

“Capacity Building and Strengthening Institutional Arrangement”

Workshop: “Environmental Impact Assessment (EIA)  
(for Assessors)”

## Presentation of the Workshop

Mr. Gaetano Battistella

APAT

Agency for Environmental Protection and Technical Services

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

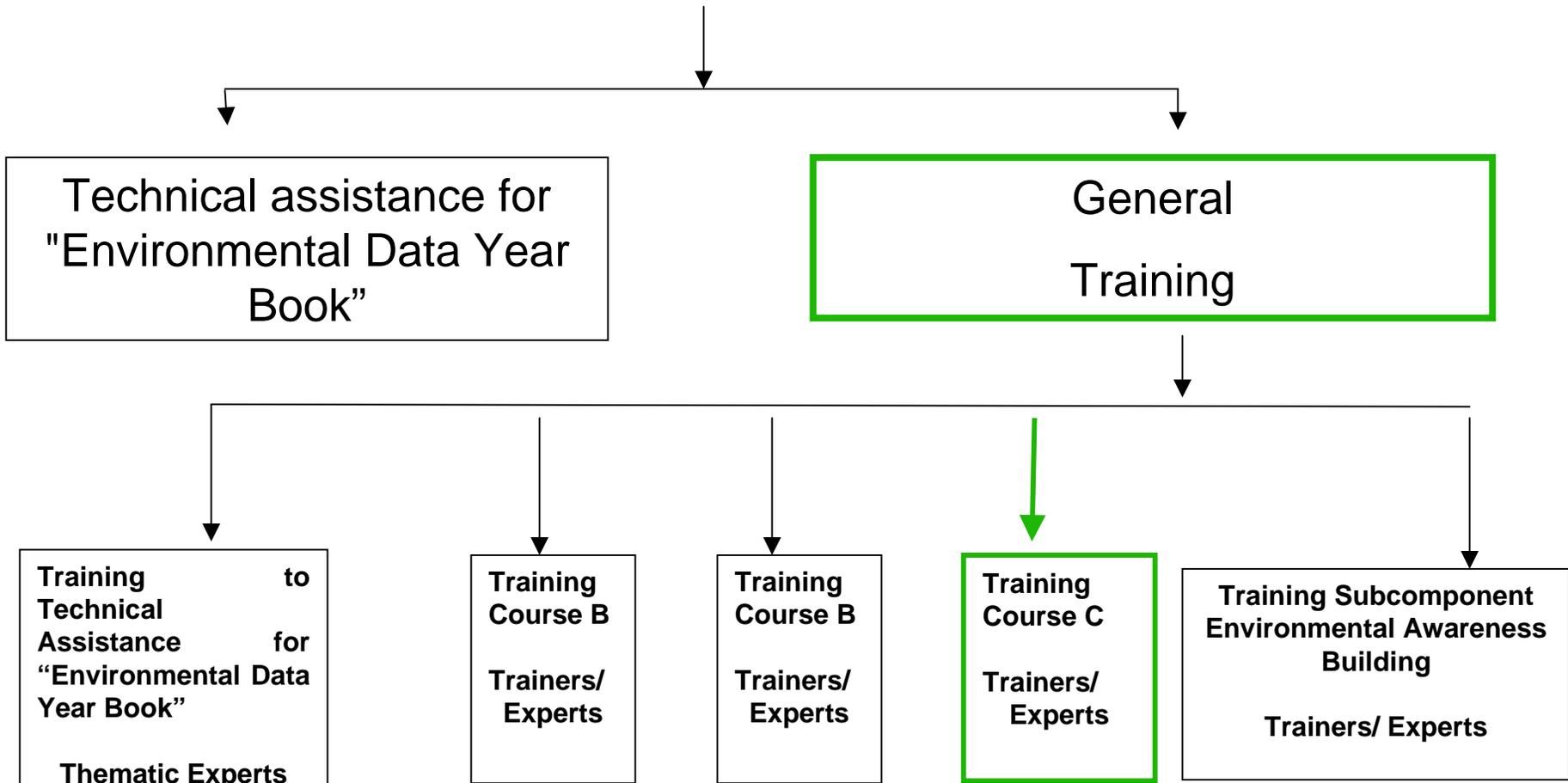
The program “Capacity Building and Strengthening Institutional Arrangement” aims at strengthening the technical and institutional capacity building of Egyptian Environmental Affairs Ministry and other environmental affairs Institutions through sharing technical, scientific and management knowledge and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

In this context APAT will help 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.

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

Project: “Capacity Building and Strengthening Institutional Arrangement”



# 1. APAT-EEA Project 'Capacity building and Strengthening Institutional Arrangement' (III)

Previous workshops carried out, after the Kick off meeting":  
 Environmental Awareness Building, 3<sup>rd</sup> – 6<sup>th</sup> December 2005;



# 1. APAT-EEA Project 'Capacity building and Strengthening Institutional Arrangement' (IV)

Capacity Building for EEAA Training Departments, 19<sup>th</sup> – 23<sup>rd</sup> February 2006;



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



# 1. APAT-EEA Project 'Capacity building and Strengthening Institutional Arrangement' (V)

Other photos related the workshops already performed:



# 1. APAT-EEA Project 'Capacity building and Strengthening Institutional Arrangement' (VI)

Analysis and sampling of air and air pollution, 14<sup>th</sup> – 18<sup>th</sup> May 2006



# 1. APAT-EEA Project 'Capacity building and Strengthening Institutional Arrangement' (VII)

Analysis and sampling of water and water pollution, 11<sup>th</sup> – 15<sup>th</sup> June 2006



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



## 2. “Environmental Impact Assessment (EIA) (for Assessors)” (I)

The workshop ‘Environmental Impact Assessment (EIA) (for assessors)’ is organized in 5 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 about environmental impact assessment for assessors, following EEAA indications and APAT previously experiences in this field:

### **Environmental Impact Assessment (EIA) (for assessors)**

1<sup>st</sup> Module: STRATEGIC ENVIRONMENTAL ASSESSMENT (SEA)

2nd Module: ENVIRONMENTAL IMPACT ASSESSMENT

3rd Module: ENVIRONMENTAL IMPACT ASSESSMENT MODELS

4th Module: CASE STUDIES

5th Module: CASE STUDIES

## 2. “Environmental Impact Assessment (EIA) (for Assessors)” (II)

### First Module: “ Strategic Environmental Assessment (SEA) ”

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

- Strategic environmental assessment following the EU Directive 2001/42/CE;

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

- Analysis of cumulative environmental impact;
- Main technical activities of Strategic Environmental Assessment (SEA) process and Italian experiences in SEA;

APAT-EEAA: Working group n° 1

“Design a Strategic Environmental Assessment (SEA) of a defined plan, including monitoring activities”

## 2. “Environmental Impact Assessment (EIA) (for Assessors)” (III)

### Second module: “Environmental Impact Assessment”

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

- International legislative framework and comparative analysis with national situations;

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

Methods of Environmental Impact Identification and Prediction in terms of appropriate tools (checklists and matrices);

- Environmental impact report’s main aspects;
- Environmental impact report assessment;

APAT-EEAA: Working group n° 2 “Design and perform a EIA of a project on a defined site’ (using EEAA available filled EIA Forms and documentation)”

## 2. “Environmental Impact Assessment (EIA) (for Assessors)”(IV)

### Third Module: “Environmental impact assessment models”

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

- Italian environmental impact assessment sectorial models (noise, electromagnetic fields, atmosphere);

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

- Italian environmental impact assessment sectorial models (noise, electromagnetic fields, atmosphere)

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

- Environmental impact assessment and natural protected areas

APAT-EEAA: Working group n° 3 “Perform a site environmental sensitive analysis for a defined project”

## 2. “Environmental Impact Assessment (EIA) (for Assessors)”(V)

### Fourth Module: CASE STUDIES

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

- Case Study 1: EIA of an Electric Power Station (Thermal) (1<sup>st</sup> part) ;

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

- Case Study 1: EIA of an Electric Power Station (Thermal) (2<sup>nd</sup> part) ;

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

- Case Study 2: EIA of a linear transportation infrastructure (Highway);

## 2. “Environmental Impact Assessment (EIA) (for Assessors)”(VI)

### Fifth Module: “CASE STUDIES”

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

- Case Study 1: EIA of a Cement industry (1<sup>st</sup> part)

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

- Case Study 1: EIA of a Cement industry (2<sup>nd</sup> part)

APAT-EEAA: Working Group n° 4

“Perform a synthetic review of EIA Report project” (using EEAA available filled EIA forms and documentation)

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- ▶ Environmental Awareness
- ▶ Small Municipalities Divulgation
- ▶ Environmental e-learning
- ▶ Environmental Education

## Environmental Education and Capacity Building

APAT carries out technical and scientific activities of national interest, linked to the mission of protection of the environment, by means the elaboration, assessment and promotion of programs of divulgation and training on environmental protection. The Agency also provides technical coordination of environmental training activities to the Regional and Provincial Agencies for the protection of the environment, in order to share operational methodologies at national level to carry out institutional tasks, and gives technical and scientific support to the Ministry for Environment and Territory, and, by means of specific agreements, to other Administrations and Public Bodies.

APAT develops activities to promote environmental capacity building, to transfer scientific and technical know how for environmental protection and to enhance environmental awareness, particularly through:

- design and management of National, European and International projects
- active partnerships in international Networks
- environmental training courses and seminars
- organization and coordination of internships and internal stages
- environmental e-learning through internet
- diffusion of methodologies and knowledge to support the small Municipalities Decision Makers.

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## *Environmental e-learning*



### Environmental Culture and Sustainable Development

**Environmental Impact Assessment (EIA) - Capacity Building And Strengthening Institutional Arrangement (Assessors)**



The course aims to promote technical and scientific competences on the Environmental Impact Assessment (EIA) and on the Strategic Environmental Assessment (SEA), deepening the International, European and Italian legislative frameworks, introducing to the use of sectorial models (noise, electromagnetic fields, atmosphere) to perform environmental impacts studies and explaining specific case studies.

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

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- [▶ Nature and Biodiversity](#)
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### Environmental Culture and Sustainable Development

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**MODULE 1**  
**Strategic Environmental Assessment (SEA)**

Unit <b>1</b>	Presentation of the Workshop Mr. Gaetano Battistella - APAT	<input type="checkbox"/>
Unit <b>2</b>	Strategic environmental assessment following the EU Directive 2001/42/CE - APAT	<input type="checkbox"/>

## 4. References

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[www.formeducambiente.apat.it](http://www.formeducambiente.apat.it)

[fad@apat.it](mailto:fad@apat.it)

[formazione@apat.it](mailto:formazione@apat.it)

[educazione@apat.it](mailto:educazione@apat.it)