

WORKSHOP

“ANALYSIS AND SAMPLING OF WATER AND WATER POLLUTION”

Cairo House
Cairo, 11-15 June 2006

First Day (11st June)

9,30 Opening of the Workshop

EEAA and RBO Responsibles/Experts

APAT and MATT Experts

Tour de table

Presentations of each APAT and EEAA Experts with short details on their activities

Presentation of the Workshop

Mr. Emam Hussein EEAA

Mr. Gaetano Battistella APAT

1. WATER POLLUTION AND ENVIRONMENTAL IMPACTS

1. Brainstorming (based on experiences)

- Adoption of conceptual models to integrate data about water quality, in order to elaborate reports;
- Environmental training of experts to use these models;
- Environmental studies of industrial areas with high population density;

EEAA Experts/RBO Experts

APAT Experts (Mr. De Maio, Mrs. Farrace, Mr. Battistella)

12,30 High Tea

2. Brainstorming (based on experiences)

- Elaboration of guidelines regarding how to respect the national and international law about water (marine, lakes, underground, etc.); (Corsin
- Development of planning systems to assess the water monitoring system;

EEAA Experts/RBO Experts

APAT Experts (Mr. De Maio, Mrs. Farrace, Mr. Battistella)

3. EEAA/APAT comments

15,30 Ordinary Break

4. Working group N. 1

Design and check an example of a conceptual model in order to achieve the purposes of the laws about water

EEAA Experts/RBO Experts

APAT Experts (Mr. De Maio, Mrs. Farrace, Mr. Battistella)

17,30 Closing of the works

Second Day (12nd June)

9,30 Opening of the works

5. Presentation of results of Working group N. 1

EEAA Experts/RBO Experts

6. Conclusion

EEAA Experts/RBO Experts

APAT Experts (Mr. De Maio, Mrs. Farrace, Mr. Battistella)

2. WATER TREATMENTS

1. Brainstorming (based on experiences)

- Adoption of oil indicators and environmental training (tankers, platforms, treatment systems, Ecoports)

EEAA Experts

APAT Experts (Mr. De Maio, Ms. Farrace, Mr. Battistella)

12,30 High Tea

2. Brainstorming (based on experiences)

- Optimization of sustainable use of water, including desalination technology

EEAA Experts/RBO Experts

APAT Experts (Mr. De Maio, Ms. Farrace, Mr. Battistella)

3. EEAA/APAT comments

15,30 Ordinary Break

4. Working group N. 2

Design a draft of Guidelines for wastewater environmental monitoring in seas

EEAA Experts/RBO Experts

APAT Experts (Mr. De Maio, Mrs. Farrace, Mr. Battistella)

17,30 Closing of the works

Third Day (13rd June)

9,30 Opening of the works

5. Presentation of results of Working group N. 2

EEAA Experts/RBO Experts

6. Conclusion

EEAA Experts/RBO Experts

APAT Experts (Mr. Corsini, De Maio, Mr. Battistella)

3. INTEGRATED COASTAL ZONES MANAGEMENT

1. Brainstorming (based on experiences)

- Reports about maritime meteorological conditions;
- Application of system of costal impact analysis;

EEAA Experts/RBO Experts

APAT Experts (Mr. Corsini, Mr. Battistella)

12,30 High Tea

2. Brainstorming (based on experiences)

- Wave dynamics (direction, frequency, height);
- Water discharges to the sea.
- Fisheries and aquaculture statistics;

EEAA Experts/RBO Experts

APAT Experts (Mr. Corsini, Mr. Battistella)

3. EEAA/APAT comments

15,30 Ordinary Break

4. Working group N. 3

Define a system for coastal zones monitoring network

EEAA Experts/RBO Experts

APAT Experts (Mr. Corsini, Mr. Battistella)

17,30. Closing of the works

Fourth Day (14th June)

9,30 Opening of the works

5. Presentation of results of Working group N. 3

EEAA Experts/RBO Experts

6. Conclusion

EEAA Experts/RBO Experts

APAT Experts (Mr. Corsini, Ms. Calabretta, Mr. Battistella)

4. WATER POLLUTANTS ANALYSIS AND CONTROL

1. Brainstorming (based on experiences)

- The modern technology for water analysis (Chemical and Microbiological)

EEAA Experts/RBO Experts

APAT Experts (Mr. Corsini, Mrs. Calabretta, Mr. Battistella)

12,30 High Tea

2. Brainstorming (based on experiences)

- Environmental sampling (water)
- General principles on equipment used for environmental analysis (ICP-MS, AAS, IC, GC-MS, HPLC, microbiological tests)

EEAA Experts/RBO Experts

APAT Experts (Mrs. Calabretta, Mr. Battistella)

3. EEAA/APAT comments

15,30 Ordinary Break

4. Working group N. 4

Define applicable criteria for water pollutants concentrated on microbiological sampling, analysis and control

EEAA Experts/RBO Experts

APAT Experts (Mrs. Calabretta, Mr. Battistella)

17,30 Closing of the works

Fifth Day (15th June)

9,30 Opening of the works

5. Presentation of results of Working group N. 4

EEAA Experts/RBO Experts

6. Conclusion

EEAA Experts/RBO Experts

APAT Experts (Mrs. Calabretta, Mr. Battistella)

5. ENVIRONMENTAL ANALYTICAL METHODS (SOIL) INCLUDING ELEMENTAL ANALYSIS AND ORGANIC CONSTITUENTS

1. Brainstorming (based on experiences)

- Environmental sampling (soil)
- Environmental analytical methods (soil)

EEAA Experts/RBO Experts

APAT Experts (Mrs. Calabretta, Mr. Battistella)

12,30 High Tea

2. Brainstorming (based on experiences)

- Quality control in the environmental laboratories for accreditation (reference materials, certified reference materials, calibration, control chart, proficiency testing).

EEAA Experts/RBO Experts

APAT Experts (Mrs. Calabretta, Mr. Battistella)

3. EEAA/EEAA comments

15,30 Ordinary Break

4. Working group N. 5

Define a procedure for soil sampling, analysis and control

EEAA Experts/RBO Experts

APAT Experts (Mrs. Calabretta, Mr. Battistella)

5. Presentation of results of Working group N. 5

EEAA Experts/RBO Experts

17,30 Conclusions and closing of the Workshop

During the Workshop will be hold also meetings on General Training Component for the 'General Training Activities Programme' definition and on the Subcomponent 'Environmental awareness' program.