quarterly journal in English)

15. INSTRUCTIONAL PROGRAMMES AT THE INSTITUTION

Undergraduate and postgraduate studies in natural sciences

16. SPACE AND FACILITIES AVAILABLE FOR EXTERNAL STUDENTS

Laboratory (30 persons) and field facilities (research vessel, etc.) are available to student groups

17. PROVISION FOR VISITING SCIENTISTS AND EXPERIENCE IN "ON THE JOB TRAINING"

The Centre provides laboratory space and training on the natural sciences field of research

1. FAMILY NAME, FIRST NAME, OTHER NAMES

BENKO Mirjana

2. AGE

47

3. ADDRESS

"Rudjer Bošković" Institute
Centre for Marine Research
G. Paliaga 5,
52210 Rovinj
Yugoslavia

4. EDUCATION

B.Sc. in 1959
M.Sc. in 1964
Ph.D. in 1971

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English, Russian

6. FIELD OF WORK

Ecology of shellfish larvae

7. EMPLOYMENT RECORD (THE LATEST POST)

Since 1960 permanently employed at the Rovinj Centre

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

Cultivation and Exploitation of Marine Edible
Organisms (from 1975 until 1980, and from 1981 until 1985)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

As co-author:

- The relationship of the temperature and salinity to larval development in mussels. Proc. 12th Euro. Symp. Mar. Biol., Stirling, Scotland, Sept. 1977, 359-365.
- Preliminary survey of populations of the vivalve Noah's ark in the Northern Adriatic Sea. Aquaculture, 21, 357-363.
- The settlement of mussels and oysters in the Northern Adriatic Sea. Nova Thalassia, 4 (suppl.), 67-85.

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

In 1974 and 1975 as professional on the Study of effects of different salinities, constant and cycle temperatures on hard shell clam larvae (Duke University Marine Laboratory, Beaufort, USA)

1. FAMILY NAME, FIRST NAME, OTHER NAMES

BENOVIĆ Adam

2. AGE

39

3. ADDRESS

Biological Institute
P.O.Box 39,
50000 Dubrovnik
Yugoslavia

4. EDUCATION

B.Sc. in 1968
M.Sc. in 1971
Ph.D. in 1977

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English, German, Italian, French

6. FIELD OF WORK

Marine biology (zooplankton)

7. EMPLOYMENT RECORD (THE LATEST POST)

Since 1970 with the Biological Institute, Dubrovnik,
Yugoslavia

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

No information received

9. SINGIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- Diurnal vertical migration of Solmissus albescens
(Hydromedusae) in the Southern Adriatic. Mar.Biol.,
18, 1973
- Zooplankton Biomass of the Adriatic Sea - Present
Status and Problems. Nova Thalassia, 3, 1979
- The problems and perspectives of mariculture in
the Southern Adriatic Region. Nova Thalassia, 4, 1980

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

FILIĆ Ivanka, Pojed

2. AGE

37

3. ADDRESS

Centener b.b.
52210 Rovinj
Yugoslavia

4. EDUCATION

B.Sc. in 1972
M.Sc. in 1975

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English

6. FIELD OF WORK

Phyto-Zooplankton Culture

7. EMPLOYMENT RECORD (THE LATEST POST)

Head, Live Food Production Department, "Mirna", Rovinj
(since 1983)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

No information received

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

As co-author:

- Investigation of nutrient limitation of phytoplankton production in the Northern Adriatic by enrichment experiments, Thalassia Jugoslavica 13 (1/2) 13-24, 1977
- Red tide due to dinoflagellates in the harbour of Pula, Period.biol., 80 (Suppl.) 153-159, 1978
- Marikultura, (novi) potencijalni izvor hrane iz mora. Dosadašnji rezultati i programi razvoja u istarskom području, III Konferencija SITH o tehnološkom razvoju SR Hrvatske, Zbornik radova SITH, 3, 177-188

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

No information received

1. FAMILY NAME, FIRST NAME, OTHER NAMES

FILIĆ Želimir

2. AGE

38

3. ADDRESS

Centener b.b.
52210 Rovinj
Yugoslavia

4. EDUCATION

B.Sc. in 1968
M.Sc. in 1970

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: French, Polish, German, English

6. FIELD OF WORK

Development of hatchery technology

7. EMPLOYMENT RECORD (THE LATEST POST)

Head, Mariculture Centre, "Mirna" (since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

No information received

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

As author:

- Quelques résultats expérimentaux sur la technologie de l'ostreiculture dans l'Adriatique septentrional Haliotis, 5:196-205
- La conc hyliculture en Yougoslavie, son évolution, ses perspectives, Haliotis, 5:237-244
- On possibilities of fish and shellfish breeding on the west Istrian coast, Morsko ribarstvo, 29:91-94
- Marikultura - realnost i perspektiva uzgoja lubina u Jugoslaviji, Morsko ribarstvo, 2:145-151

As co-author:

- The growth of oyster (Ostrea edulis L.) and mussel (Mytilus galloprovincialis Lmk.) in cultured beds in the northern Adriatic sea, Stud.Rev. GFCM, 52:35-45
- Kontrola mikrobiološke kvalitete uzgajališta i samoočišćenje dagnji (Mytilus galloprovincialis Lmk.), Ichthyologia, 9:101-106
- New species of oysters (Crassostrea sp.) in Limski Kanal, Ichthyologia, 10:41-54
- Marikultura (novi) potencijalni izvor hrane iz mora, III Konferencija SITH o tehnološkom razvoju SR Hrvatske, Zbornik radova - Knjiga III.

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

No information received

1. FAMILY NAME, FIRST NAME, OTHER NAMES

GORSKI Žarko

2. AGE

37

3. ADDRESS

P.P. Vergerio 9,
52210 Rovinj
Yugoslavia

4. EDUCATION

B.Sc. in 1971

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Serbo-Croat
- b) Other languages: English, Russian

6. FIELD OF WORK

Fish and shell fish; influence of nutritional and chemical aspects on marine organisms

7. EMPLOYMENT RECORD (THE LATEST POST)

Mariculture Technologist, "Mirna", Rovinj (since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

No information received

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

Sete (France), Training course (1982);
Japan, Technical Cooperation Plan (1983)

•

1. FAMILY NAME, FIRST NAME, OTHER NAMES

KATAVIĆ Ivan

2. AGE

32

3. ADDRESS

Institute of Oceanography and Fisheries
P.O.Box 114,
58000 Split
Yugoslavia

4. EDUCATION

B.Sc. in 1973
M.Sc. in 1976

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English

6. FIELD OF WORK

Mariculture: artificial reproduction of the commercial
sea-water fishes

7. EMPLOYMENT RECORD (THE LATEST POST)

Principal investigator in Mariculture Laboratory,
Institute of Oceanography and Fisheries, Split, Yugoslavia
(since 1977)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- National Mariculture Project (1982), as Principal Investigator
- Bilateral Italian-Yugoslav Cooperative Programme on
Mariculture (1979), as Coordinator

- Cooperative USA-Yugoslavia Mariculture Programme (1981-1982), as Principal Investigator

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

- Temporal distribution of young mugilids in the coastal waters of the Central Eastern Adriatic. Acta Adriatica, 21 (2), 137-150 (1980)
- Influence of temperature on the development of sea bass. Nova Thalassia, 4, 113-125 (1980)
- The growth of the sea bass larvae. Acta Adriat., (1980), in press
- Some observations on the survival and growth of sea bass postlarvae under varied environmental conditions (1982); in press

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

As Deputy Director in 1981, and as lecturer in 1982 at the International Centre for the Training of Fishing Personnel.

As consultant in Libya (1982)

1. FAMILY NAME, FIRST NAME, OTHER NAMES

KRALJEVIĆ Miro

2. AGE

33

3. ADDRESS

14. kolovoza 10,
58000 Split
Yugoslavia

4. EDUCATION

M.Sc. in 1977

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Serbo-Croat
- b) Other languages: English

6. FIELD OF WORK

Mariculture

7. EMPLOYMENT RECORD (THE LATEST POST)

Investigator at the Institute of Oceanography and
Fisheries, Split, Yugoslavia (since 1975)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- National Mariculture Programme (1978-1983)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- The rearing of gilthead sea bream fry (Sparus aurata L.) with artificial and natural food (M.Sc. thesis). Library of the Institute.
- Experimental rearing of marine fishes in tanks. Morsko ribarstvo, 1978, XXX, No.1.
- Growth and survival of Turbot larvae (Schophthalmus maximus L.) fed on rotifers and 3-day old Artemia nauplii, Aquaculture (in press).

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

KRŠINIĆ Frano

2. AGE

35

3. ADDRESS

Biological Institute,
50000 Dubrovnik
Yugoslavia

4. EDUCATION

B.Sc. in 1972
M.Sc. in 1975
Ph.D. in 1977

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: German, English

6. FIELD OF WORK

Microzooplankton, Tintinnines

7. EMPLOYMENT RECORD (THE LATEST POST)

No information received

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

No information received

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

No information received

1. FAMILY NAME, FIRST NAME, OTHER NAMES

LISAC Darko

2. AGE

26

3. ADDRESS

CENMAR
P.O.Box 134,
57000 Zadar
Yugoslavia

4. EDUCATION

B.Sc. in 1977
M.Sc. in 1981

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English, Italian, French

6. FIELD OF WORK

Hatchery and grow-out techniques for marine fish; main species: sea bass and sea bream.

Oyster and mussel culture techniques.

Research on limiting factors for marine fish culture.

7. EMPLOYMENT RECORD (THE LATEST POST)

Hatchery biologist at CENMAR, Zadar, Yugoslavia (since 1982)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Development of mariculture in Istria (1978-1983), as associate researcher.
- Intensive fish culture (1979-1982), as associate researcher.
- Hatchery sea bass production (from 1982 on), as researcher in charge of the Larval and Fry Sector.

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY THE EXPERT

- Effect of various water exchange rates on the growth of Dicentrarchus labrax in relation to the physico-chemical properties of the culture environment. World Conference on Aquaculture, Venice, Sept. 1981.
- Effect of temperature on growth and metabolite excretion in seabass; The Adriatic Sea - Characteristics and Perspectives, Rovinj, Oct. 1981.
- Aquaculture, a wide field for investment (in press).

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

Morocco (June-July 1975), Fisheries Research Training

Italy (January-April 1982), Hatchery Training

Japan (May-July 1982), Mariculture Training.

1. FAMILY NAME, FIRST NAME, OTHER NAMES

MAJIĆ Andjelka

2. AGE

27

3. ADDRESS

Institut za oceanografiju i ribarstvo,
P.O.Box 114,
58000 Split
Yugoslavia

4. EDUCATION

M.Sc. in 1982

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English, Italian

6. FIELD OF WORK

Mass production of phytoplankton and zooplankton in
the field of aquaculture

7. EMPLOYMENT RECORD (THE LATEST POST)

Researcher at the Institute of Oceanography and
Fisheries, Split, Yugoslavia (since 1982)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- "Vir-Konavle" Pollution Project (1979-1982)
- "Neum-Klek" Pollution Project (1981-1982)
- Bilateral Italian-Yugoslav cooperative programme on
mariculture (1981)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

Characteristics of the Phytoplankton of the Eastern
Adriatic (Vir-Konavle). Postgraduate School of Science,
University of Zagreb, 1982 (M.Sc. thesis)

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

MILJAK Lazar

2. AGE

42

3. ADDRESS

CENMAR
P.O.Box 134
57000 Zadar
Yugoslavia

4. EDUCATION

M.Sc. 1966

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Serbo-Croat
- b) Other languages: Polish, Spanish, English

6. FIELD OF WORK

Aquaculture and fishing techniques

7. EMPLOYMENT RECORD (THE LATEST POST)

Technologist at CENMAR, Zadar, Yugoslavia (since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- National projects on aquaculture and fisheries.

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

Numerous articles on aquaculture and fisheries

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

As navigator and skipper of tuna boats in the East
Atlantic and the East Pacific, between 1968 and 1975.

1. FAMILY NAME, FIRST NAME, OTHER NAMES

SKARAMUCA Boško

2. AGE

40

3. ADDRESS

Biological Institute
P.O.Box 39,
50000 Dubrovnik
Yugoslavia

4. EDUCATION

B.Sc. in 1969
M.Sc. in 1975
Ph.D. in 1980

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English

6. FIELD OF WORK

Marine biology (Zooplankton, Appendicularia)

7. EMPLOYMENT RECORD (THE LATEST POST)

Since 1970 with the Biological Institute, Dubrovnik,
Yugoslavia

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

No information received

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

- Distribution of Oikopleura longicauda and Oikopleura fusiformis (Appendicularia) in the Adriatic Sea, Rapp. Comm. Int. Mer Medit., 24, 10 (1977)
- Contribution to the study of faune Appendicularians in the Adriatic Sea. Rapp. Comm. Int. Mer Medit., 25/26, 8 (1979)
- Cruises of the R/V "Vila Velebita" in the Kvarner Region of the Adriatic Sea. XV Appendicularia. Thalassia Jugosl., 15, 3/4 (1979)
- Reports and results of the oceanographic investigations in the Adriatic Sea: Zooplankton-Appendicularia. H.I.R.M. (1982)

. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

No information received

1. FAMILY NAME, FIRST NAME, OTHER NAMES

ŠARUŠIĆ Gordana

2. AGE

29

3. ADDRESS

CENMAR
P.O.Box 134,
57000 Zadar
Yugoslavia

4. EDUCATION

B.Sc. in 1980

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: English, Italian

6. FIELD OF WORK

Pathology of marine fish;
Disease diagnosis, control and treatment

7. EMPLOYMENT RECORD (THE LATEST POST)

Fish pathologist employed with CENMAR, Zadar, Yugoslavia
since 1982

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- Hatchery Sea Bass Production (1982)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

Fish pathology training, Italy, 1981-1982

1. FAMILY NAME, FIRST NAME, OTHER NAMES

TESKEREDŽIĆ Emin

2. AGE

36

3. ADDRESS

Radićeva 70,
41000 Zagreb
Yugoslavia

4. EDUCATION

B.Sc. in 1971
M.Sc. in 1974
Ph.D. in 1982

5. KNOWLEDGE OF LANGUAGES

- a) Mother tongue: Serbo-Croat
- b) Other languages: English, German

6. FIELD OF WORK

Fish disease

7. EMPLOYMENT RECORD (THE LATEST POST)

Chief of laboratory, "Rudjer Bošković" Institute
(since 1980)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- Project on Health Control of Fish

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN
BY THE EXPERT

As author:

- Udio podvodnog sportskog ribolova u eksploataciji riba u Jadranskom moru, Morsko ribarstvo No. 27, 2, 1975, 67-69, 7
- Bazofilne punktacije u eritrocitima nekih morskih riba otrovanih olovom, Veterinarski arhiv, No. 45, 207, 1975
- Kemijska selekcija zooplanktona pri uzgoju šaranskog mladja, Bilten No.4, 1975 (Zavod za biologiju i patologiju riba i pčela)
- Liječenje parazitarnih bolesti kože i škruga šarana do starosti od mjesec dana, Bilten No. 5, 1975 (Zavod za biologiju i patologiju riba i pčela)
- Nelogičnosti zimske zabrane sportskog podvodnog ribolova, Morsko ribarstvo No. 2, 28, 76-77, 1976
- Može li sportski podvodni ribolov ugroziti fond pojedine vrste riba, Morsko ribarstvo No. 2, 28, 77, 1976
- Zaštita riba Jadrana, Bilten Saveza organizacija za sportski ribolov na moru i podvodne djelatnosti SRH No. 6, Zagreb, 1978
- Uzgoj kalifornijske pastrve (Salmo gairdneri, Rich. 1932) u plutajućim kavezima u miješanoj vodi, Fakultet poljoprivrednih znanosti, Zagreb, 1982
- Uzgoj pacifičkog lososa (Oncorhynchus sp.) u Japanu, Morsko ribarstvo
- Ribarstvo Jadrana, Morsko ribarstvo

As co-author:

- Liječenje botriocefaloze šarana, Veterinarski arhiv No. 46 (9-10), 245-252, 1976
- Suzbijanje tzv. akutnog oblika zarazne vodene bolesti šarana s pomoću imunoprofilakse, Završni izvještaj, p. 76, Zagreb 1977
- Uzgoj morskih riba u kavezima, Morsko ribarstvo 2, 29, 1977

- Kontrolirano mriješćenje šarga, Morsko ribarstvo 2, 29, 1977
- Ulov ribe na takmičenjima u sportskom podvodnom ribolovu u 1976. godini, Bilten Sav.org.za sportski ribolov na moru i podvodne djel. SRH, No.6, p. 11, Zagreb 1977
- Priprema za tov morskih riba u kavezima u nas, I simpozij o akvakulturi, Zadar 1977, Ichthyologia (in press)
- Imuni odgovor šarana na virus tzv. akutne zarazne vodene bolesti, Završni izvještaj o istraživanju po ugovoru br.NG-8-72
- Kontrolirano mriješćenje šarga (Diplodus sargus), I simpozij o akvakulturi, Zadar 1977, Ichthyologia Vol. 11, No. 1, 21-26, 1979
- Uputa za prijavu bolesti i masovnih uginuća riba i drugih organizama koji žive u vodi, Veterinarska stanica, Zagreb
- Slatkovodno ribarstvo u SR Hrvatskoj (odlike i tendencije u razvitku), Ekonomika poljoprivrede, Beograd
- A Study of Mebendazole Toxicity in Carps (Cyprinus carpio L.), Aquatic Toxicology
- Vaccination of Carp against Spring Viremia: Comparison of Intraperitoneal and Peroral Application of Live Virus to Fish Kept in Ponds, Bull. Off. Int. Epir., 87 (5-6), 441-442, 1977
- The Floating Bag - a Simple Demand Feeder for Fish, Riv. It. Piscic. Ittiop., 11, 1, 22-23, 1976

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

UNESCO consultant, Libya, 1978

1. FAMILY NAME, FIRST NAME, OTHER NAMES

TONKOVIĆ Miro

2. AGE

42

3. ADDRESS

Braće Santini 33,
58000 Split
Yugoslavia

4. EDUCATION

B.Sc. in 1980

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat

b) Other languages: Czecho-Slovak, French

6. FIELD OF WORK

Mariculture (chemistry)

7. EMPLOYMENT RECORD (THE LATEST POST)

Investigator with the Institute of Oceanography and
Fisheries, Split, Yugoslavia, since 1975

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

- National Mariculture Programme (1978-1983), as
investigator

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

No information received

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. FAMILY NAME, FIRST NAME, OTHER NAMES

TUŠNIK Peter

2. AGE

38

3. ADDRESS

Liminjanska cesta 95,
66320 Portorož
Yugoslavia

4. EDUCATION

B.Sc. in 1970
M.Sc. in 1976

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Slovene
b) Other languages: English

6. FIELD OF WORK

Eco-physiology of molluscs (Bivalvia)

7. EMPLOYMENT RECORD (THE LATEST POST)

Research Associate at the Institute for Biology, Piran
Yugoslavia (since 1977)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN
DURING THE LAST 7 YEARS

As Research Assistant in the Adriatic III Project (1974-
1976),
As Research Assistant in the Ecosystems of the Northern
Adriatic (1974-1979),
As Research Associate in the Marine Bioresources (1979)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN
BY THE EXPERT

- Akvatični ekosistemi v Strunjanskem zalivu (in Slovene)
- Pollution problems of the Adriatic Sea - an interdisciplinary approach
- Kompenzacija komunalnih odpadnih voda v masovnih kulturah morskih mikroorganizmov kot izhodišče reciklažnih tehnologij čiščenja (in Slovene)
- Hranilne soli dušika, fosforja in silicija v morju ob Slovenski obali (in Slovene)
- Some allometric relationships and growth of two raft-grown populations of mussels Mytilus galloprovincialis Lmk. in clean and polluted environment

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

None

1. NOM DE FAMILLE, PRENOM, AUTRES PRENOMS

VILIČIĆ Damir

2. AGE

34

3. ADRESSE

Biološki institut,
P.P. 39,
50000 Dubrovnik
Yougoslavie

4. QUALIFICATION

Diplôme: 1973
Maîtrise: 1977
Doctorat d'Etat: 1983

5. CONNAISSANCE DES LANGUES

- a) langue maternelle: croate
- b) autres langues: anglais, italien, français

6. CHAMP D'ACTIVITE

Phytoplancton (écologie, physiologie)

7. FONCTIONS (POSTE ACTUEL)

Aucun renseignement reçu

8. PROJETS IMPORTANTS AUXQUELS VOUS AVEZ PRIS PART DURANT LES SEPT DERNIERES ANNEES

FAO (CGPM)/PNUE Programme sur la pollution en Méditerranée (MED III), 1976-1978

9. PUBLICATIONS ET ARTICLES IMPORTANTS QUE VOUS AVEZ PUBLIES

Comme auteur :

- On heterotrophic nutrition of some species of green algae, Acta Bot. Croat., 38, 45-54, 1979

Comme coauteur :

- Qualitative and quantitative analysis of the Phytoplankton in the Southern Adriatic, September-October 1979, Acta Adriat., 1982

10. TRAVAIL PROFESSIONNEL OU EMPLOI AU NIVEAU INTERNATIONAL

Aucun

1. FAMILY NAME, FIRST NAME, OTHER NAMES

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2. AGE

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3. ADDRESS

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4. EDUCATION

B.Sc. in 1963
M.Sc. in 1982

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Croat
b) Other languages: Italian

6. FIELD OF WORK

No information received

7. EMPLOYMENT RECORD (THE LATEST POST)

Technologist at CENMAR, Zadar, Yugoslavia (since 1981)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

- National Projects of Aquaculture and Fisheries

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN BY
THE EXPERT

Numerous articles on aquaculture and fisheries.

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

No information received

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4. EDUCATION

B.Sc. in 1936
Ph.D. in 1940

5. KNOWLEDGE OF LANGUAGES

a) Mother tongue: Slovene
b) Other languages: English, French, German, Italian

6. FIELD OF WORK

Fisheries biology,
Ichthyology,
Mariculture

7. EMPLOYMENT RECORD (THE LATEST POST)

Project Director, FAO - Rome (from 1962 until 1975)

8. SIGNIFICANT PROJECTS THE EXPERT HAS BEEN INVOLVED IN DURING THE LAST 7 YEARS

CECAF - FAO, Morocco to Congo Kinshasa Region
(1973-1975)

9. SIGNIFICANT PUBLICATIONS AND ARTICLES WRITTEN
BY THE EXPERT

About 50 published scientific papers on
ichthyology, fisheries biology, zoology and ecology

10. WORK AS PROFESSIONAL OR EMPLOYEE AT INTERNATIONAL LEVEL

From 1962 until 1975 worked as Project Manager and
Programme Leader in Africa (Ghana, Tunisia, West Africa
from Morocco to Angola)

