

Model Courses on ICM

Based on 15 years of
experience in more than
18 ICM sites

Integrates scientific knowledge
with social concerns to
enhance governance and
strategic planning

Uses case studies to emphasize
good practices in ICM
implementation

Facilitates field visits that
allow participants to
interact with stakeholders
and to witness how the
elements of ICM dynamics
are applied in an ICM site

Allows participants to apply
newly acquired skills and
identify next steps in ICM
implementation through
workshops and exercises



Partnerships in Environmental Management
for the Seas of East Asia
(PEMSEA)



Understanding Integrated Coastal Management

Course Description

Introduces the philosophy, concept, guidelines, framework and processes of ICM and presents it as a better management alternative for the sustainable development of coastal areas.

The course also provides a quick assessment guide for the requirements and preparatory processes needed for developing an ICM program.

Course Goals

To enable the participants to:

1. Understand and appreciate the basic concepts and principles of ICM.
2. Explain the framework and processes involved in developing and implementing ICM at the local and national levels.
3. Familiarize the participants with tools to assess the social, economic and environmental status, use and management of their coastal areas, and identify strategies and approaches to prepare for the initiation or strengthening of an ICM program.

Course Topics

- Basic concepts and principles of ICM as a sustainable governance strategy in coastal development in East Asia
- Framework and processes involved in developing and implementing ICM at the local and national levels
- Tools to assess the social, economic, and environmental status, use and management of coastal areas
- Strategies and approaches to prepare for the initiation or strengthening of an ICM program
- Field visit to interact with stakeholders and to witness how the elements of ICM dynamics are applied in an ICM site

Duration: 5 days

Modalities: lecture-discussion, learning activities, video showing, case/research analysis, field/site visit





ICM Program Planning and Development

Course Description

The course presents the tools that local governments can employ systematically to support identification of coastal and environmental management issues, mobilization of stakeholders and preparation of a sustainable development strategy for the coastal area.

Course Goals

To enable the participants to:

1. Understand the driving forces that guide the planning and development of the ICM program, including vision, platform and awareness-building.
2. Have a grasp of the key elements and processes necessary in planning an ICM program.
3. Appreciate the importance of information management/ documentation and monitoring and evaluation.

Course Topics

- Overview of the Framework for Sustainable Development of Coastal Areas and the ICM Cycle
- Stakeholders Analysis and developing an information, education and communication (IEC) plan
- Setting the baseline condition through the State of the Coasts (SOC) reporting
- Establishing and Operationalizing the Integrated Information Management System
- Formulating the Coastal Strategy
- Establishing the ICM program monitoring and evaluation system
- Action Plan for Developing a Coastal Strategy

Duration: 5 days

Modalities: lecture-discussion, learning activities, video showing, case/research analysis, field/site visit

ICM **Course** **3** Implementing an ICM Program

Course Description

The course presents the processes and requirements for developing and implementing an ICM program. It highlights relevant tools that can be applied to establish priority hazards and risks in the coastal area and on-the-ground actions to prevent, adapt to, or mitigate such hazards.

Course Goals

To enable the participants to:

1. Understand the need for prioritizing issues in the development of coastal plans and programs and apply the risk assessment and risk management process as a tool for issue prioritization.
2. Lay down a process of formulating a coastal strategy implementation plan (CSIP) and strategic action programs.
3. Set-up environmental and program monitoring indicators and an ICM documentation system.

Course Topics

- Overview of the Framework for Sustainable Development of Coastal Areas and the ICM Cycle
- Environmental Risk Assessment for Identifying Significant Impacts
- Developing and Implementing Strategic Action Programs
- Preparing a Coastal Strategy Implementation Plan
- Developing and Implementing an Integrated Environmental Monitoring Program

Duration: 4 days

Modalities: lecture-discussion, learning activities, video showing, case/research analysis, field/site visit





Sustaining an ICM Program

Course Description

The course explores key elements to ensure ICM program sustainability including regulatory and economic instruments, as well as public-private partnerships.

Course Goals

To enable the participants to:

1. Understand the processes, requirements and enabling conditions for sustaining an ICM program.
2. Recognize the importance, benefits and requirements of relevant processes and tools for sustaining an ICM program.

Course Topics

- Overview of the Framework for Sustainable Development of Coastal Areas and the ICM Cycle
- Developing and Implementing Coastal Use Zoning
- Mainstreaming Institutional Arrangements
- Sustainable Financing and Investment Mechanisms
- Developing National/Local Legislation for the ICM program

Duration: 4 days

Modalities: lecture-discussion, learning activities, video showing, case/research analysis, field/site visit





Monitoring, Assessing and Measuring ICM Program Performance and Promoting Continual Improvement

Course Description

The course deals with the continual improvement of ICM programs and the driving forces that impact on sustainable coastal development.

The course introduces a systematic approach to assessing ICM performance and identifying opportunities for scaling up benefits and impacts in coastal areas.

Course Goals

To enable the participants to:

1. Understand the processes, mechanics and dynamics of ICM to guide their ICM program development and implementation.
2. Evaluate the cumulative impacts of the ICM program and their driving forces in relation to economic, social, and ecological sustainability and stakeholder benefits for continual improvement of their ICM program and system.
3. Organize and conduct a management review process to assess performance, opportunities for improvement and initiate changes to the ICM system based on adaptive learning and management.

Course Topics

- Overview of the Framework for Sustainable Development of Coastal Areas and the ICM Cycle
- Essential Elements of ICM Dynamics and their Application
- Assessment and Continual Improvement of ICM program implementation
- Replicating and scaling up of ICM Program

Duration: 4 days

Modalities: lecture-discussion, learning activities, video showing, case/research analysis, field/site visit

For more information, please contact



The Executive Director
PEMSEA Resource Facility
PEMSEA Office Building, Department of Environment and Natural Resources (DENR) Compound, Visayas Avenue, Quezon City 1100, Philippines
P.O. Box 2502, Quezon City 1165, Philippines
Tel.: (632) 929 2992 Fax: (632) 926 9712
info@pemsea.org; www.pemsea.org