Ocean Accounts

Introduction to Ocean Accounts Pilot Projects

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Objectives

• Test and apply the methodologies suggested in the draft technical guidance to inform national/provincial ocean priorities.

• Provide practical evidence and inputs to the revision/improvement process of the draft technical guidance.
## Process

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| Scoping assessment           | • Review existing ocean-related policy priorities, concerns, stakeholders, institutional mechanisms; existing data; constraints and opportunities  
• Suggest options for the pilot | Jan-May 2019                                  |
| 1<sup>st</sup> national workshop | • Ocean accounts/SEEA training  
• Review/discuss scoping report  
• Agree on pilot topic and geographical area  
• Develop work plan | Jan-May 2019                                  |
| Pilot implementation        | • Conduct the pilot project  
   - Technical support from local consultants and ESCAP                                          | May-Oct 2019    |
| 2<sup>nd</sup> national workshop | • Review/discuss pilot results  
| Regional workshop           | • Present pilot results  
• Share lessons learned  
• Discuss next steps                                      | Nov 2019        |
Diagnostic tool

- Focuses on strategic planning for implementing environment statistics
- Guides structured conversations among stakeholders
- Identifies policy priorities, foundational information, stakeholders and institutional mechanisms
  - Necessary to develop a national work plan for improving environment statistics
Diagnostic tool

Understand 

Agree 

Develop 

Leverage 

Inform 

Achieve 

Understand the context

Policy tools

Institutional mechanisms

Stakeholders

Role of NSO

Other statistical dev. activities

Existing knowledge/data sources

Agree on priority/feasible statistics and accounts

Develop a work plan to leverage opportunities and address constraints

Inform priority environmental concerns (air pollution, water supply...)

National vision for development that everyone can agree with.

Policy priorities & Environmental concerns

+ Opportunities

- Constraints

National vision
Thailand

- Lead agency: National Statistical Office
- First workshop: 15 Jan 2019
- Pilot topic: Sustainable tourism - linkages between tourism, the environment and the ocean
  - Stage I: TSA-SEEA (water, energy and solid waste accounts)
  - Stage II: Mapping land cover, tourism and ecosystem information to identify tourism potentials and sites for conservation
  - Stage III: Building scenarios to inform decisions on tourism sustainability
- Geographical scope: five Andaman provinces (Phang Nga, Phuket, Krabi, Trang, and Satun)
- Second workshop: 15 Oct 2019
Malaysia

• Lead agency: Department of Statistics
• First workshop: 4-5 Apr 2019
• Pilot topic: Living resources in Straits of Malacca
  • Stage I: Test accounts and change matrix of selected ecosystem extent and conditions (water quality → mangroves → fish catch)
  • Stage II: Test valuation of selected ocean services
• Geographical scope: Straits of Malacca
• Second workshop: 17-18 Oct 2019
Viet Nam

• Lead agency: Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE)
• First workshop: 23-24 Apr 2019
• Pilot topic: Land-based pollution, tourism and ecosystem impacts
  • Stage I: Estimating and allocating land-based pollution (wastewater, solid waste, BOD etc. → shipping, offshore mining etc.) to drainage basins
  • Stage II: Mapping ecosystems (extent, conditions, services) and designated uses
  • Stage III: Estimating impacts of tourism on ecosystems
• Geographical scope: Quang Ninh province
• Second workshop: 10-11 Oct 2019
Samoa

- Lead agency: Ministry of Natural Resources and Environment
- First workshop: 7-8 May 2019
- Pilot topic: Sustainable tourism - accounting for the environment and selected ocean factors
  - Stage I: Developing a test Tourism Satellite Account (TSA)
  - Stage II: TSA-SEEA (water, energy, solid waste and possibly land)
- Geographical scope: national
- Second workshop: 7-8 Oct 2019
China

- Lead agency: Fourth Institute of Oceanography
- First workshop: 15-16 May 2019
- Pilot topic: Ecosystem mapping in Beihai Bay
  - Stage I: Creating change matrix of key ecosystem types (mangroves, coral reefs, etc.)
  - Stage II: Analyzing important ecosystem conditions
  - Stage III: Calculating changes in essential ecosystem services
- Geographical scope: Beihai Bay, Guangxi province
- Second workshop: 24-26 Sep 2019
Canada

• Lead agencies: Fisheries and Oceans, Statistics Canada
• First workshop (23 Sept 2019)
• Pilot topics:
  • Ecosystems extent and condition
    • Developing spatial framework (hexagons)
    • Inventorying and integrating spatial data
  • Expanding existing marine economy accounts
    • Estimates for marine tourism & recreation; private ports
  • Non-market valuation (ecosystem services)
    • Adopting common approaches, aligning with SEEA-EEA revision
• Geographical scope: National
Thank you!