

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

Contribution of Valuation Economy Study to the Zoning Process for Proposed Tun Mustapha Marine Park (TMP) and Semporna Marine Spatial Planning

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Zoning take an important part in the development process of gazzement of a propose Marine park or Marine Spatial Planning. Couple of studies needed such as Biodiversity baseline, community awareness, as well as Valuation Economy (VE) Study, However, VE study is mostly based on figures, while other tool that being used in the zoning process is using all information in spatial form in any area. So that the area needs to be divided by planning unit and each unit has to be assigning a value for a particular each area.

When TMP block the place for zonation it's already identify as protected area for exp Maliangin island as a no take zone and Balambangan island it has value for tourism and coral reef value. In the zoning tool (using Marxan), exercise is being made by key in the cost factor in the high population, identify what other layer that will impact the conservation of the area, it will be most costly in the highly populated or being used as fishing ground or identified as development. When Marxan do the modeling it will avoid the area that highly being used by fishery and high population. Other factor is the distance to the populated area. And the least cost to managed, the assumption is the easier to manage and enforce the regulation.

VE so far is being used to convince the government for their awareness on how much the area is highly important not only from the view of Marine Biodiversity but also from the economic point of view, sometimes this can also back fire and being seen as the potential area for investment. As academic exercise, show how the integration is can be useful for the government. But when the planning department needs to decide and on the implementing side, it is a challenge. To the government, what really cost to the government is matter. Government Issue is whether they want this valuation and zoning integration or not, For exp, for an Environment Protection Department has the authority only works in the issue of impact the water, pollution etc, but not the community's side and how they react with the certain development and benefit, are not being considered yet.



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About Monique Sumampouw:

Ms. Monique has more than fourteen years of professional experience in Environmental planning development and marine Coastal resources management project. Ms. Monique has provided papers and articles, Community research, design and development programmes relating to Marine and Coastal Management, Adaptation of Climate Change in the coastal area, sustainable development, spatial planning training/management, and other technical environmental program services. Providing technical assistance and consultancy for National Government of Indonesia, Local Government of Jakarta, North Sulawesi, East Kalimantan, Papua, West Papua, and Local and federal Government of Sabah state and Malaysia, Ms Monique has taken a leadership support to contribute the Indonesian Adaptation Strategy through the implementation of Friends of The Reef Project: Climate Change Impact and Adaptation strategy in particular sites and countries in Asia Pacific region including Philippines, Fiji, and Thailand under WWF Indonesia. Ms. Monique had also served as Senior Planner for USAID Marine Project in Indonesia, UNDP Indonesia as National Program Manager, and WWF Malaysia as Manager People and Marine Biodiversity.