

Presentation of the Workshop

“Coastal Areas Environmental Impacts Assessment and Management”

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APAT

Agency for Environmental Protection and Technical Services

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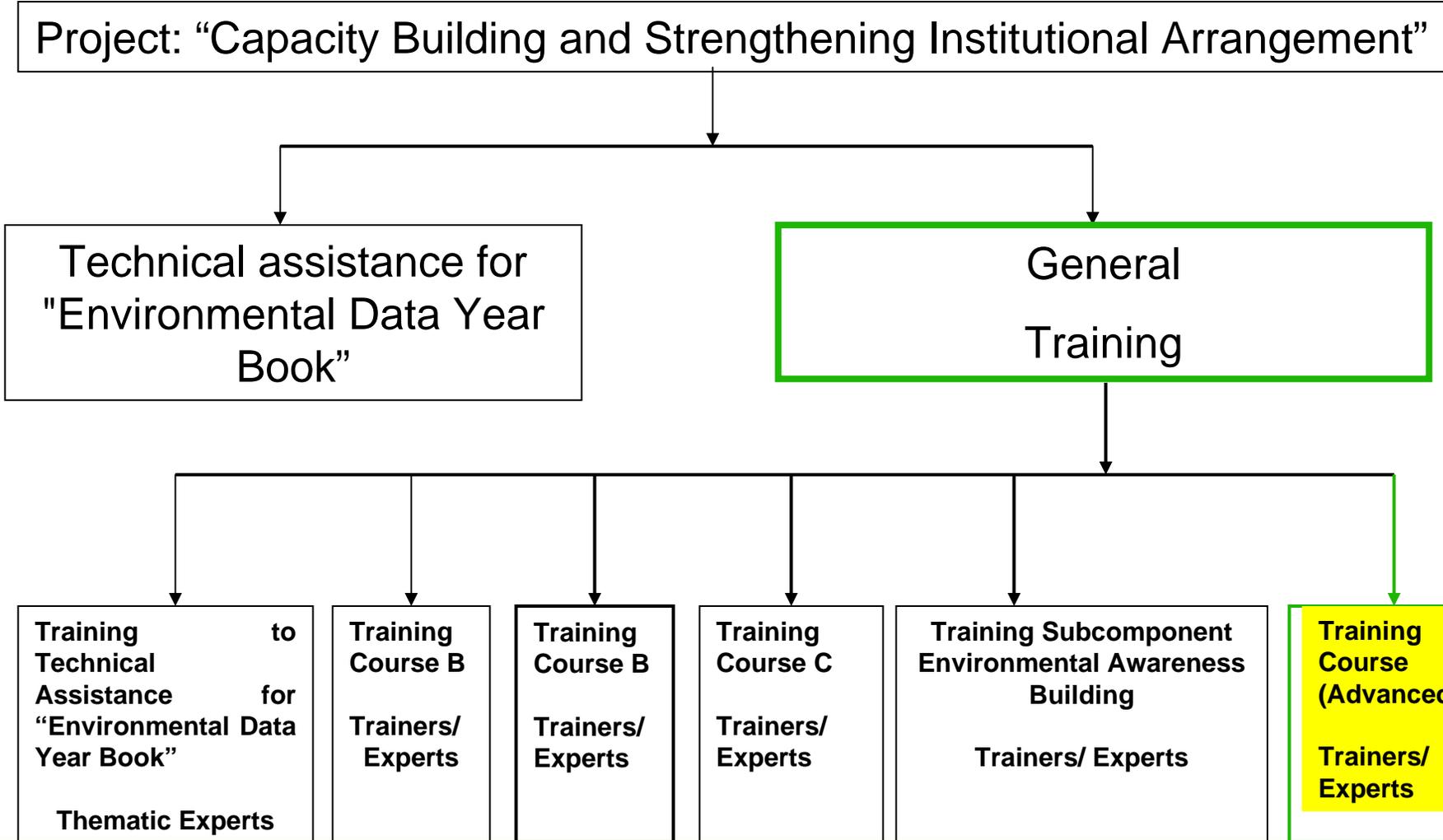
1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (I)

The program “Capacity Building and Strengthening Institutional Arrangement” aims at strengthening the technical and institutional capacity building of Egyptian Environmental Affairs Ministry and other environmental affairs Institutions through sharing technical, scientific and management knowledge and experience in order to develop the required and specific skills.

In this context APAT is working jointly with the Egyptian Ministry for Environmental Affairs:

1. To strengthen the capacity of Egyptian Environmental Affairs Agency (EEAA) to develop the Egyptian Environmental Data Yearbook
2. To develop general training programs in various environmental fields, according to EEAA requirements and indications, and to implement awareness programmes for most feasible areas or sectors of intervention
3. To organise more detailed Workshops (advanced) to analyse in deep some specific items of EEAA interest and supply specialists’ expertises

1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (II)



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (III)

Previous workshops carried out, after the “Kick off meeting”:
Environmental Awareness Building, 3rd – 6th December 2005;



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (IV)

Capacity Building for EEAA Training Departments, 19th – 23rd February 2006;



Capacity Building for EEAA Training Departments (Advanced), April 2nd–6th 2006:



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (VI)

Analysis and sampling of air and air pollution, 14th – 18th May 2006



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (VII)

Analysis and sampling of water and water pollution, 11th – 15th June 2006



1. APAT-EEA Project ‘Capacity building and Strengthening Institutional Arrangement’ (VIII)

Quantitative risk assessment of oil and gas plants, 12th - 16th November 2006



Environmental Impact Assessment (EIA) (for assessors) 10th - 14th
December 2006

Sustainable Development 17th – 22nd February 2007

Best Available Techniques (BAT) 18th - 22th March 2007

Hazardous Substances and Wastes” 20th – 24th May 2007

2. “Coastal Areas Environmental Impacts Assessment and Management”(I)

The Workshop ‘Coastal Areas Environmental Impacts Assessment and Management’ is organized in 6 modules including specific Case Studies and Working Groups, with facilities provided by EEAA and the main goal to share APAT and EEAA previous experiences and technical know-how following EEAA indications and APAT previously experiences in this field.

1st Module: Environmental Impact Assessment (EIA) Methodology of a Coastal Area Project (Portal Areas)

2nd Module: Case Studies on Environmental Impact Assessment of a Port Project

3rd Module: Ports and the Environment

4th Module: Environmental Management Systems (EMS) for Ports’ areas

5th Module: Coastal Areas Management and Monitoring

6th Module: Coastal Modelling

2. “Coastal Areas Environmental Impacts Assessment and Management” (II)

First Module: “Environmental impact assessment (EIA) Methodology of a coastal area project (Portal Areas)”

APAT-EEAA: “Brainstorming” (based on experiences)

- Methodological scheme of the programmatic, planning and environmental stages;

APAT-EEAA: “Brainstorming” (based on experiences)

- Knowledge of environmental state and its characterization through the description of environmental elements (use of indicators);

APAT-EEAA: “Brainstorming” (based on experiences)

- Identification of the environmental impacts and description of the measure of mitigation and compensation;

APAT-EEAA: Working group n° 1

“Perform an environmental sensitive analysis for a defined project of a port using EIA methodology”

2. “Coastal Areas Environmental Impacts Assessment and Management” (III)

Second module: “Case Studies on environmental impact assessment of a port Project ”

APAT-EEAA: “Brainstorming” (based on experiences)

- Case Study 1 (Knowledge): EIA of a port project using scheme of the programmatic, planning and environmental stages (using the forms and documentation on a real case-study in Italy);

APAT-EEAA: “Brainstorming” (based on experiences)

- Case Study 2 (Process in itinere): EIA of a port’s project using scheme of the programmatic, planning and environmental stages (using the forms and documentation on a real case-study in Italy);

APAT-EEAA: “Brainstorming” (based on experiences)

- Case Study 3 (Final evaluation): EIA of a port’s project using scheme of the programmatic, planning and environmental stages (using the forms and documentation on a real case-study in Italy);

APAT-EEAA: Working group n° 2 “Analyse and complete the supplied form regarding EIA critical points”.

2. “Coastal Areas Environmental Impacts Assessment and Management” (IV)

Third Module: “Ports and the Environment”

APAT-EEAA: “Brainstorming” (based on experiences)

- European Union Projects: The “Eco Information” and the “ECOPORTS” projects;

APAT- EEAA: “Brainstorming” (based on experiences) (continued)

- European Union Projects: The “Eco Information” and the “ECOPORTS” projects;

APAT- EEAA: “Brainstorming” (based on experiences)

- “Eco Information” and “Ecoports”: project’s Case Studies;

APAT-EEAA: Working group n° 3 “Development of a Practical Methodology for Environmental Assessment in Ports Areas”.

2. “Coastal Areas Environmental Impacts Assessment and Management” (V)

Fourth Module: “Environmental Management Systems (EMS) for Ports’ areas”

APAT-EEAA: “Brainstorming” (based on experiences)

- Environmental Management Systems on Ports Areas: comparison between (ISO 14000, EMAS);

APAT-EEAA: “Brainstorming” (based on experiences)

- The “ECOPORTS” project approach on the Environmental Management Systems on Ports Areas;

APAT-EEAA: “Brainstorming” (based on experiences) (continued)

- The “ECOPORTS” project approach on the Environmental Management Systems on Ports Areas;

APAT- EEAA: Working group n° 4: “Development of Port Environmental Management System Outlines”

2. “Coastal Areas Environmental Impacts Assessment and Management” (VI)

Fifth Module: “Coastal Areas Management and Monitoring”

APAT-EEAA: “Brainstorming” (based on experiences)

- Integrated Coastal Zone Management (ICZM) and Integrated Coast Area Management (ICAM). European Union Recommendations and Experiences, UNEP MAP Protocol;

APAT-EEAA: “Brainstorming” (based on experiences) (continued)

- Coastal Management Plan. Coastal environment and local management: good practices and experiences ;

APAT-EEAA: “Brainstorming” (based on experiences) (continued)

- “Observation, monitoring and reporting. Knowledge to support strategies Techniques of coastal environment diagnostic parameters”

APAT-EEAA: Working Group n° 5: “Development of a coastal plan for a selected area (based on experiences and case studies)”

2. “Coastal Areas Environmental Impacts Assessment and Management” (VI)

Sixth Module: “Coastal Modelling ”

APAT-EEAA: “Brainstorming” (based on experiences)

- Coastal Hydrodynamics Features. Water waves and currents in the coastal environment, importance of hydrodynamic models in the framework of environmental impact assessment;

APAT-EEAA: “Brainstorming” (based on experiences)

- Water waves/jets. Linear wave theory, long waves, short waves, wave/coast interaction, jets, jet/wall interaction;

APAT-EEAA: “Brainstorming” (based on experiences)

- Numerical Methods for wave/flow computations;

APAT-EEAA: Working Group n° 6 “Coastal Engineering applications”

2. “Coastal Areas Environmental Impacts Assessment and Management” (VII)



2. “Coastal Areas Environmental Impacts Assessment and Management” (VII)



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Last update: 30/11/2007

Environmental e-learning is an innovative tool aimed to promote both the development of scientific and technical knowledge in the environmental protection field, in a flexible way and a wide general knowledge on environmental issues based on scientific and technical data.

For further information: info@apat.it

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To receive user and password in your own mailbox you have to fill up the registration form related to the specific training course.

RELATED TO: E-learning



How to produce an environmental Data Yearbook
Are available on-line the contents of the Workshop "How to produce an environmental Data Yearbook", addressed to EEAA's experts



Coastal Areas Environmental Impacts Assessment And Management
Are available on-line the contents of the workshop "Coastal Areas Environmental Impacts Assessment And Management"

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Coastal Areas Environmental Impacts Assessment And Management

The course (advanced Workshop) is finalized to analyse the main aspects of the coastal area's, EIA, related to the anthropization effect (costal settlements) in ex ante, ex post and management scenarios.

The contents of the course are developed within the Egyptian and Italian Cooperation Programme on Environment and therefore they are available only for the EEA's technicians and of other Egyptian environmental Institutions

MODULE 1

Environmental Impact Assessment (EIA) methodology of a coastal area project (portual areas)

Unit 1	Methodological scheme of the programmatic, planning and environmental stages Ms. Marilena Flori - APAT	<input type="checkbox"/>
Unit 2	Knowledge of environmental state and its characterization through the description of environmental elements (use of indicators) Ms. Marilena Flori - APAT	<input type="checkbox"/>
Unit 3	Identification of the environmental impacts and description of the measure of mitigation and compensation Ms. Marilena Flori - APAT	<input type="checkbox"/>
Unit 4	Working Group 1: Perform an environmental sensitive analysis for a defined project of a port using EIA methodology Ms. Marilena Flori, Mr. Gaetano Battistella - APAT	<input type="checkbox"/>

3.References

www.apat.gov.it

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