



## Theme 3: Restoration and Protection

Dorothee Herr & Patrycja Enet



## KNOWLEDGE GAPS & NEEDS

### EXAMPLES:

#### **Data/ new information**

- Accurate and detailed maps of extent and use of all types of coastal ecosystems (e.g. seagrasses);
- Knowledge about the current capacity of coastal and marine ecosystems to adapt and cope with climate and non-climate impacts;
- Implementing and developing measures for assessing the effectiveness of ecosystem-based adaptation (EbA) actions
- Adapting to impacts of climate change on the ocean: Offsetting the impact of ocean acidification and the role of mangroves and seagrass which take up carbon dioxide;
- Information and capacity to assess mitigation co-benefits of coastal ecosystems;
- A knowledge, capacity, expertise and practice deficit when it comes to the ocean;

#### **Action items/governance**

- Increasing actions to reduce the rate of coastal ecosystems degradation and halt historic habitat loss (mangroves, coral reefs ... );
- Strengthening institutional arrangements and policies for restoration;
- Involvement of Indigenous Peoples, women and local knowledge in restoration/protection efforts and benefit distribution;

# Restoration and Protection

---



Q1. What are the opportunities to address the gaps and enhance action?

- a) What are the actions that help ensure restoration and protection of coastal and marine areas?
- b) In your experience, what are concrete opportunities for nature- based solutions for climate adaptation, or ecosystem-based adaptation?
- c) What are the cross-cutting elements relevant for restoration and protection of coastal and marine ecosystems, such as improved data and inventories, or capacity building?

Q2. In light of the discussions today, what are some specific actions you think are relevant and could be undertaken by your organization, government or as collaborative action in the context of NWP focusing on this theme?

