Online

*Regional MSPforum*

Western Pacific and its Adjacent Areas

16 Dec 2022, 09.00 – 15.00 (UTC+7)

Language: English
Margarita leads the work on marine and coastal ecosystems for the Secretariat of the Coordinating Body on the Seas of East Asia (COBSEA), one of the Regional Seas hosted by UNEP. She's passionate about all things ocean and finding the right balance between human well-being and the protection of the environment.
Marine and Coastal Spatial Planning in the East Asian Seas

Margarita Victoria CABALLA
Coordinating Body on the Seas of East Asia (COBSEA)

East Asian Seas Action Plan 1994
Intergovernmental body aimed at protection and sustainable development of the marine & coastal environment of East Asian Seas, originally established in 1981

Regional Seas
One of 18 Regional Seas Conventions and Actions Plans

COBSEA countries
Cambodia, People’s Republic of China, Indonesia, Republic of Korea, Malaysia, Philippines, Singapore, Thailand, Viet Nam

Secretariat
Hosted by Thailand (in Bangkok), administered by UNEP

www.cobsea.org
# Previous Marine and Coastal Planning and Management

<table>
<thead>
<tr>
<th>Year</th>
<th>Theme</th>
<th>Project Title and Funding Source</th>
<th>Outcome</th>
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</table>
| 2002-2003  | Coral Reef         | UNEP/ICRAN Small Grants Fund     | • 9 small projects across different countries  
• Monitoring Coral Reefs  
• Community-Based Monitoring and Management of Coral Reefs                                                                  |
| ~          | Coral Reef         | ICRAN Demonstration              | Exchange information between well-managed MPAs and MPAs that need to improve management                                          |
| 2010-2013  | MCSP, Climate Change | SIDA Spatial Planning in the Coastal Zone - Disaster Prevention and Sustainable Development | Guidelines: Spatial Planning in the Coastal Zone of the East Asian Seas Region: Integrating Emerging Issues and Modern Management Approaches |
| 2019-2020  | Cross-Cutting      | COBSEA Outlook on Ocean-Related SDG | Core set of MCSP trainers in 6 countries                                                                                             |
| 2020-2021  | MCSP               | Blue Solutions MCSP Trainings    | Draft report and a series of workshops on the theme.                                                                                 |
| 2022       | MPA                | MPA Situational Analysis         | Draft report on Situational Analysis of MPAs in East Asian Seas 2022                                                              |
Spatial Planning in the Coastal Zone (2010 – 2013)

Objectives
To reduce and prevent impacts of natural disasters, climate change, and sea level rise, and to promote sustainable development of the coastal areas in COBSEA members countries through application of spatial planning for integrated coastal zone management and ecosystem based management

Outcome
• Spatial Planning Regional Resource Document
• Adaptation in 5 countries (Cambodia, China, Indonesia, Thailand, Vietnam) and integration in 1 country (The Philippines)
• ~500 individuals trained in MCSP
• Training and Capacity Building Menu

Recommendations
• 2nd phase with the following focus:
  o Establishing regional network on CMSP
  o CMSP pilot demonstration at local level
  o Institutionalizing CMSP
• Establishment of national team of instructors
  o Trainings to focus on sub-national and local authorities
• On-the-ground hands-on application of the guidelines such as developing spatial plans

Spatial Planning in the Coastal Zone of the East Asian Seas Region: Integrating Emerging Issues and Modern Management Approaches
October 2013
Objectives
Building capacity of MCSP in the East Asian Seas region through studying theoretical and practical aspects of spatial planning in marine and coastal areas as well as discussing needs-specific action in each country

To review national and regional legal policy frameworks to identify key recommended actions towards an enabling policy environment for MCSP and ecosystem-based approaches, and to explore linkages with SBD, including exploring challenges and opportunities in applying MCSP for evolving and implementing SBE policy and strategies.

Outcome
• ~ 40 individuals trained in MCSP and Sustainable Blue Economy
• Demonstration in Thailand
• Marine and Coastal Spatial Planning Policy in the EAS
MCSP and Blue Economy (2020 – 2021)

Recommendations
- Develop the techniques for marine and coastal spatial planning in COBSEA participating countries
- Further research and development to better adapt to the needs and characteristics of the region.
- Enhance capacity development
- Strengthen vertical and horizontal integration
- Increase transboundary/regional collaboration
- Invest in coastal and ocean science and strengthen science-policy integration
- Enhance data sharing and coordination
- Anticipate and respond to global and regional development trends

Follow-up Action
- Cooperation platform for MCSP in the EAS Region
- Regional guidance for an ecosystem-based approach to marine and coastal planning and management
- Launch of a marine and coastal spatial planning project
UPCOMING COBSEA EFFORTS:
MARINE AND COASTAL ECOSYSTEMS FRAMEWORK
## Global Frameworks and Targets

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<tbody>
<tr>
<td>Marine and Coastal Spatial Planning (with Climate Change Adaptation)</td>
<td><strong>Target:</strong> 14.2. Sustainably manage and protect marine and coastal ecosystems to avoid insignificant adverse impacts</td>
<td>Strategic Objective 1: Establish knowledge-base on marine and coastal ecosystems to inform policies on human activities affecting their functions</td>
<td>Nature Action Outcome 1: An economically and socially sustainable pathway for halting and reversing the loss of biodiversity and ecosystem integrity is established</td>
<td><strong>Target 1. By 2030, all land and sea areas globally are under spatial planning</strong></td>
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<tr>
<td>Marine Protected Areas and MPA Networks</td>
<td><strong>Target:</strong> 14.5. Conserve at least 10 per cent of coastal and marine areas</td>
<td>Strategic Objective 3: Support policies and strategies enabling integrated management and sustainable use of marine and coastal ecosystem services</td>
<td>Outcome 2: Sustainable management of nature is adopted and implemented in development frameworks</td>
<td><strong>Target 2. By 2030, restore [X%] of degraded marine ecosystems and connectivity among them.</strong></td>
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<td>Outcome 3: Nature conservation and restoration are enhanced</td>
<td><strong>Target 3: Aiming by 2030 to protect and conserve at least 30% of the planet</strong></td>
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<tr>
<td>Thematic Area</td>
<td>Regional Seas SD</td>
<td>Regional Seas Core Indicators</td>
<td>COBSEA Action Plan</td>
<td>COBSEA Strategic Direction</td>
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| Marine and Coastal Spatial Planning (with Climate Change Adaptation) | Marine protected areas and other effective area-based conservation measures (OECMs) promoted towards the Post-2020 Global Biodiversity Framework targets. | No. 19. Category: Climate Change Adaptation  
No. 22. Category: National ICZM in Place | Management aspects of rehabilitation of vital ecosystems and restoration of ecologically or economically important species and communities. | Theme 2, activity i.  
Enabling conditions for ecosystem-based approaches  
Theme 2, activity ii.  
Guidelines for an ecosystem-based approach to marine and coastal planning and management  
Theme 2, activity iii.  
Capacity on marine and coastal planning and management,  
Theme 2, activity iv.  
Exchange of information, knowledge and best practices |  
Theme 2, activity v.  
Establishment of a viable network of marine protected areas  
| Marine Protected Areas and MPA Networks | No 21. Category: Critical marine habitat under protection  
No 15. Category: Loss of critical habitat | Establishment of a viable network of marine protected areas | Theme 2, activity v.  
COBSEA network of marine protected areas (MPAs)  
Theme 2, activity vi.  
effectiveness of the management of MPAs |  

Goal: Integrate and harmonize all efforts of COBSEA in relation to the marine and coastal ecosystems which will ensure a cohesive and strategic approach when developing and implementing relevant activities.

The specific objective are to:

- Strengthen the conservation and governance of the marine and coastal ecosystems in the East Asian Seas;
- Ensure alignment of COBSEA activities on the marine and coastal ecosystems with international and regional targets;
- Address specific needs of each participating country and provide tailor-made solutions by ensuring the representation of all COBSEA countries in decision-making and implementation; and,
- Provide guidance on the marine and coastal ecosystems activities and how these are connected amongst each other.
Draft Marine and Coastal Ecosystems Framework

Blue Economy
- Sustainable ocean ecosystems
- Economic and livelihood opportunities
- Community participation and empowerment
- Equitable and inclusive benefit sharing

Marine & Coastal Spatial Planning
- Regional MCSP
- Institutionalization of MCSP in COBSEA Countries
- Transboundary and regional collaboration
- Vertical and horizontal integration

Marine Protected Areas
- Establishment of Regional MPA Network
- Strengthening of MPAs and MPA Networks in COBSEA

Habitats
(Coral Reefs, Mangroves, Seagrass, Coastal Wetlands)
- Small grants fund programme
- Green Fins Project
- Monitoring, restoration and protection
Implementation Strategy

Blue Economy
- Inclusive and equitable benefit sharing
- Sustainability of the planet and wellbeing of the people

Marine and Coastal Spatial Planning (MCSP)
- To be able to identify the areas for conservation in a given marine and coastal space and how these areas are integrated in the wider set of activities, such as tourism, fishing, transport, industry, etc.

Marine Protected Area (MPA) Network
- Establishment of MPA Networks can be based on the zones identified in the MCSP.
- Ecological connectivity among existing MPAs
- Social Networks among existing MPAs
- Strengthening the governance of existing MPA Networks

MPA
- Establishment of new MPAs and expansion of existing MPAs can be based on zones identified in the MCSP
- Establishing connectivity between old and new MPAs towards a Network
- Strengthen the governance of existing MPAs.

Marine and Coastal Habitats
- Policy development
- Monitoring Activities
- Rehabilitation and Restoration can lead to increase of biodiversity and biomass in existing sites and/or improvement in other sites

Cross-Cutting Priorities and Supporting Mechanisms
- Community Participation, Community of Practice, Knowledge Sharing
- Blue Carbon and Climate Change
- Data Management
- Communications

UN Environment Programme
COBSEA
UNESCO
Thank you!
GEF IW:LEARN 5 project

Dr. Claudette Briere Spiteri
GEF IW:LEARN 5
Supporting Portfolio Coordination
Within and Beyond the International Waters Focal Area,
particularly in Small Island Developing States,
Through Knowledge Sharing, Information Management, Partnership Building
and Programmatic Guidance Services
How?

- Training courses
- Webinars
- Manuals, methodologies, toolkits
- Global & regional dialogues

- Twinnings
- International Water Conference
- Platforms – Data/Visualization
- Policy briefs, experience notes..
Component 1: Provide **Targeted Knowledge Sharing and Results Showcasing** Across Projects and Development Partners

Component 2: Support the **Communication** and Replication of Portfolio Results and Experiences

Component 3: Deliver Intra and Inter-Regional Knowledge Management Across Focal Areas in **Small Island Developing States** to Improve Portfolio Performance

Component 4: Deliver Support to Surface Freshwater, Groundwater and **Large Marine Ecosystem Subsets** in Support of Portfolio Strategic Priorities

Component 5: Mobilize **Public and Private Partnership** to Enhance Long-term Sustainability of Project Interventions

- **GEF Trust Fund**
  USD 5,978,700

- **Confirmed co-financing**
  USD 14,693,096

- **Grand-total**
  USD 20,671,796

*Sub-component 4.3: Training and capacity building activities in support of marine spatial planning as a tool for strengthening blue economy opportunities*
GEF IW:LEARN Component 4

Deliver Support to Surface Freshwater, Groundwater and LME Subsets in Support of Portfolio Strategic

4.3 Training and capacity building activities in support of MSP as a tool for strengthening blue economy opportunities

4.3.1: Development of a practical approach to integrate MSP into the TDA-SAP process with a view to strengthening BE opportunities in LMEs, and develop appropriate resource material

4.3.2: Work with partners and GEF IW projects to organize a series of regional trainings on basic concepts and specific technical issues of MSP

4.3.3: Work with partners and/or GEF IW projects to organize a series of regional dialogues on MSP for BE in the context of the TDA-SAP process

Expected outcome: Improved management of transboundary marine ecosystems
4.3 Training and capacity building activities in support of MSP as a tool for strengthening blue economy opportunities

4.3.2 Work with partners and GEF IW projects to organize a series of regional trainings on basic concepts and specific technical issues of MSP (IOC-UNESCO with GRID-Arendal, IBRD)

- IOC-UNESCO: MSPglobal guide & MSPglobal Project 2.0, MSP Challenge (tbc)
- GRID-Arendal: Blue Planning in Practice
- IBRD: Blue Carbon
- Blended training (tbc)

Previous support to IW:LEARN & LME:LEARN community from IOC/MSP team:

- Online course on Cap-Net + F2F training using MSP Challenge*
- MSP toolkit

(*) MSP Challenge/MSPglobal training network on MSP:
4.3 Training and capacity building activities in support of MSP as a tool for strengthening blue economy opportunities

- 4.3.1 Development of a practical approach to integrate MSP into the TDA-SAP process with a view to strengthening BE opportunities in LMEs, and develop appropriate resource material (GRID-Arendal with IOC-UNESCO, SIWI, UNDP Cap-Net)

  **Materials for the practical approach** will be developed, tested and refined with project partners, LME managers through a set of consultation events

- 4.3.3 Work with partners and/or GEF IW projects to organize a series of regional dialogues on MSP for BE in the context of the TDA-SAP process (GRID-Arendal with IOC-UNESCO, University of Portsmouth)
  - Testing methodology with LME/TDA projects
  - Regional Dialogues

**Regional trainings** based on the materials developed in 4.3.1 and materials used for 4.3.2 to provide LMEs with practical ways to integrate MSP and sustainable blue economy. Follow-up guidance and experience-sharing meetings will be conducted after the training events
Online

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Western Pacific and its Adjacent Areas

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Language: English
Nancy has worked extensively in the East Asian Region for over 2 decades developing, implementing, monitoring and scaling up integrated coastal management programs.

She is involved in the development and implementation of capacity building programs at the regional, national and sub-national levels in support of PEMSEA’s sustainable development strategy and PEMSEA’s country partner’s policies, strategies and plans on ocean and coastal governance.
Supporting the Development and Implementation of MSP in the Western Pacific

Nancy Bermas
MSP Practices in East Asia

- National policies, strategies and plans, legislations and institutional arrangements on ocean and coastal governance and sustainable development are in place in the countries in the region, supporting ICM and MSP

- China, Indonesia and RO Korea are frontrunners of MSP development and implementation with experiences in Cambodia, Japan, Malaysia, Philippines, Singapore, Timor Leste, Thailand and Viet Nam

- Implementation at different stages: presence of enabling legislation, varying context and drivers, governance systems, planning mandates and timelines, capacity and financing

- Utilize existing ICM programs covering ~40% of the EAS region’s coastline to link coastal and marine planning with land-based and river basin/watershed planning
ICM and MSP Process

1. **Preparing**
   - Project management mechanism
   - Work plan and budget
   - Human and financial resource arrangements
   - Obtaining identifiers and preliminary consultation
   - Training of core project staff
   - Project monitoring program
   - Assess requirements for ICM Code
   - Assess requirements for the State of the Coast (SOC)

2. **Initiating**
   - SOC baseline
   - Issues identification and prioritization
   - Sustainable habitat protection
   - Land- and air-based pollution/waste
   - Climate change/based
   - Food security
   - Water use and supply
   - Initial assessment
   - Integrated information management system
   - Public awareness
   - Stakeholder consensus building/communication plan preparation
   - Coastal strategy
   - Capacity development

3. **Developing**
   - Establishing Authority
   - Obtaining Financial Support
   - Organizing the MSP Process
   - Engaging Stakeholders
   - Analyzing Existing Conditions
   - Analyzing Future Conditions
   - Developing the Plan
   - Implementing the Plan
   - Evaluating Performance
   - Adapting the Process

4. **Adopting**
   - New Cycle Starts

5. **Implementing**
   - Organizational and institutional mechanisms
   - Coastal policy, strategy and 3-5 year action plans
   - Funding mechanisms

6. **Refining and Consolidating**
   - Coastal Management Plan (CMPC) study
   - Coastal land use and sea use zoning plan
   - Coastal management plan implementation

Coastal Land- and Sea Use Zoning Plan of the Province of Bataan
Opportunities for integrating land/watershed, coastal and marine spatial planning in the Philippines

HOUSE BILLS NO. 3136, 3303, 4496, and 5677 (ICM ACT)

- **Section 9**: Elements of national ICM framework – includes the development of spatial planning tool

- **Section 21**: ICM best practices – includes coastal and marine use classification, marine spatial planning, and harmonization of comprehensive land and water use plan as management tools

- **Section 30**: Includes the development of marine spatial planning tool to bring together multiple users of the coasts and ocean for informed and coordinated decisions on the use of marine resources.

DENR BIODIVERSITY MANAGEMENT BUREAU TECHNICAL BULLETIN NO. 2022 – 02 (Guide on Mainstreaming ICM into the Local Government Unit’s Comprehensive Land Use Plans)

- Approved on 10 May 2022

- Roll out initiated in 16 regions in the Philippines; includes land-locked provinces

- 16 regional roadmaps with priority LGUs with ICM programs and adjacent national protected areas for implementation in 2023-2028

ICM Bill targeted for approval and passage into law at the 19th Congress
POLICY ENVIRONMENT - Recognizes the natural link between inland, coastal and marine processes and the need to integrate these in the land use planning processes; examples from the Provinces of Bataan and Batangas, Philippines.
Opportunities for MSP application at the regional level: GEF-UNDP-ASEAN IRBM Project

National IRBM projects will be implemented in the identified river basins in 2023-2027 in the 6 countries as IRBM learning sites for scaling up and replicating good practices, tools and lessons learned.

- **Cambodia**
  - Kampong Bay River Basin and the coastal area of Kampot City

- **Indonesia**
  - Ciliwung River Basin and the Jakarta Bay Coastal Area

- **Lao PDR**
  - Nam Tha River Basin

- **Malaysia**
  - Kedah river basin and the coastal area of Kedah

- **Philippines**
  - Imus-Ylang Ylang and Pasac-Guagua River Basins and Coastal Areas of Manila Bay

- **Vietnam**
  - Vu Gia - Thu Bon river basin and the coastal area of Quang Nam - Da Nang
Capacity development support and networking: Linking the MSP Global Training Network

PEMSEA Network of Learning Centers

17 + 4

PEMSEA Network of Local Governments

53 + 4
Moving towards full integration

- Compatibility/complementation of land/watershed/river basin, coastal zone and ocean:
  - Policies, strategies and plans: common goals, targets & indicators at strategic & operational levels
  - Enabling legislation and financing
  - Coordinating mechanism, mandates, authority
  - Coherent planning framework: planning instruments, approaches, guidelines
  - Spatial boundaries
  - Public participation and stakeholder engagement
  - Capacity building and networking
  - Models, case studies, practical evidence for replication
- Building on/strengthening existing governance structures and management strategies.
- Guided by the principles of sustainable development, integration and coordination, adaptive management (context responsive) and ecosystem-based management.
Thank you!
Wenxi Zhu is the Head of the UNESCO Intergovernmental Oceanographic Commission Regional Office for the Western Pacific (WESTPAC) and the Ocean Decade Coordination Office for the same region.

He brings over 20 years of substantial national and international program development and managerial experience related to ocean, playing a pivotal role in fostering international development cooperation in ocean science and technology in the region. He developed, coordinated and overseen the development of a broad spectrum of IOC international programs in the region, including the recent UN Ocean Decade Action: Accelerating marine spatial planning in the Western Pacific and Adjacent Areas.
UN Ocean Decade Action 21: Accelerating MSP in the Western Pacific

Wenxi Zhu, Zhiwei Zhang, Ario Damar, Sakanan Plathong
Ocean Decade Action 21

Leverage the opportunities of the Ocean Decade

**Vision:** ‘The Science We Need for the Ocean We Want’

**Mission:** To catalyse ocean science solutions to sustainable development—Connecting people and ocean
Ocean Decade Action 21

MSP matters to the region

Source: IMF World Economic Outlook

Challenges to sustainability

Regional MSPforum – Accelerating Marine Spatial Planning in the Western Pacific
Ocean Decade Action 21

MSP development status in the region

Source: Ehler, 2021

Development varies greatly from one country to another!
Objectives:
• Promote and accelerate MSP processes in support of the blue economy and SDGs, by developing cooperation, improving the capacity for MSP, and demonstrating MSP in the region.
• Apply and adapt the MSPglobal International Guide.

Key activities:
• A regional network of MSP experts and partners
• MSP Regional Forum
• MSPglobal adaptation and demonstration
• Transboundary MSP study
Thank you!