

## Enhancing the resilience of coastal wetlands to promote sustainable livelihoods in a changing climate

*Organizers:* CIFOR

Stream 2: Tackling Climate Change/ Widus Hotel/Room No. Vegas 1 & 2

Coastal wetlands ecosystems provide a wide range of goods and services, including timber/wood; fish/shellfish; protection of the inlands from high waves, storm surges, and tsunamis; and carbon stored in the ecosystem. Low-lying coastal wetlands are among the most vulnerable landscape to climate change/sea level rise and subsequent land-use change for economic development. Finding the balance between conservation and development including restoration, requires innovative actions to enhance the resilience of the ecosystems and minimize loss and damage for the society. It is widely accepted that climate change mitigation actions may go through various mechanisms recently adopted at COP21. In the context of wetlands, the need to familiarize the guidelines provided by the IPCC may be explored to enable countries to adopt them. These may be synergized with long-term adaptation strategies to cope with rising sea levels whereby options for local livelihoods may be considered.

The event will explore these existing mechanisms while considering national circumstances in terms of social, legal, and technical challenges. Engagement with the private sector may broaden opportunities to collaborate with the work of the public sector in coastal wetlands.

### Objectives

- To bring like-minded individuals together to explore the challenges and opportunities of climate change adaptation and mitigation in coastal zones
- To share information and experiences to improve understanding, preparedness and capacity to respond to climate change and sea level rise
- To explore a network of regional stakeholders who have a common interest in coastal wetland conservation and development in the region

### Expected output

A credible policy brief on the challenges and opportunities to enhance the resilience of coastal wetlands in the Asia Pacific region.

### **Program**

Presentations and moderated panel discussion with audience Q&A:

*Chair*

**Daniel Murdiyarso**, CIFOR, Bogor, Indonesia

*Speakers*

**Rafaela Delfino**, **Carlo Carlos**, and **Rodel Lasco**, the OML Center and the World Agroforestry Centre, the Philippines

The role of mangroves in super typhoon Haiyan-affected areas in the Philippines:  
Vegetation resistance, regeneration potential and social perceptions

**Vien Ngoc Nam**, Nong Lam University, Ho Chi Minh City, Vietnam  
Restoration of degraded coastal wetlands in the Mekong Delta

**Wahyu C Adinugroho and Haruni Krisnawati**, Forestry Research and  
Development, Indonesia  
Assessing mangrove C-stocks as part of MRV and national mitigation actions

**Taryono Darusman and Matthew Warren**, Puter Foundation and US Forest  
Service  
Mapping mangrove distribution and carbon storage in southern Papua, Indonesia

**Craig Jamieson**, World Agroforestry Centre, the Philippines  
Coastal wetland resilience: Unlocking the potential of mangrove palms

**Mulyadi Tantra**, Green Forest Products and Tech, Singapore  
Green coastal forestry for coastal development

*Discussant:*

**Ben Brown**, Charles Darwin University, Darwin, Australia