Virtual Expert on Ecosystem Accounting

Session on Ocean Accounts: Thailand

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20-Year National Strategy Framework, Thailand

1. Security
2. Creating competitiveness
3. Development and creating capacity
4. Creating opportunity, equality and equity in society
5. Creating growth on the basis of quality of life that is friendly to the environment
6. Maintaining balance and development of processes in the management of government affairs

12th National Economic and Social Development Plan, Thailand
Stakeholders:
Need data for tourism sustainability for planning and management on over-tourism/carrying capacity including effect to environment and marine protected area.

Reference areas:
Tourism Development Cluster Andaman (Phuket, Krabi, Phang Nga, Trang, Satun province)

Reference Year: 2016

Data sources
- Tourism Satellite Accounts (TSA) and I/O tables in the Andaman Tourism Development Cluster
- Research on SEEA-Blue economy from The National Center for Genetic Engineering and Biotechnology (BIOTEC)
- Official statistics, Geo Spatial data including land use data from related agencies
Major results

Water
- Non-tourism: 44%
- Tourism: 26%
- Inbound: 18%
- Domestic: 3%
- Own-use for production: 5%
- Losses in distribution: 39%

Energy
- Non-tourism: 43%
- Tourism: 57%
- Inbound: 48%
- Domestic: 9%

Waste
- Non-tourism: 74%
- Tourism: 26%
- Inbound: 22%
- Domestic: 4%

GHG
- Non-tourism: 28%
- Tourism: 72%
- Inbound: 49%
- Domestic: 23%
Major results

Risk areas of over carry capacity tourism, in Andaman Cluster, 2016

Risk area ranking criteria

- Density of population > 900 capita / Km2 and properly waste collection, treatment and disposal < 50% and 3 types of natural resource
- Density of population > 900 capita / Km2 and properly waste collection, treatment and disposal < 50% and 2 types of natural resource
- Density of population > 900 capita / Km2 and properly waste collection, treatment and disposal < 50% and 1 types of natural resource
Pilot Project on the Integration of Ocean Account, OHI+ and MSP, at Ao Phang Nga, Thailand

- **Area Goals**
  - Goal 1
  - Goal 2
  - Goal N

- **Area Targets**
  - Target 1
  - Target 2
  - Target N

- **Ocean Health Index (OHI)**

- **Marine Spatial Planning (MSP)**

- **Ocean Account (OA)**

- **Data**
  - Data 1
  - Data 2
  - Data N
Thank you!