

# ENCORA - Theme

## Capacity building, training and education in ICZM

initiative for a **Coordination Action** within the European coastal research **and** practitioners community

### WHY ?

**Capacity building is a central concept in Agenda 21. In connection with ICZM, a formal definition of Capacity Building could be: "The design and conduct of the range of activities necessary to enhance the capacity of institutions and the individuals to comprise them to undertake the effective ICZM programmes."**

**Definition of ICZM according to Cicin-Sain and Knecht (1998)**

" a continuous and dynamic process by which decisions are taken for the sustainable use, development, and protection of coastal and marine areas and resources. ICZM acknowledges the interrelationships that exist among coastal and ocean uses and the environments they potentially affect, and is designed to overcome the fragmentation inherent in the sectorial management approach. ICZM is multi-purposed oriented, it analyzes implications of development, conflicting uses, and interrelationships between physical processes and human activities, and it promotes linkages and harmonization among sectorial coastal and ocean activities."

According to this definition, ICZM is a new concept of management for managers and decision-makers and represents a new way of thinking and educating for scientists and faculty members where several levels of integration need to be achieved and where the different disciplines concerned with the study of oceans and coasts cannot operate independently any longer.

Therefore, capacity building in ICZM needs a twofold perspective, (1) the training and education of a new generation of coastal professionals based on ICZM principles and (2) to reorient existing coastal managers; and decision makers, by training them in a more multidisciplinary and integrated manner.

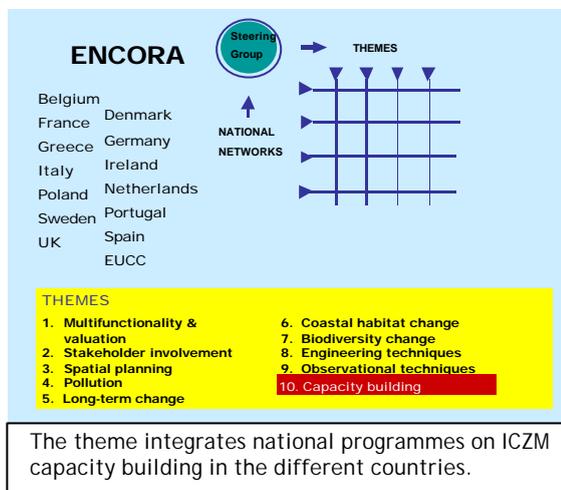
Furthermore, ICZM capacity building, training and education, presents some additional challenges: (1) Even if during the last decade there have been several efforts to develop and

implement ICZM training and education programs, there is still an open discussion on what are the necessary professional skills to meet the demands for undertaking ICZM programmes effectively; (2) even if some universal core concepts and frameworks can be proposed, ICZM nature needs to tailor the contents of the courses and capacity building programs to make them suitable to take into account the different requirements (management, cultural, legal, political, etc.) at global, national and regional and local scales; (3) how can we teach the need and implementation of the different integration levels and the multidisciplinary thinking required for ICZM to the new coastal professionals; how can we do the same with existing coastal managers or other target groups? (4) What is the best strategy to convince governments to work to fulfil our needs in capacity building of existing and future coastal managers? (5) What is the role to be played by ICZM education programs in EU universities considering the existing curricula?, etc.

### WHAT ?

- Develop a Plan for capacity building, training and education in the EU for the next future.
- Review existing and planned programs in ICZM and associated fields and establish a comparative database.
- Discuss and to decide on the range of skills, disciplines and framework curriculum necessary to be covered by ICZM capacity building and training programs considering short-term vs. long-term and new generations vs. existing coastal managers.
- Compare training needs at local, regional, and national scale at the different EU countries.
- Evaluate the impact of EU demonstration programs and recommendations on ICZM on the existing training programs.
- Identify EU national institutions already able or close to conform to the identified requirements, promote their networking and collaborate to achieve the highest standards.
- Promote the networking with international equivalent institutions.
- Discuss the integration of ICZM education programs in the EU academic system

- Promote the exchange of academic members and practitioners across Europe to participate in capacity building, training and education programs.
- Promote the exchange of students in the field of ICZM between EU countries to enhance multidisciplinary and integration.
- Promote the development and sharing of high quality course material and Internet-based material.
- Establish a data base of ICZM international projects to be used as study cases
- Instigate the intertwining of existing EU programs to promote joint programs for developing countries.
- Establish a common strategy to make governments aware of the work necessary to fulfil the expectations of Agenda21 in terms of building capacity of current and future coastal managers



## HOW ?

### Proposed major co-ordinating activities

#### 1. Survey

To conduct a survey on capacity building, education and training courses in ICZM . The survey will include the information previously compiled in other surveys (Cincin-Sain at al. in 1998) and will consider additional questions regarding the effect of the EU ICZM program on the European training. The survey will be conducted in two phases. Phase 1, will consider the EU experience and Phase 2 will be oriented towards other international programs.

#### 2. Development of comparative data-base

Based on the survey a comparative data-base on capacity, building, education and training courses in ICZM and institutions will be built.

#### 3. Workshops and meetings

A limited number of workshops and meetings will be held to discuss:

- The range of skills, disciplines and framework curriculum necessary to be covered by ICZM capacity building and training programs
- Long-term vs. short term training
- Training for current coastal managers vs. future generations
- General course contents vs. particular contents
- Role of ICZM in EU academic programs structure

The meetings will bring together academics, coastal managers, professionals and researchers in the field. The comparative data-base and previous experience will be the basis for discussion.

#### 4. Data base on course material available and development of new material according to the agreed contents.

#### 5. Data base including ICZM projects used for case studies in capacity building and training

#### 6. Establishment of a network on Capacity Building, training and education within ENCORA including other international partners.

The establishment of the network will include a review of previous existing experiences such as the International Ocean Institute (IOI) or MEDCOAST.

#### 7. Establishment of an exchange program for students and instructors

#### 8. To study and promote the start of an ICZM program for developing countries based on the EU experience.

The program will be based on the experience of the institutions participating in the network.

#### 9. White paper on ICZM capacity building, training and education in the EU

White paper will include all the conclusions and decisions based on previous work as well as an Action Plan for Capacity building, training and education in the EU for the coming 5 years.

## WHO?

### Theme lead

**Inigo Losada, Univ. Cantabria**  
[losadai@unican.es](mailto:losadai@unican.es)