Community-based Valuation and Management of Environmental Services in Mexico, the Philippines and Vietnam

Mexico
Payment for Environmental Services:
The Greening of the Mexican Forest Ejido
- SEMARNAT
- INE/CONABIO
- CIDE
- IBEROAMERICANA

Philippines
Identification/Valuation of Env. Services at Lake Sebu, Mindanao (address “de-adoption”)
- Watershed committees
- UPLB
- DENR/DAR

Vietnam
Designing Incentives for In-situ Conservation of Biodiversity (tropical home gardens & traditional farming systems)
- IPGRI
- CRES/Univ. Hanoi
- MINISTRY OF ENVIRONMENT

U.C. Berkeley/SANREM
- CSRD
- ARE
- Beahrs ELP

SEARCA

NATIONAL PROGRAM
“Cruzada por los Bosques y El Agua”

PILOT PROJECT
2003+

SANREM PROJECT (2003-2006)
- participatory approaches
- ejido capacity-building
Research Hypotheses

- **Hypothesis 1**: Use of participatory investigative techniques add significant value to understanding the causes and patterns of deforestation and “de-adoption” of conservation activities (conversion to market gardening in Vietnam).

- **Hypothesis 2**: Inclusion of needs assessment and capacity-building components will significantly increase *ejido*/farmer PES participation levels and program effectiveness.

- **Hypothesis 3**: Investment in community capacity-building on environmental services will narrow the gap between private and social land use “optima”, irrespective of participation in particular PES or conservation programs.
SANREM PROJECT
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Research activities, approach and methods

• **Year 1**: Conduct Community Participatory Appraisals (CPAs) in ten target *ejidos*, Philippines and Vietnam. Explore opportunity costs associated with conservation. Design capacity-building components based on appraisal results and needs assessments.

• **Year 2**: Organize, facilitate and evaluate capacity-building workshops. Provide support to the Mexican pilot project evaluation and design of national PES program. Assess government and market-based options to compensate farmers for site-specific environmental services in the Philippines. Develop a menu of economic incentives for *in situ* conservation of biodiversity in Vietnam. Commission research papers from all three teams.

• **Year 3**: Organize and carry-out cross-field site visits (Mexico, Philippines, Vietnam). Organize and conduct a cross-learning global workshop. Support training of trainers for *ejido*-based participatory research and capacity-building components of national PES program. In the Philippines and Vietnam, assist agricultural extension to develop community-based capacity-building programs in valuation, management and monitoring of environmental services.