



United Nations  
Environment  
Programme



UNEP(OCA)/MED WG.44/2  
24 February 1992

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## MEDITERRANEAN ACTION PLAN

Consultation Meeting on the participation  
of Egypt in the MED POL Programme of  
the Mediterranean Action Plan

Cairo, 24 February 1992

# **REPORT OF THE CONSULTATION MEETING ON THE PARTICIPATION OF EGYPT IN THE MED POL PROGRAMME OF THE MEDITERRANEAN ACTION PLAN**

### Agenda Item 1 - Opening of the Meeting

Mr S. Hafez, National Co-ordinator for MED POL and Chairman of the Egyptian Environmental Affairs Agency (EEAA) welcomed the participants on behalf of His Excellency Minister A. Ebeid and expressed the wish that this meeting contributes to the full implementation of the participation of Egypt in the MED POL programme of the Mediterranean Action Plan.

Dr L. Jeftic, Senior Marine Scientist in the Mediterranean Action Plan welcomed the participants on behalf of Dr M. K. Tolba, Executive Director of the United Nations Environment Programme, thanked Mr S. Hafez for organizing and hosting the meeting and stated that meeting is organized in time to ensure the full implementation of MED POL programme for 1992 in Egypt.

The meeting was held in the premises of the Egyptian Environmental Affairs Agency (EEAA), Cabinet of Ministers, Cairo. Mr S. Hafez was elected as Chairman of the Meeting and Dr M. Fawzi as vice-Chairman.

The list of participants is presented in Annex I to this report.

The meeting considered the provisional agenda for the meeting (UNEP(OCA)/MED WG.44/1) and agenda as adopted is presented in the Annex II to this report.

### Agenda Item 2 - Overview of the participation of Egypt in the MED POL Programme of the Mediterranean Action Plan

Dr L. Jeftic gave an overview of the participation of Egypt in MED POL Programme since 1982. A short summary of this participation is presented below.

a) Training

Since 1982, a total of 29 training grants were given to specialists from Egypt in various fields (detailed list is presented in Annex III to this report). Total financial support for training was: US\$ 40,074.

b) Fellowships

Since 1982, a total of 63 fellowships were given to Egyptian scientists to attend meetings relevant to MED POL (detailed list is presented in Annex IV to this report). Total financial support for fellowships was: US\$ 51,497.

c) Research

Since 1982, a total of 24 research proposals from Egypt were considered (detailed list of all research proposals considered is presented in Annex V to this report). Total financial support for research was: US\$ 50,200.

d) Monitoring

First agreement for the National Monitoring Programme of Egypt was signed in 1986. Since then (with the exception of 1988 when agreement was not signed) total financial support for monitoring was: US\$ 275,400.

e) METAP/MED POL Programme

In the frame of the METAP/MED POL Programme, a cooperative programme between the World Bank and the Mediterranean Action Plan, one Atomic Absorption Spectrophotometer was purchased and is being delivered to Egypt. Value of this AAS is about US\$ 35,000.

f) Missions of MED POL experts to Egypt

Since 1987 were organized six extended missions of specialists to Egypt (total of 74 person/days) and four visits of MED POL maintenance engineer.

g) Total financial support

Total financial support to Egypt since 1982 for training, fellowships, research, monitoring and METAP/MED POL is US\$ 452,171 which is only for direct support without contribution in kind through the participation of UN Agencies.

In his concluding remarks on the overview, Dr L. Jeftic stated that all information presented indicates that a large amount of support to Egyptian institutes was channeled since 1982. MED POL specialists have been giving assurance that there are no technical impediments to the full realization of the national monitoring programme of Egypt. Nevertheless, it has been a disappointing fact that almost no data was received from Egypt concerning monitoring of heavy metals and halogenated hydrocarbons nor have Egyptian institutes participated in the regular intercomparison exercises, despite numerous reminders.

The purpose of this meeting is to find the mechanism to ensure that all the efforts and financial support given to Egypt will result in the full implementation of MED POL Programme in Egypt with sound Data Quality Assurance Programme.

Agenda Item 3 - Programme of activities for 1992

In order to ensure full implementation of the MED POL programme, the plan of action for 1992 was presented by Dr L. Jeftic and after discussion it was adopted as presented below:

- a) Visit of Mr B. Oregoni (Specialist for heavy metals) and Mr J.P. Villeneuve (Specialist for organic pollutants) to participating Egyptian Institutions will be arranged for March 1992. The aim of the visit will be to ensure that all conditions are met for sampling and measurements of samples. During their visit a regular sampling as part of the monitoring programme should be arranged.
- b) Visit of Dr L.J. Saliba (WHO), member of the Mediterranean Co-ordinating Unit and responsible for the monitoring of microbial pollution will visit Egypt in April 1992 and in discussion with relevant officials and scientists will prepare programme of necessary actions of full implementation of the monitoring of microbial pollution.
- c) All Egyptian Laboratories which participate in National Monitoring Programme will take part as of March 1992 in all relevant intercalibration exercises organized by Marine Environment Laboratory, International Atomic Energy Agency, Monaco.

- d) Programme of necessary training should be prepared by end of March 1992. Requests have to be sent to the Mediterranean Co-ordinating Unit by 15 March 1992.
- e) Regular sampling in summer 1992 should be performed in full accordance with the existing monitoring programme.
- f) Submission of monitoring data by end of April 1992 (for samples collected by the end of March 1992), end of September 1992 (for samples collected by the end of July 1992) and by the end of December 1992 (for samples taken by the end of November 1992).

#### Agenda Item 4 - Other matters

No other matters were considered.

#### Agenda Item 5 - Adoption of the report

The report was adopted on 24 February 1992.

#### Agenda Item 6 - Closure of the Meeting

Dr M. Fawzi expressed satisfaction with the outcome of the Meeting and gave assurance that all efforts will be made by the Egyptian Environment Affairs Agency and all participating Egyptian Laboratories that the monitoring programme for 1992 be fully implemented. Dr M. Fawzi thanked Dr L. Jeftic for the continuous support of the Mediterranean Co-ordinating Unit to Egyptian Laboratories participating in MED POL Programme.

Dr L. Jeftic also expressed satisfaction with the results of the Meeting. He also expressed the hope that the plan of action presented above will be fully implemented.

After the customary exchange of courtesies, the Meeting was declared closed by Dr M. Fawzi on 24 February at 14.00 hours.

## ANNEX I

### LIST OF PARTICIPANTS

**Mr Ibrahim Dharat**

Senior Programme Officer  
Co-ordinating Unit for the Mediterranean  
Action Plan  
48 Vassileos Konstantinou  
11635 Athens  
Greece

Tel: 30 1 7244536/9, 7218246  
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Tlx: 222564, 222611 MEDU GR

**Dr Ali Ibrahim El-Beltagy**

Head  
Marine Chemistry Department  
National Institute of Oceanography and Fisheries  
Kayet Bey  
Alexandria  
Egypt

Tel: 20 3 801553, 801173, 801499  
Tlx: 91-93069 ASRP UNI

**Prof. Mohamed El-Raey**

Vice-Dean  
Institute of Graduate Studies and Research  
University of Alexandria  
c/o UNARC P.O. Box 832  
Alexandria  
Egypt

Tel: 20 3 4225007  
Tlx: 91-54467 UNIVY UN

**Dr Abdel Aziz El-Shafie**

Director  
Center of Environmental Health  
and Occupational Health  
Imbaba  
Egypt

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**Dr Mohamed Fawzi**  
Water and Coastal Areas Protection  
Egyptian Environmental Affairs Agency (EEAA)  
Cabinet of Ministers  
11, Hassan Sabry Street  
Zamalek  
Cairo  
Egypt

Tel: 20 2 3420768, 3416019  
Fax: 20 2 3420768  
Tlx: 91-93794 WAZRA UN

**Mr Salah Hafez**  
National Co-ordinator for MED POL  
Chairman  
Egyptian Environmental Affairs Agency (EEAA)  
Cabinet of Ministers  
11, Hassan Sabry Street  
Zamalek  
Cairo  
Egypt

Tel: 20 2 3411323, 34116546, 3403809, 3420768, 3416546, 3416019  
Fax: 20 2 3420768  
Tlx: 91-93794 WAZRA UN

**Dr L. Jeftic**  
Senior Marine Scientist  
Co-ordinating Unit for the Mediterranean  
Action Plan  
48 Vassileos Konstantinou  
11635 Athens  
Greece

Tel: 30 1 7244536/9, 7218246  
Fax: 30 1 7291160  
Tlx: 222564, 222611 MEDU GR

**Dr Abd-el-Ghany Khalil**  
Department of Oceanography  
Faculty of Science  
University of Alexandria  
Moharram Bey  
Alexandria 21511  
Egypt

Tel: 20 3  
Tlx: 91-541800 COMLX UN

## **ANNEX II**

### **AGENDA**

1. Opening of the Meeting
2. Overview of the participation of Egypt in the MED POL Programme of the Mediterranean Action Plan
3. Programme of activities for 1992
4. Other matters
5. Adoption of the report
6. Closure of the Meeting





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EL-NAGGAR, M. BUDGET- Line : 84 3101  
 (Egypt) - Year : 1987 Amount (USD): 1,458  
 National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
 Institute of Oceanography and Fisheries  
 DETERMINATION OF PETROLEUM HYDROCARBONS (54)  
 International Laboratory of Marine Radioactivity IAEA (ILMR) - , Monaco-Ville,  
 Principality of Monaco, 01/02/88 to 12/02/88

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EL-SARRAF, W. M. BUDGET- Line : 81 3208  
 (Egypt) - Year : 1988 Amount (USD): 936  
 National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
 Institute of Oceanography and Fisheries  
 WHO/UNEP 1ST TRAINING COURSE AND INTERCALIBRATION EXERCISE ON MICROBIOLOGICAL  
 METHODOLOGY (38)  
 Environmental Pollution Control Project (PERPA) - Ministry of Environment,  
 Athens, Greece, 09/05/88 to 14/05/88

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LEGOVIC, T. BUDGET- Line : 84 3101  
 (Egypt) - Year : 1987 Amount (USD): 5,038  
 National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
 Institute of Oceanography and Fisheries  
 TRAINING ON DATA ANALYSIS AND MODELLING (61)  
 National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
 Institute of Oceanography and Fisheries, Alexandria, Egypt, 13/02/88 to  
 03/03/88  
 (ASSISTANCE TO EGYPT)

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RAMADAN, S. BUDGET- Line : 81 3210  
 (Egypt) - Year : 1988 Amount (USD): 1,200  
 National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
 Institute of Oceanography and Fisheries  
 FAO/IOC/UNEP TRAINING WORKSHOP ON THE STATISTICAL TREATMENT AND INTERPRETATION  
 OF MARINE COMMUNITY DATA (63)  
 Marine Biological Station - Edvard Kardelj University (University of  
 Ljubljana), Piran, Yugoslavia, 12/06/88 to 14/06/88

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TAYEL, F. T. BUDGET- Line : 84 3101  
 (Egypt) - Year : 1988 Amount (USD): 1,428  
 National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
 Institute of Oceanography and Fisheries  
 DETERMINATION OF HALOGENATED HYDROCARBONS IN MARINE ORGANISMS (6)  
 International Laboratory of Marine Radioactivity IAEA (ILMR) - , Monaco-Ville,  
 Principality of Monaco, 14/03/88 to 01/04/88

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EMARA, H. BUDGET- Line : 84 2102  
 (Egypt) - Year : 1989 Amount (USD): 2,047  
 National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
 Institute of Oceanography and Fisheries  
 TRAINING ON PETROLEUM HYDROCARBONS (57)  
 International Laboratory of Marine Radioactivity IAEA (ILMR) - , Monaco-Ville,  
 Principality of Monaco, 11/09/89 to 29/09/89

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FAWZI, M. A. BUDGET- Line : 84 3101  
 (Egypt) - Year : 1989 Amount (USD): 315  
 Egyptian Environmental Affairs Agency (EEAA) -  
 DISCUSSIONS ON THE MONITORING PROGRAMME (76)  
 United Nations Environment Programme, Mediterranean Action Plan - United  
 Nations Environment Programme, Athens, Greece, 09/02/89 to 10/02/89

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SALEM ATTIA, A. BUDGET- Line : 75 2106  
 (Egypt) - Year : 1989 Amount (USD): 900  
 Egyptian Environmental Affairs Agency (EEAA) -  
 FAO/UNEP INTENSIVE TRN. COURSE ON THE APPLICATION OF TOXICITY TESTS IN  
 ASSESSING MARINE CONTAMINATION HAZARDS IN THE MED (67)  
 Euro-Mediterranean Centre on Marine Contamination Hazards (Council of Europe) -  
 Foundation for International Studies, Valletta, Malta, 04/09/89 to 15/09/89

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SHAKER, A. BUDGET- Line : 84 3101  
(Egypt) - Year : 1989 Amount (USD): 678  
Environmental and Occupational Health Centre - Ministry of Health  
DISCUSSIONS ON THE MONITORING PROGRAMME (76)  
United Nations Environment Programme, Mediterranean Action Plan - United  
Nations Environment Programme, Athens, Greece, 09/02/89 to 10/02/89

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ABOUL-DAHAB, O. BUDGET- Line : 00 2120 3204  
(Egypt) - Year : 1990 Amount (USD): 3,374  
Faculty of Science, Department of Oceanography - University of Alexandria  
IAEA INTERCALIBRATION AND TRAINING WORKSHOP ON THE DETERMINATION OF ORGANOTIN  
COMPOUNDS (93)  
International Laboratory of Marine Radioactivity IAEA (ILMR) - , Monaco-Ville,  
Principality of Monaco, 17/04/90 to 21/04/90

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ABOUL-KASSIM, T. BUDGET- Line : 00 3204  
(Egypt) - Year : 1990 Amount (USD): 1,262  
Faculty of Science, Department of Oceanography - University of Alexandria  
1990 SUMMER SCHOOL ON ENVIRONMENTAL DYNAMICS "TRANSPORT PROCESSES AND THE  
HYDROLOGICAL CYCLE" (48)  
Istituto Veneto dei Scienze, Lettere ed Arti - , Venice (Venezia), Italy,  
28/05/90 to 08/06/90

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ALLAM, M. M. BUDGET- Line : 00 2113 3201  
(Egypt) - Year : 1990 Amount (USD): 810  
Egyptian Environmental Affairs Agency (EEAA) -  
WHO/UNEP THIRD TRAINING COURSE AND INTERCALIBRATION EXERCISE IN MICROBIOLOGICAL  
METHODOLOGY FOR MARINE POLLUTION MONITOR. (94)  
University of Malta - , Msida, Malta, 03/09/90 to 08/09/90

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EL-SHAFIE, A. A. BUDGET- Line : 00 2113 3201  
(Egypt) - Year : 1990 Amount (USD): 810  
Environmental and Occupational Health Centre - Ministry of Health  
WHO/UNEP THIRD TRAINING COURSE AND INTERCALIBRATION EXERCISE IN MICROBIOLOGICAL  
METHODOLOGY FOR MARINE POLLUTION MONITOR. (94)  
University of Malta - , Msida, Malta, 03/09/90 to 08/09/90

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KAMEL, M.S. BUDGET- Line : 00 2117 3212  
(Egypt) - Year : 1990 Amount (USD): 1,116  
Marine Nature Division Sciences of Seas Institute -  
IOC/UNEP TRAINING WORKSHOP ON ANALYSIS OF PHYSICAL OCEANOGRAPHIC DATA AND TIME  
SERIES (99)  
United Nations Environment Programme, Mediterranean Action Plan - United  
Nations Environment Programme, Athens, Greece, 11/12/90 to 15/12/90

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ABDALLAH, A.M.A. BUDGET- Line : 00 2136 3101  
(Egypt) - Year : 1991 Amount (USD): 2,740  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
PRACTICAL TRAINING COURSE ON PETROLEUM HYDROCARBONS ANALYSIS (104)  
International Laboratory of Marine Radioactivity IAEA (ILMR) - , Monaco-Ville,  
Principality of Monaco, 09/09/91 to 27/09/91  
(METAP)

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EL DIN, H.M.G. BUDGET- Line : 00 2113 3201  
(Egypt) - Year : 1991 Amount (USD): 1,700  
Administration of Hygiene - Ministry of Health  
WHO/UNEP FOURTH TRAINING COURSE AND INTERCALIBRATION EXERCISE ON  
MICROBIOLOGICAL METHODS FOR MARINE POLLUTION MONITORING (109)  
Rabat, Morocco, 21/10/91 to 26/10/91

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EL-MALAH, S.H. BUDGET- Line : 00 2136 3101  
(Egypt) - Year : 1991 Amount (USD): 973  
Environment Monitoring Centre -  
TRAINING COURSE ON HEAVY METALS (97)  
International Laboratory of Marine Radioactivity IAEA (ILMR) - , Monaco-Ville,  
Principality of Monaco, 20/02/91 to 06/03/91

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FELLOWSHIPS

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EGYPT  
(1982 - 1991)

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EL-SAMRA, M. I. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 650  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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EL-SHARKAWI, F. M. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 650  
High Institute of Public Health, Environmental Health Department - University  
of Alexandria  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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EL-SHARKAWI, F. M. BUDGET- Line : 81 3200  
(Egypt) - Year : 1981 Amount (USD): 1,200  
High Institute of Public Health, Environmental Health Department - University  
of Alexandria  
WHO/UNEP CONSULTATION MEETING ON METHODS FOR MONITORING SELECTED POLLUTANTS IN  
SEWAGE EFFLUENTS & COASTAL RECREAT.WATERS (95)  
Rome (Roma), Italy, 24/11/82 to 26/11/82  
(FROM 1981 ALLOC.)

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EL-SOKKARY, I. H. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 650  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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KALIM, Y. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 650  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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MOUSSA, A. A. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 650  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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SALEH, H. H. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 650  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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SULTAN, H. A. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 650  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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WAHBY, S. D. BUDGET- Line : 75 3206  
(Egypt) - Year : 1982 Amount (USD): 500  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
VI ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (17)  
Cannes, France, 02/12/82 to 04/12/82

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DOWIDAR, N. BUDGET- Line : 75 3202  
(Egypt) - Year : 1983 Amount (USD): 347  
Faculty of Science, Department of Oceanography - University of Alexandria  
UNEP WORKING GROUP ON THE BLOOMS OF JELLYFISH IN THE MEDITERRANEAN (54)  
Athens, Greece, 31/10/83 to 04/11/83

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EL-SHARKAWI, F. M. BUDGET- Line : OC OCA  
(Egypt) - Year : 1982 Amount (USD): -  
High Institute of Public Health, Environmental Health Department - University  
of Alexandria  
IMO/FAO/UNESCO/WMO/IAEA/UN/UNEP JOINT GROUP OF EXPERTS ON THE SCIENTIFIC  
ASPECTS OF MARINE POLL.(GESAMP) AND WORKING GR. (40)  
High Institute of Public Health, Environmental Health Department - University  
of Alexandria, Athens, Egypt, 01/01/81 to 01/01/83

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ABDALLAH, R. R. BUDGET- Line : 84 3203  
(Egypt) - Year : 1984 Amount (USD): 330  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
VII ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (18)  
Lucerne, Switzerland, 11/10/84 to 13/10/84

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ABOUL-DAHAB, O. BUDGET- Line : 81 3202  
(Egypt) - Year : 1984 Amount (USD): 950  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
FAO/UNEP/WHO/IOC/IAEA MEETING ON THE BIOGEOCHEMICAL CYCLE OF MERCURY IN THE  
MEDITERRANEAN (7)  
Siena, Italy, 27/08/84 to 31/08/84

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ABOUL-DAHAB, O. BUDGET- Line : 84 3203  
(Egypt) - Year : 1984 Amount (USD): 330  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
VII ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (18)  
Lucerne, Switzerland, 11/10/84 to 13/10/84

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ABOUL-DAHAB, O. BUDGET- Line : 81 3204  
(Egypt) - Year : 1984 Amount (USD): 1,577  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
WHO/FAO/UNEP CONSULTATION MEETING ON BIOLOGICAL MONITORING OF METHYLMERCURY IN  
MEDITERRANEAN POPULATIONS (70)  
Zagreb, Yugoslavia, 17/09/84 to 21/09/84

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DOWIDAR, N. BUDGET- Line : 84 3203  
(Egypt) - Year : 1984 Amount (USD): 330  
Faculty of Science, Department of Oceanography - University of Alexandria  
VII ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (18)  
Lucerne, Switzerland, 11/10/84 to 13/10/84

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EL SEBAE, A. H. BUDGET- Line : 81 3203  
(Egypt) - Year : 1984 Amount (USD): 850  
Faculty of Science, Department of Oceanography - University of Alexandria  
FAO/UNEP MEETING ON THE TOXICITY AND BIOACCUMULATION OF SELECTED SUBSTANCES IN  
MARINE ORGANISMS (104)  
Rovinj, Yugoslavia, 05/11/84 to 09/11/84

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EL-GINDY, A. A. BUDGET- Line : 84 3203  
(Egypt) - Year : 1984 Amount (USD): 330  
Faculty of Science, Department of Oceanography - University of Alexandria  
VII ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (18)  
Lucerne, Switzerland, 11/10/84 to 13/10/84

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EL-RAYIS, O. A. BUDGET- Line : 84 3203  
(Egypt) - Year : 1984 Amount (USD): 330  
Faculty of Science, Department of Oceanography - University of Alexandria  
VII ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (18)  
Lucerne, Switzerland, 11/10/84 to 13/10/84

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SALEH, H. H. BUDGET- Line : 81 3203  
(Egypt) - Year : 1985 Amount (USD): 900  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
FAO MEETING ON THE EFFECTS OF POLLUTION ON MARINE ECOSYSTEMS (29)  
Blanes, Spain, 07/10/85 to 11/10/85

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ABOUL-DAHAB, O. BUDGET- Line : 84 3203  
(Egypt) - Year : 1986 Amount (USD): 1,295  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
VIII ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (19)  
Palma de Mallorca (Mallorca), Spain, 20/10/86 to 22/10/86

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EL SHAFEI, A. A. BUDGET- Line : 81 3202  
(Egypt) - Year : 1986 Amount (USD): 840  
Toxicology Department - Ministry of Health  
WHO/FAO/UNEP MEETING ON HEALTH EFFECTS OF METHYLMERCURY IN THE MEDITERRANEAN  
AREA (71)  
Athens, Greece, 15/09/86 to 19/09/86

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EL-SOKKARY, I. H. BUDGET- Line : 81 3201  
(Egypt) - Year : 1986 Amount (USD): 1,554  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
WORKSHOP ON REVISION OF REFERENCE METHODS (94)  
Monaco-Ville, Principality of Monaco, 03/11/86 to 05/11/86

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MACKLAD, M. F. BUDGET- Line : 84 3203  
(Egypt) - Year : 1986 Amount (USD): 1,295  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
VIII ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (19)  
Palma de Mallorca (Mallorca), Spain, 20/10/86 to 22/10/86

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BADAWI, H. K. BUDGET- Line : 81 3201  
(Egypt) - Year : 1987 Amount (USD): 1,325  
National Institute of Oceanography and Fisheries -  
WHO/UNEP CONSULTATION MEETING ON MONITORING OF LAND-BASED SOURCES OF MARINE  
POLLUTION IN THE MEDITERRANEAN (57)  
Split, Yugoslavia, 01/12/87 to 05/12/87

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EL-HALWAGI BUDGET- Line : 84 3102  
(Egypt) - Year : 1988 Amount (USD): 1,466  
Laboratory of Natural Research Centre of Egypt - Natural Research Centre of  
Egypt  
INTERNATIONAL SYMPOSIUM ON PROTECTION MARINE ENVIRONMENT FROM URBAN POLLUTION  
WASTE WATER TREATMENT TECHNICAL CO-OP. (74)  
Marseille, France, 04/11/87 to 06/11/87  
(PT8)

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EL-SHARKAWI, F. M. BUDGET- Line : 81 3202  
(Egypt) - Year : 1987 Amount (USD): 771  
High Institute of Public Health, Environmental Health Department - University  
of Alexandria  
WHO/UNEP CONSULTATION MEETING ON MICROBIAL POLLUTION OF MEDITERRANEAN COASTAL  
AREAS AND ASSOCIATED HEALTH EFFECTS (61)  
Athens, Greece, 22/09/87 to 26/09/87

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HAGUIB, A. I. BUDGET- Line : 81 2104  
(Egypt) - Year : 1987 Amount (USD): 554  
Academy of Scientific Research and Technology -  
WHO/UNEP MEETING ON ENVIRONMENTAL QUALITY CRITERIA FOR SHELLFISH-GROWING WATERS  
AND SHELLFISH IN THE MEDITERRANEAN (88)  
Athens, Greece, 26/03/87 to 27/03/87

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EL-SHARKAWI, F. M. BUDGET- Line : 01 OWN  
(Egypt) - Year : 1989 Amount (USD): -  
High Institute of Public Health, Environmental Health Department - University  
of Alexandria  
WHO/UNEP CONSULT.MEETING ON PROGRAMMES AND MEASURES FOR PROTECTION OF THE MED.  
SEA AGAINST POLLUTION FROM LBS SOURCES (58)  
Alexandria, Egypt, 05/11/89 to 09/11/89

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SAAD KHAMIS, K. BUDGET- Line : 01 OWN  
(Egypt) - Year : 1989 Amount (USD): -  
Alexandria Sewage Authorities -  
WHO/UNEP CONSULT.MEETING ON PROGRAMMES AND MEASURES FOR PROTECTION OF THE MED.  
SEA AGAINST POLLUTION FROM LBS SOURCES (58)  
Alexandria, Egypt, 05/11/89 to 09/11/89

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SAID, M. A. BUDGET- Line : 81 3211  
(Egypt) - Year : 1988 Amount (USD): 1,095  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
IOC/UNEP REVIEW MEETING ON OCEANOGRAPHIC PROCESSES OF TRANSPORT AND  
DISTRIBUTION OF POLLUTANTS IN THE SEA (108)  
Zagreb, Yugoslavia, 15/05/89 to 18/05/89

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SHAKER, A. T. BUDGET- Line : 81 3204  
(Egypt) - Year : 1989 Amount (USD): 1,502  
Environmental and Occupational Health Centre - Ministry of Health  
WHO/UNEP CONSULTATION MEETING ON MICROBIOLOGICAL POLLUTION OF THE MEDITERRANEAN  
SEA (75)  
Valletta, Malta, 13/12/89 to 16/12/89

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ABDEL-MOATI, A. R. BUDGET- Line : 00 3205  
(Egypt) - Year : 1990 Amount (USD): 1,266  
Faculty of Science, Department of Oceanography - University of Alexandria  
X ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (128)  
Perpignan, France, 15/10/90 to 19/10/90

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ABDEL-MOATI, A. R. BUDGET- Line : 00 2138  
(Egypt) - Year : 1990 Amount (USD): 489  
Faculty of Science, Department of Oceanography - University of Alexandria  
X ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (128)  
Perpignan, France, 15/10/90 to 19/10/90

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AWAD, H. BUDGET- Line : 00 3205  
(Egypt) - Year : 1990 Amount (USD): 1,330  
Faculty of Science, Department of Oceanography - University of Alexandria  
X ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (128)  
Perpignan, France, 15/10/90 to 19/10/90

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AWAD, H. BUDGET- Line : 00 2138  
(Egypt) - Year : 1990 Amount (USD): 489  
Faculty of Science, Department of Oceanography - University of Alexandria  
X ICSEM/IOC/UNEP WORKSHOP ON MARINE POLLUTION OF THE MEDITERRANEAN (128)  
Perpignan, France, 15/10/90 to 19/10/90

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HALIM, Y. BUDGET- Line : 84 3102  
(Egypt) - Year : 1990 Amount (USD): 870  
University of Alexandria Research Centre (UNARC) - University of Alexandria  
CONSULTATION ON ICSEM WORKSHOP (119)  
Athens, Greece, 27/02/90 to 28/02/90

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SAAD, G. BUDGET- Line : 81 2101  
(Egypt) - Year : 1987 Amount (USD): 1,030  
High Institute of Public Health, Environmental Health Department - University  
of Alexandria  
WHO/UNEP CONSULTATION MEETING ON GUIDELINES FOR MONITORING LAND-BASED SOURCES  
OF MARINE POLLUTION (131)  
Istanbul, Turkey, 27/09/90 to 29/09/90

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SAAD, M. BUDGET- Line : 00 3205  
(Egypt) - Year : 1990 Amount (USD): 953  
Faculty of Science, Department of Oceanography - University of Alexandria  
INTERNATIONAL CONFERENCE ON MARINE COASTAL EUTROPHICATION (117)  
Bologna, Italy, 21/03/90 to 24/03/90

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TAREK, A. K. BUDGET- Line : 00 3205  
(Egypt) - Year : 1990 Amount (USD): 1,019  
Faculty of Science, Department of Oceanography - University of Alexandria  
INTERNATIONAL CONFERENCE ON MARINE COASTAL EUTROPHICATION (117)  
Bologna, Italy, 21/03/90 to 24/03/90

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ABDEL-MOATI, M. BUDGET- Line : 00 3205  
(Egypt) - Year : 1991 Amount (USD): 2,464  
Faculty of Science, Department of Oceanography - University of Alexandria  
GEOPHYSICAL HAZARDS IN DEVELOPING COUNTRIES AND THEIR ENVIRONMENTAL IMPACTS  
(HAZARDS'91) (140)  
Italy, 04/08/91 to 09/08/91

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ABDEL-MOATI, M. BUDGET- Line : 00 2101 3203  
(Egypt) - Year : 1991 Amount (USD): 1,032  
Faculty of Science, Department of Oceanography - University of Alexandria  
FAO/UNEP/IOC WORKSHOP ON THE BIOLOGICAL EFFECTS OF POLLUTANTS ON MARINE  
ORGANISMS (142)  
Valletta, Malta, 10/09/91 to 14/09/91

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EL-KOMI, M. BUDGET- Line : 00 2101 3203  
(Egypt) - Year : 1991 Amount (USD): 1,032  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
FAO/UNEP/IOC WORKSHOP ON THE BIOLOGICAL EFFECTS OF POLLUTANTS ON MARINE  
ORGANISMS (142)  
Valletta, Malta, 10/09/91 to 14/09/91

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NASR, S. BUDGET- Line : 00 3205  
(Egypt) - Year : 1991 Amount (USD): 1,522  
Institute of Graduate Studies and Research -  
INTERNATIONAL ASSOCIATION FOR THE PHYSICAL SCIENCES OF THE OCEAN (IAPSO)  
ASSEMBLY (139)  
Vienna, Austria, 11/08/91 to 24/08/91

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SIDKEY, D.M. BUDGET- Line : HI HOST  
(Egypt) - Year : 1991 Amount (USD): -  
National Institute of Oceanography and Fisheries (Alexandria Branch) - National  
Institute of Oceanography and Fisheries  
FAO/UNEP/IOC WORKSHOP ON THE BIOLOGICAL EFFECTS OF POLLUTANTS ON MARINE  
ORGANISMS (142)  
Valletta, Malta, 10/09/91 to 14/09/91

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RESEARCH PROPOSALS  
EGYPT  
(1982 - 1992)

FAO	EGY-1	-h	SULTAN, H. A.	1983: Withdrawn
EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS				
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
FAO	EGY-2	-g	WAHBY, S. D.	1983: Withdrawn
RESEARCH ON THE TOXICITY, PERSISTANCE, TRANSFER AND ACCUMULATION OF PETROLEUM HYDROCARBONS, MERCURY, CADMIUM AND LEAD IN THE NEARSHORE WATER OFF ALEXANDRIA				
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
WHO	EGY-3	-k	EL-SHARKAWI, F.	1983: 10000
BIOGEOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS. SURVIVAL OF PATHOGENS IN THE MEDITERRANEAN				1984: 5000
				1985: Nil
				1986: Completed
High Institute of Public Health, Environmental Health Department - University of Alexandria, Alexandria, Egypt				Total (USD): 15000
FAO	EGY-4	-g	EL-SEBAE, A. H.	1982: 4000
ACUTE AND CHRONIC TOXICITY TO MARINE BIOTA OF WIDELY USED DISPERSANTS, PCBS, CHLORINATED PESTICIDES AND THEIR COMBINATIONS, AND THEIR BIOMAGNIFICATION IN ALEXANDRIA REGION				1983: 4000
				1984: 2000
				1985: Completed
Faculty of Agriculture - University of Alexandria, Alexandria, Egypt				Total (USD): 10000
FAO	EGY-5	-i	HALIM, Y.	1983: Withdrawn
POLLUTION INDUCED ECOSYSTEM MODIFICATIONS				
University of Alexandria Research Centre (UNARC) - University of Alexandria, Alexandria, Egypt				
FAO	EGY-6	-a	ELSOKKARY, I. H.	1983: Withdrawn
DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS				
University of Alexandria Research Centre (UNARC) - University of Alexandria, Alexandria, Egypt				
FAO	EGY-7	-k	ELSOKKARY, I. H.	1983: 3000
BIOGEOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS				1984: 3500
				1985: Nil
University of Alexandria Research Centre (UNARC) - University of Alexandria, Alexandria, Egypt				1986: Completed
				Total (USD): 6500
IOC	EGY-8	-l	MACKLAD, M. F.	1984: Nil
POLLUTANT TRANSFER PROCESSES				1985: 4000
				1986: Nil
University of Alexandria Research Centre (UNARC) - University of Alexandria, Alexandria, Egypt				1987: Nil
				1988: Completed
				Total (USD): 4000
FAO	EGY-9	-a	MACKLAD, M. F.	1983: 700
DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS				1984: Completed
University of Alexandria Research Centre (UNARC) - University of Alexandria, Alexandria, Egypt				Total (USD): 700
WHO	EGY-10	-c	EL-SHARKAWI, F.	1986: Undecided
FORMULATION OF SCIENTIFIC RATIONALE FOR MEDITERRANEAN ENVIRONMENTAL QUALITY CRITERIA				1987: Withdrawn
High Institute of Public Health, Environmental Health Department - University of Alexandria, Alexandria, Egypt				

WHO	EGY-11	-e	EL-SHARKAWI, F.	1986: Undecided
DEVELOPMENT OF PROPOSALS FOR GUIDELINES AND CRITERIA GOVERNING THE APPLICATION OF THE LAND-BASED SOURCES PROTOCOL				1987: Withdrawn
High Institute of Public Health, Environmental Health Department - University of Alexandria, Alexandria, Egypt				
IOC	EGY-12	-f	SAID, M. A.	1988: 4000
MODELLING OF CIRCULATION PROCESSES IN THE EGYPTIAN MEDITERRANEAN SHELF WATER OFF ALEXANDRIA COAST, AND THEIR INFLUENCE ON THE TRANSPORT OF POLLUTANTS IN THE NEAR-SHORE AREA				1989: Completed
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
				Total (USD): 4000
FAO	EGY-13	-g	ABDALLA, R. R.	1988: Withdrawn
EFFECT OF LAND DRAINAGE AND INDUSTRIAL WASTES ON ALGAE IN ABU QIR AND MEX BAYS				
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
FAO	EGY-14	-g	SALEH, H. H.	1988: Not accepted
RESEARCH ON THE TOXICITY, PERSISTENCE, BIOACCUMULATION, CARCINOGENICITY AND MUTAGENICITY				
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
FAO	EGY-15	-g	SOLIMAN, S. A.	1988: Withdrawn
BIOCONCENTRATION OF ORGANIC AND INORGANIC POLLUTANTS IN THE MEDITERRANEAN SEA BY DIFFERENT AQUATIC ORGANISMS				
Faculty of Agriculture - University of Alexandria, Alexandria, Egypt				
IAEA	EGY-16	-l	MOUSSA, A. A.	1988: Undecided
GEOCHEMICAL INTERACTION BETWEEN WASTE MATERIALS AND MARINE ENVIRONMENT				1989: Undecided
				1990: Undecided
				1991: Undecided
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
WHO	EGY-17	-d	NESSIM, R. B.	1988: Undecided
WATER QUALITY OF ALEXANDRIA SWIMMING BEACHES				1989: Not accepted
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
IOC	EGY-18	-f	KARAM, A. M.	1989: Withdrawn
INVESTIGATION OF THE SURFACE CURRENT REGIME AND THE VERTICAL FINESTRUCTURE IN ABU QIR BAY				
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
IOC	EGY-19	-f	MAIYZA, I. A.	1989: Withdrawn
THE EFFECT OF OCEANOGRAPHIC AND METEOROLOGICAL FACTORS ON THE TRANSPORT OF POLLUTANTS IN THE ARAB'S GULF OF EGYPT				
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
FAO	EGY-20	-g	TAYEL, F. T.	1989: 3000
EFFECT OF POLLUTION BY HYDROGEN SULFIDES ON THE HYDROBIONS IN BOTH ABU QIR BAY AND WESTERN HARBOUR				1990: 4000
				1991: 3000
				1992: Completed
National Institute of Oceanography and Fisheries (Alexandria Branch) - National Institute of Oceanography and Fisheries, Alexandria, Egypt				
				Total (USD): 10000

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IAEA EGY-21 -a SHRIADAH, M. M. 1989: Not accepted  
DEVELOPMENT OF A NEW METHOD FOR THE DETERMINATION OF TRACE METALS FOR  
MONITORING OF MARINE POLLUTANTS

National Institute of Oceanography and Fisheries (Alexandria Branch) -  
National Institute of Oceanography and Fisheries, Alexandria, Egypt

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FAO EGY-22 -III ABOUL EZZ, S.M. 1992: Undecided  
EFFECT OF SEWAGE POLLUTION ON MARINE PLANKTON IN THE EASTERN  
MEDITERRANEAN (EGYPT)

National Institute of Oceanography and Fisheries (Alexandria Branch) -  
National Institute of Oceanography and Fisheries, Alexandria, Egypt

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FAO EGY-23 -III EL-KOMI, M.M. 1992: Undecided  
"ECOTOXICOLOGICAL TESTING WITH COMMON FOULING SPECIES"

National Institute of Oceanography and Fisheries (Alexandria Branch) -  
National Institute of Oceanography and Fisheries, Alexandria, Egypt

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FAO EGY-24 -III SHRIADAH, M.M. 1992: Undecided  
THE CORRELATION BETWEEN HEAVY METAL LEVELS AND ITS TOXICITY ON MARINE  
LIFE OF MEDITERRANEAN SEA.

National Institute of Oceanography and Fisheries (Alexandria Branch) -  
National Institute of Oceanography and Fisheries, Alexandria, Egypt

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