

# Abstract

## SESSION 2:

Accelerating Actions for Sustainable Development and Climate Change

## WORKSHOP 2.1:

Scaling up ICM: Innovations and Impacts at Local, National and Regional Levels

## Coral Restoration and Conservation in Serangan Island, Bali, Indonesia: Turning Coral Miners into Conservation Advocates

### Ario Damar

Lecturer, Faculty of Fisheries and Marine Science  
Deputy Director, Center for Coastal and Marine Resources Studies  
Bogor Agricultural University  
Bogor, Indonesia



This presentation will share how community education, capacity building and empowerment has changed the behavior of people in Serangan Island in Denpasar, Bali, Indonesia from being destroyers of the environment to being active conservation advocates.

A large reclamation project in the mid-90s for a development that never materialized severely damaged natural coastal habitats in Serangan Island, with serious adverse consequences to local fishers who lost their fishing grounds and had to resort to illegal and harmful practices including cyanide fishing and coral mining in order to augment dwindling income from fisheries.

In 2003, a group of young coral miners, with increasing awareness on conservation from environmental campaigns in Bali, organized themselves into the Kelompok Nelayan Pesisir Karya Segara (Coastal Fishers Group of Karya Segara), which had the conviction to protect the coral reefs and environment in the island but not enough knowledge, capacity, and facilities to effect change.

Capitalizing on the community's willingness to improve and effect change, the Bali ICM Project chose Serangan Island as a pilot site for demonstrating ICM approaches for addressing priority local issues and needs, and engaged various government agencies and stakeholders in addressing the problems by empowering the community through education and awareness programs, strengthening the community organization by providing supporting facilities and necessary training on conservation of marine resources, and developing alternative livelihood opportunities linked to the conservation program.

The Coastal Fishermen Group of Karya Segara has since then been able to build a network of partners to sustain their conservation program, developed ecotourism services in collaboration with tourism entrepreneurs, and received in 2011 the Kalpataru award, the highest award given to individuals and groups in Indonesia for their contribution to environmental management.



THE EAST ASIAN SEAS CONGRESS 2015  
16-21 November 2015 • Danang, Vietnam

**Global Targets**  
**Local Benefits**

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

## **About Ario Damar:**

Ario Damar began his career in 1990 as an academic lecturer at the Faculty of Fisheries and Marine Science in the Bogor Agricultural University, and has continued to be of the academic staff. Since 1995, he works as a researcher/scientist at the Centre for Coastal and Marine Resources Studies at the Bogor Agricultural University. He became a scientist at the Coastal and Marine Ecology Working Group, Centre for Research and Technology West Coast in Germany from 1999 to 2003. His other professional experiences also include serving as a team leader at some coastal and marine environmental management studies related to ecosystem rehabilitation and ecosystem protection, and for studies on development of coastal environmental sensitivity mapping in Indonesia; facilitating central and local government in applying ICM in their planning and management in Indonesia; being part of the Blue Solution providers at GIZ Blue Solution Program for Marine Spatial Planning and Management Plan; served as a Country Coordinator for Marine Spatial Planning in Indonesia for COBSEA and MoEF of Indonesia Training Course; he was the Vice Coordinator for ICM Learning Centre in Indonesia for PEMSEA ICM Learning Sites in Indonesia; and served as the Coordinator for Coral reef and seagrass ecosystem vulnerability and its relation to climate change impact adaptation in Indonesia. PKSPL IPB - UNDP – MoEF Program in Indonesia.

Dr. Ario Damar received his Doctor in Biology Oceanography from the Faculty of Mathematics and Natural Sciences in the Christian Albrechts University in Kiel, Germany.