

09:00 Registration

09:30 Welcoming Addresses

## 10:00-11:00 1<sup>st</sup> Session: Water Quality Issues in the Dakahlia Governorate

Chairpersons:

*Prof. Dr. Magdy Abou Rayan*,  
President of Mansoura University and INECO Regional Partner  
*Dr. Dionysis Assimacopoulos*, INECO Project Coordinator

10:00 Environmental and Health Impacts of Water Pollution

*Prof. Dr. Ahmad Mansour*

10:15 The Role of Rural Communities & guidelines on agricultural practices for water pollution mitigation

*Prof. Dr. Ibtehal Mohammed Kamal*

10:30 Water and Sanitary Drainage Problems in the Dakahlia Governorate

*Major General Ahmed Abdeen*

10:45 The Role of the Regional Branch of the Environmental Affairs Agency of East Delta in protecting water resources from pollution

*Dr. Gamal El-Saedy*

11:00 Break

## 11:15-12:15 2<sup>nd</sup> Session: The INECO Project - Framework and problem analysis for water quality issues in Dakahlia Governorate

11:15 The INECO Project: Framework and Scope

*Prof. Dionysis Assimacopoulos*

11:45 Water Pollution: Problem Analysis & Problem Tree

*Prof. Samy El Fellaly*

## 12:15-14:00 3<sup>rd</sup> Session:

### Discussion on objectives and Recommendations

- Discussion on the problem and its causes
- What is next (Brief Introduction by Prof. D. Assimacopoulos)
- Discussing on objectives and building the objectives tree

### Contact for queries and further information:

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### The INECO Partnership



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# INECO

Institutional and Economic Instruments  
for Sustainable Water Management in the Mediterranean Region

web site: <http://environ.chemeng.ntua.gr/ineco>

## STAKEHOLDER WORKSHOP

**“Building a common vision  
for mitigating water pollution  
in the Dakahlia Governorate”**

**Saturday, 21<sup>st</sup> July 2007,  
Ramada Hotel, Mansoura, Egypt**



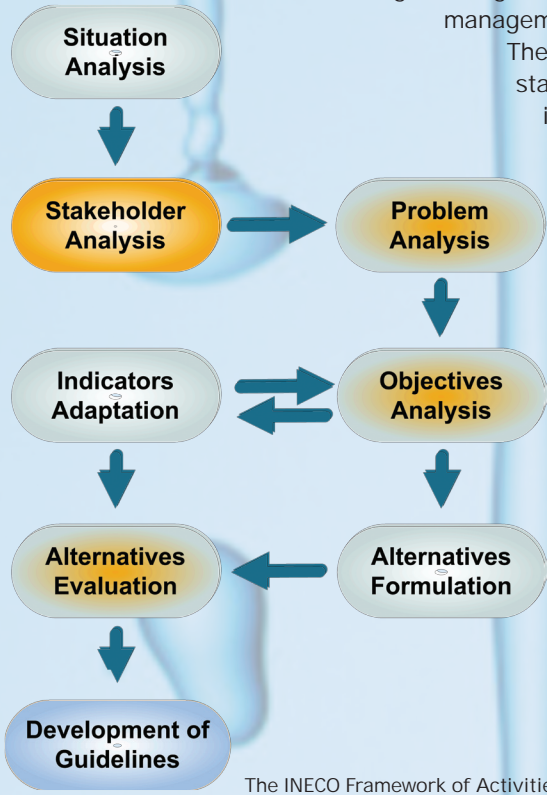
INECO is a Coordination Action supported by the European Commission through the 6th Framework Programme, and addressing the “Specific Measures in Support of International Cooperation (INCO Programme) - Mediterranean Partner Countries (MPC)” Priority (Contract no: INCO-CT-2006-517673).



# THE INECO PROJECT

INECO is a Coordination Action Project supported by the European Commission through the 6th Framework Programme, addressing the “Specific Measures in Support of International Cooperation (INCO Programme) - Mediterranean Partner Countries (MPC)” Priority. The INECO Consortium brings together 14 institutions from 10 Mediterranean Countries (Greece, France, Italy, Cyprus, Tunisia, Egypt, Lebanon, Syria, Algeria and Morocco), including public (6), private (7) and international organisations (1).

The goal of INECO is to introduce an interdisciplinary approach to water management building upon the integration of three major aspects: environment, economics and society. INECO will discuss shared problems in the decision-making process and the deficiencies of the present governance structures around the Mediterranean Basin. Research focuses on alternative institutional and economic instruments which can promote equity, economic efficiency and environmental sustainability in the sharing and governing dimensions of water resources management.



The INECO Framework of Activities

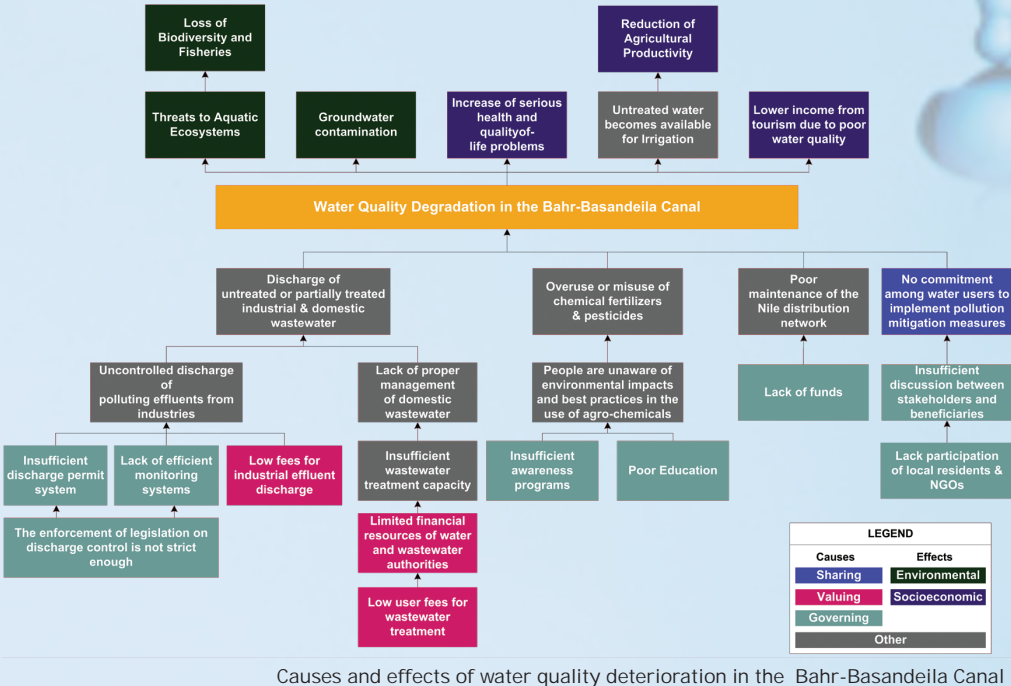
The Egypt workshop is one of the stakeholder workshops organised by INECO in Cyprus, Tunisia, Egypt, Lebanon, Syria, Algeria and Morocco. The workshops aim to develop a process towards constructively engaged Integrated Water Resources Management, and lay the foundations for reaching a common understanding on what the real problems are and how these could be addressed in a commonly desired water resources management situation.

# INECO IN EGYPT

## THE REGION OF THE BAHR BASANDEILA CANAL IN THE DAKAHLIA GOVERNORATE

The area selected for the implementation of the INECO Project in Egypt is the region of the Bahr Basandeila Canal in the Dakahlia Governorate. The canal irrigates an area of 3000 acres in the Basandeila village (also irrigated by the Basandeila Canal), with a permanent population of 25,000 inhabitants.

The region faces water quality problems, similar to those encountered in the Nile water distribution network in general. Waste disposal, heavy use of pesticides, inadequate domestic wastewater treatment, and uncontrolled discharge of industrial effluents have transformed open waterways to repositories and conveyors of liquid waste, and have created major pollution issues. In the region of the Bahr Basandeila Canal, water pollution is due mostly to the discharge of industrial and municipal effluents without prior treatment. Furthermore, current agricultural practices, including the excessive application of fertilizers and pesticides, result in high nutrient concentrations in the canal surface water, and exacerbate eutrophication and water quality deterioration. Large amounts of wastewater (domestic, industrial, and agricultural) are discharged onto land, and from the Bahr Basandeila Canal



end up in the Damietta Branch of the River Nile, posing a serious threat on human health, agricultural production, and the river and coastal ecosystems.

# THE EGYPT WORKSHOP OBJECTIVES

The workshop aims to strengthen the alliance between the INECO Research Team and Local Stakeholders in the region by:

- Discussing on the focal water management problem experienced in the region;
- Promoting the development of a process where each contributor gains both a better understanding of the problem and insight on how other participants see the problem;
- Initiating the participatory involvement of stakeholders in determining, defining and evaluating alternative institutional and economic instruments towards problem mitigation.

The workshop will serve as a discussion forum on the problems and challenges faced by stakeholders. It will offer the opportunity for participants to share their experiences, knowledge, ideas, preferences, hopes, fears, opinions, and values.