

Abstract

SESSION 2:

Accelerating Actions for Sustainable Development and Climate Change

WORKSHOP 3:

Valuation of Coastal Ecosystem Services and Benefits and Coastal Use Zoning: Tools for Better Planning and Implementation

Valuation Tools and Coastal Use Zoning: A Step towards Application in PEMSEA Sites

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Part of the implementation of Integrated Coastal Management (ICM) in priority sites is to conduct a valuation of ecosystem services and benefits to generate buy-in among local policy-makers and communities in protecting these resources. Similarly, coastal use zoning (CUZ) is done to delineate Marine Protected Areas and habitats in order to protect ecosystem integrity by reducing multiple-use conflicts and unsustainable exploitation of marine and coastal resources through better enforcement.

PEMSEA and the ICM sites are working with the Learning Centers (i.e., local universities and research institutions) to build local capacities and promote adoption of tools, methodologies and processes, including those of valuation and CUZ. Through the support provided by academic and research partners, these technical tools can be localized to suit site conditions thereby enabling local governments to better appreciate the process and eventually, create greater understanding and appreciation of the results.

This presentation will provide an overview of the tools that are expected to be applied at the local level, the priority sites where these will be implemented, and the proposed steps to mobilize ICM Learning Centers and other PEMSEA Partners in their implementation. This serves to facilitate further discussion on how these tools can be rolled out to priority sites.



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About Natalie Degger:

Dr. Natalie Degger has provided consultancy and technical services to networks of national departments, universities, science institutions and industrial partners involved in marine pollution monitoring and earth observational science. During her time with MERIT, Natalie was involved with the Global Artificial Mussel Watch Program and delivered training to environmental managers and scientists from the International Atomic Energy Agency.

Natalie joined PEMSEA in 2015 on a one-year fellowship where she is involved in activities supporting the UNDP/GEF Scaling up SDS-SEA implementation project. She is also assisting with the GEF/World Bank Medium-sized Project on Applying Knowledge Management to Scale up Partnership Investments for Sustainable Development of Large Marine Ecosystems of East Asia and their Coasts.