SEVENTH WAVES ANNUAL PARTNERSHIP MEETING

Panel on Land and Ecosystem Accounts

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Background of Pilot Ecosystem Accounts in the Philippines

Philippines Population (LIVE)

103,676,796

Source: Phil. National Greening Program report

http://www.worldometers.info/world-population/philippines-population/
Southern Palawan Ecosystem Accounts

- Low financing for mgt of large protected areas
- Emergent water supply limits; increased pollution of coastal areas
- Land use incompatible with zoning
- Low financing of NR management and enforcement

**SOUTHERN PALAWAN**
- Land Account
- Carbon Account

**MUNICIPALITY OF SOFRONIO ESPANOLA**
- Ecosystem Condition Account
- Ecosystem Service Supply And Use Account

**PULOT WATERSHED (in S. Espanola)**
- Land Account
- Carbon Account
- Ecosystem Condition Account
- Ecosystem Service Supply And Use Account
- Ecosystem Asset Account
Laguna de Bay Basin/Region

- Fisheries
- Irrigation
- Domestic water supply
- Navigation
- Industrial cooling
- Hydropower supply
- Flood reservoirs
- Recreation

Issues
- Rapid expansion of settlement; urbanization
- Pollution from industries, households, agriculture
- Continued clearing of vegetation; lake siltation
- Flooding of settlements
- Declining fishery production; invasive species

900 km²
Issues on Land and Natural Resource Use Policies Addressed by Land and Ecosystem Accounting

Divergent implementation of land use policies

Land zoning and use conflicts; degradation of ecosystem services; threaten natural res. sustainability

Conservation vs. Conversion, and Allocation of Land and Natural Resources

Ecosystem Services ↔ Economic production Trade-offs and Sustainability Issues
Uses of the Ecosystem Accounts

Policy Uses of Accounts

- Improving local land use zoning and planning
- Enhancing rehabilitation/reforestation
- Location of industries, shoreland development, reclamation, mining
- Allocation of water for various demands

Future Directions of Uses

Evidence of policy: declining terrestrial and coastal natural capital
Challenges in Building Ecosystem Accounts

- Data availability, sufficiency and validity
- Capacity to apply the new methods/approaches (UN SEEA EA Technical Recomm.)
- Local experts support
- Competing with regular work of government working groups
- Timeliness of accounting information
Challenges to make the accounts policy relevant and reach a broader constituency of users

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<tr>
<th>Challenges</th>
<th>Actions Taken</th>
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<td>• Political changes and program changes</td>
<td>• Policy dialogues at different levels</td>
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<td>• Banner programs approaches</td>
<td>• Sustained communication: briefings, orientation, trainings and workshops</td>
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<td>• Usefulness of accounts for local managers</td>
<td>• Inclusion in Annual Workplans, Target Outputs, and Outcomes for Evaluation</td>
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### Role Played by WAVES

- **Catalyst** for renewed participation of stakeholders and demand for capacity building
- **Initiator** in creating and sustaining working groups and capacitation of government personnel
- **Providing expertise** in ecosystems accounting
- **Pump priming resources** that stimulated government funding

### Outcomes of WAVES Support

- Sustained engagement of government working groups
- Stimulated policy discussion and sharing of data
- Increased the level of technical knowledge on ecosystem accounting
- Inclusion of Ecosystem Accounting in the Philippine Development Plan, and local land use planning
- Inclusion of ecosystem accounting in regular budgeting
Next steps for the Philippines

**Scaling Up**

- Scaling up of pilot accounts at the regional and national level
- Institutionalization of ecosystem accounting in different levels of governance

**Capacity Building**

- Sustained development of a cadre of local experts and resource persons to continue EA
- Sourcing funds to continue the capacity building of working groups
Sustaining Ecosystem Accounting in the Philippines

- Clearly link the accounts to issues and policy concerns in environment and natural resources management
- Sustain demand and motivation of government in pursuing ecosystems accounting
- Involve stakeholders in the various phases of accounts development