

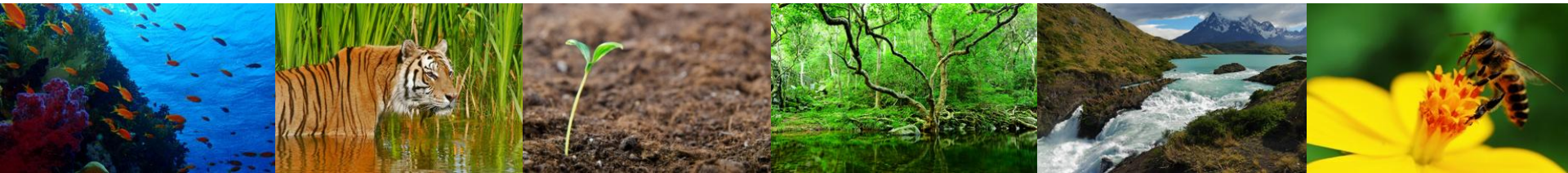


*Wealth
Accounting
and Valuation
of Ecosystem
Services*

WAVES PHILIPPINES

WAVES Global Partnership Meeting
2-4 April 2012

Margarita R. Songco
Undersecretary
National Economic and Development Authority



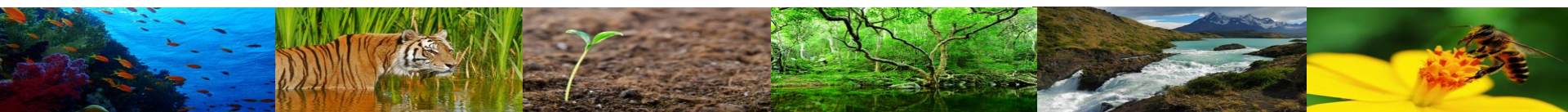
PHIL-WAVES: Phase 1 Feasibility Study



Four Parts of the Feasibility Study

1. Learning from past experiences
2. Designation of lead implementing agency and organization of the steering committee
 - a. Lead Agency: National Economic and Development Authority
 - b. Steering Committee: National Statistical Coordination Board (NSCB) Executive Board and additional members
3. Identification of current and emerging policy issues
4. Assessment of the Philippine Statistical System for implementing WAVES

| Date | Activity | Participants |
|--------------------|---|---|
| 8 March 2011 | Orientation Workshop | Key Agencies |
| 24 March 2011 | East Asia Video Conference | Key Agencies |
| 1-2 September 2011 | Orientation on the SEEA 2012 by the Australian Bureau of Statistics | Key Agencies |
| 22 March 2012 | WAVES Steering Committee Meeting | NSCB Executive Board and Additional Members |



PHIL-WAVES: Phase 1 Feasibility Study

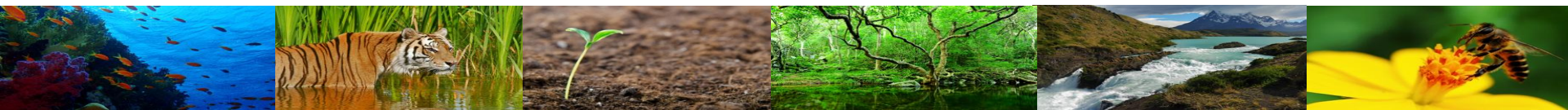


Findings of the Feasibility Study

- ❖ Given the existing latent capacity, the institutionalization of SEEA 2012 will restart with training
- ❖ Pending bills on institutionalization and reorganization of the Philippine Statistical System offer opportunity for the institutionalization of SEEA
- ❖ WAVES Philippines will facilitate synergy among various environmental, natural resource and rural development agencies
- ❖ There is considerable demand for resource valuation due to pressing policy issues

Lessons Learned

- ❖ Implementation requires concerted effort among statistical agencies, environmental agencies, economists, and policymakers
- ❖ It is important to take an incremental or staged approach
- ❖ Policy reforms is achieved by involving stakeholders at the start of the process, and engaging decision-makers with regular briefings



PHIL-WAVES: Phase 2 Implementation

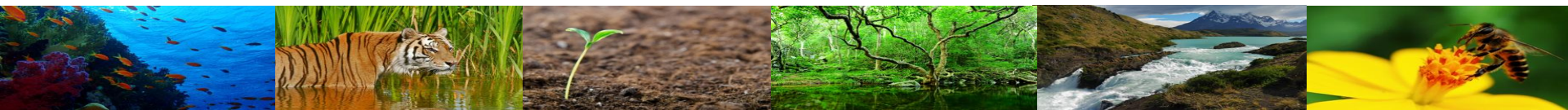


Philippines and the WAVES Global Partnership Program

- ❖ WAVES is in line with the President's aim for evidence-based decisions
- ❖ Past Institutionalization efforts provide a solid foundation
- ❖ The UN Commission on Economic and Environment Accounts recently endorsed the SEEA 2012 Handbook
- ❖ The Philippine Development Plan (PDP) 2011-2016 and the National Climate Change Action Plan (NCCAP) support resource accounting and valuation

Components

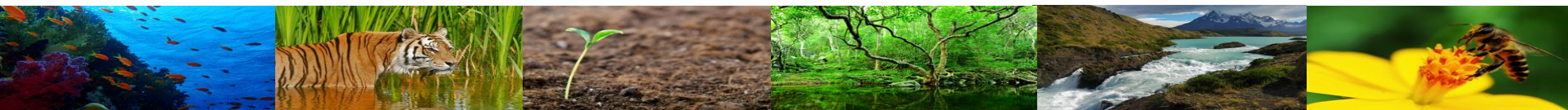
- ❖ Training
- ❖ Construction of national natural asset and ecosystem accounts
- ❖ Construction of sub-national natural asset and ecosystem accounts
- ❖ Construction of macroeconomic indicators and setting of sectoral key performance indicators (KPIs) to support the Philippine Development Plan
- ❖ Major NSCB-activities for accounts on Tourism, Produced Capital, Water



PHIL-WAVES: Priority Policy Issues



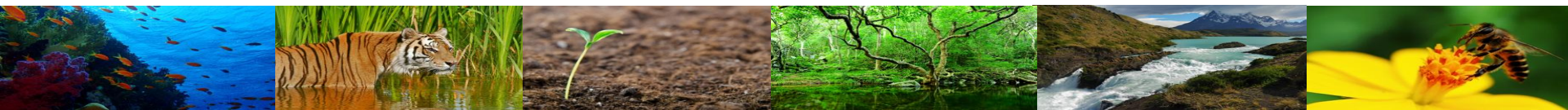
| Sector | Policy Issues | Environmental Concerns |
|-------------------------------|---|---|
| Agricultural Land | Food security, Declining Productivity, Competing land uses, Climate change | Watershed management, Irrigation, Soil erosion, Groundwater contamination |
| Forest land | Deforestation, Watershed and Protected area management, Competing land uses | Downstream water supply, Siltation, Increasing upland population, Geohazards, Conservation |
| Minerals | Economic contribution, Resource rents, Distribution of benefits, Government incentives, Governance, Regulation of small-scale mining, | Responsible mining, Environmental damages, Sustainability of income from mining |
| Water | Potential water scarcity, Deterioration of watersheds, Low sewerage coverage | Deficient watershed management , Siltation, Pollution, Saltwater intrusion |
| Fisheries, coastal and marine | Overfishing, Competition among user groups, Scaling up conservation , Undervalued economic activities | Size of coastal settlements, Risks from Climate change and geo-hazards, Ecosystem degradation , Sustainable tourism |
| Tourism | Benefit to the poor, competing land use | Environmental management in tourist areas |
| Energy | High cost, efficiency, energy mix | Geothermal energy in protected areas |



PHIL-WAVES: Country Plan



| Component | Activities |
|--|--|
| 1. Capacity development for the Institutionalization of SEEA | Training on SEEA 2012 Central Framework, Construction of the Natural Asset Accounts, Water, Energy Accounts, Material Flow and Pollution, Land and Ecosystem Accounts (part 1) |
| 2. Development of data and tools for examining cross-cutting issues and policy applications | Tourism Satellite Accounts; Land and Ecosystem Accounts (part 2); 2006 I-O Table with SEEA data/Social Accounting Matrix; Spatial dimensions of socio-economic data ; Policy scenario analysis |
| 3. Construction of national natural asset and ecosystem Accounts, Policy Applications | Construction of physical and monetary accounts: Fisheries, Minerals, Water, Forest, Marine resources; Ecosystem Services: accounting and valuation; national policy applications |
| 4. Construction of sub-national natural asset and ecosystem accounts and policy applications | Accounting for and valuing natural assets and ecosystem services in 10 sites: for local policy applications and approaches for scaling up values. |
| 5. Construction of Macro-economic Indicators and Sectoral Indicators; | NEDA Policy Applications: rent capture, reinvestments, income effects, competitiveness. |



Audiences for information indicators and accounts (adapted from ABS)



Data users

Decision makers & wider public:
Cabinet, NEDA, PCSD

Indicators

Headline Indicators:
ANS, ANI;
Indicators on specific
sectors, stakeholders

Advice

Managers and analysts:
DENR, DA, DOT, LGUs

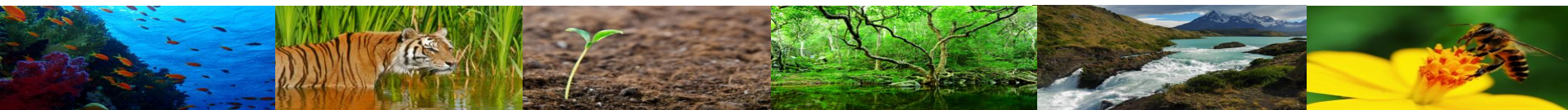
**SEEA Standard tables
Supplementary tables
by NSCB**

Advice

Researchers:
Think tanks

Basic data:
NSO, DENR, agencies; academe; NGOs

Data and information providers





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