



THE EAST ASIAN SEAS CONGRESS 2015

Global Targets
Local Benefits

Setting the Sustainable Development Agenda
for the Seas of East Asia beyond 2015

16-21 November 2015 • Danang, Vietnam

Valuation Tools and Coastal Use Zoning: A step towards application in PEMSEA sites

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Outline of Presentation

1. Summary of presentations, key recommendations and conclusions
2. Challenges and opportunities in implementation
3. Opening of the panel discussion



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Key points

1. Valuation can contribute to effective protection of resources
2. Key to success is finding widest array values for the widest array of people (acceptability, social equity considerations)
3. Wealth of tools and methodologies on ecosystem services and benefits valuation, processes to application have been described (case studies and researchers are available)
4. Application of these tools are at varying levels and objectives - from a broad ocean zoning to specific species and habitat zoning (i.e., MPAs, manta rays, seagrass etc)
5. Tools are at different levels of sophistication and coverage





Two types of recommendations

Technical considerations

Creating theoretical frameworks, including definitions, assessment and evaluation methods
Incorporation of economic feasibility studies and EIA's

Refining of data

Using mixed methods to get a wider set of valuation results

ESV geared towards specific policy context

Linking ecosystem function to socio-economic benefits

Policy and decision-making considerations

Effective science communication

Case studies to generate informative materials

Strengthen interdisciplinary work

Need to create or collaborate on initiatives which promote increased knowledge and financial investments to protect, maintain and enhance natural resources

Importance of partnerships in creating a network for successful implementation

Challenges and Opportunities for ground implementation

CHALLENGES



Scant data: How much data is “sufficient”?



Resources:

1. Time element: How long will it take for these to be done and used for management?
2. Financial resources: Can local governments afford these?



Science and policy/management linkage: What happens to the data and research results?

OPPORTUNITIES FOR APPLICATION ON THE GROUND

1. **TOOLS and METHODOLOGIES.** Available from the presentations
2. **PEOPLE.**



Technical expertise within and outside the region (in this workshop)



PEMSEA Network of Learning Centers

3. **SITES APPLICATION.** Priority sites as identified under the SDS-SEA Scaling up Implementation



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Initial tools and methodologies

Focal Area	Baseline Tools	Socio-Economic Assessment Tools	Case studies
Habitat Restoration & Management	Participatory Coastal Resource Assessment (PCRA)	Socio-economic assessment (Socmon)	<ol style="list-style-type: none"> 1. Mapping 2. Valuation 3. Trade-off analysis 4. Spatial Emergy Valuation
MPAs	<ol style="list-style-type: none"> 1. Survey methods for tropical marine resources (English et al., 1997) 2. Fisheries Information to Sustain Harvest-BioEconomic Model (FISH-BE) 	<ol style="list-style-type: none"> 1. Participatory Coastal Resource Assessment (PCRA) 2. Socio-economic assessment (Socmon) 	<ol style="list-style-type: none"> 1. Marine Spatial Planning

PEOPLE, EXPERTISE, EXPERIENCE AND CASE STUDIES

1. Korea Maritime Institute, Korea Environment Institute
2. MARES
3. ASEAN Center for Biodiversity
4. Plymouth Marine Laboratory
5. WWF
6. UNIVERSITIES and Learning Centers (Bogor, Xavier, COMI, Prince of Songkla)
7. ECOFISH
8. COMI
9. ISPONRE

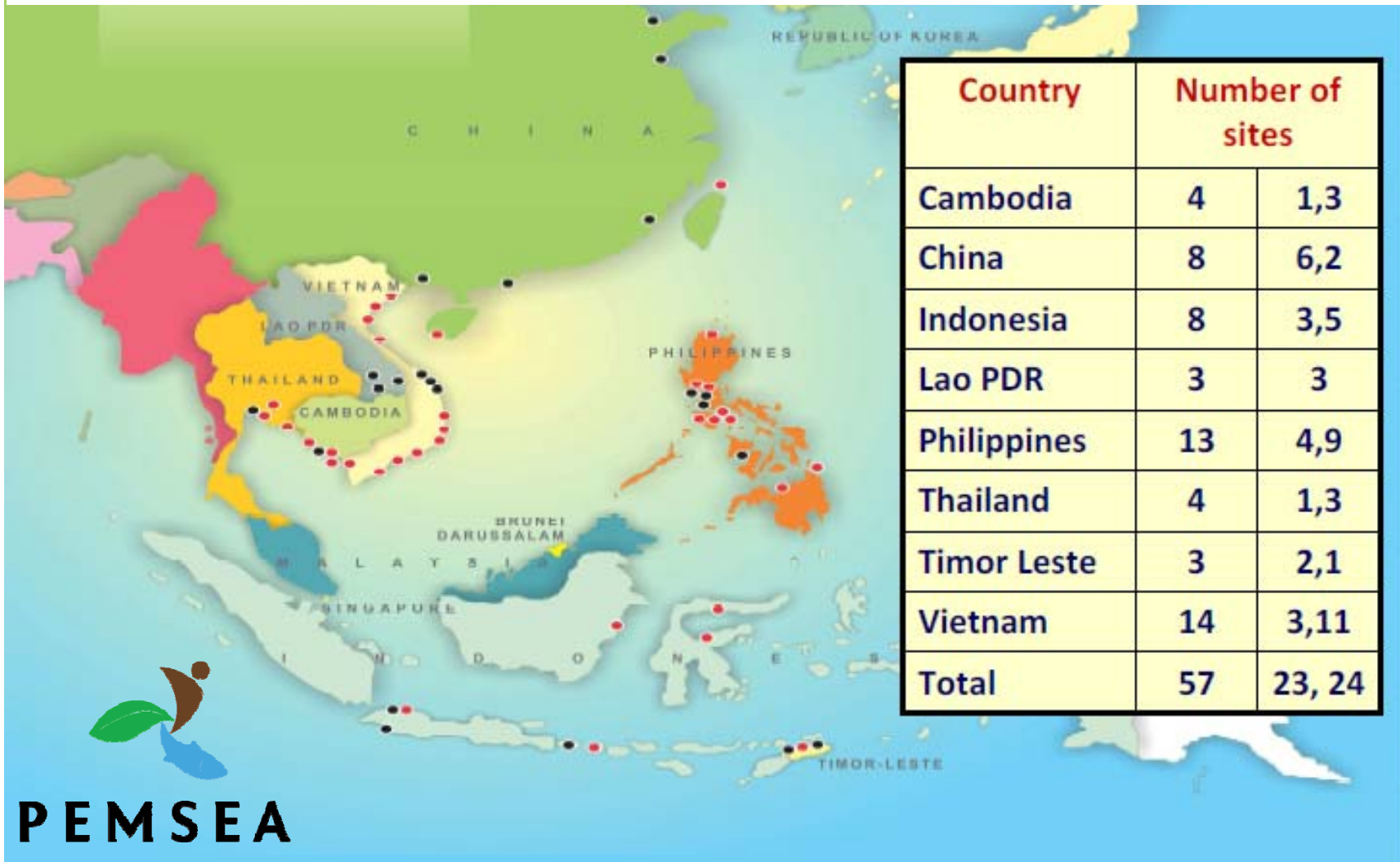


Areas of Expertise

- ICM
- MPA management
- Habitat restoration
- Biodiversity conservation
- Fisheries management
- Climate change adaptation
- Disaster risk reduction
- Ocean policy and governance
- Water resources conservation and management



Scaling up the Implementation of the Sustainable Development Strategy for the Seas of East Asia (SDS-SEA)








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	Habitat restoration, biodiversity conservation and MPA management	Sustainable fisheries and sustainable/ alternative livelihood	Water use and conservation and pollution reduction	Natural and man-made hazards management
Cambodia	3	1	1	1
China	4	2	1	1
Indonesia	5	3	2	1
Lao PDR		3	3	
Philippines	6	1	2	3
Thailand	1	1	1	1
Timor Leste	3	2		1
Vietnam	2	2	1	2
	24	15	11	10

So how and where do we go from here?

-  What are the priority/preferred tools and methodologies for valuation and coastal use zoning/ marine spatial planning that can be used at the local level?
-  What kind of training activities should be conducted to strengthen the skills of partners (i.e., University or research institutions) on the use of these tools?
-  What kind of information/case studies/manuals should be made available to support the application of these tools?
-  What kind of research should be done to support the use of these tools/methodologies?
-  Can we set up a network/use an existing network to assist local sites on valuation and zoning?

