

## WORKSHOP ON INSTITUTIONS FOR ECOSYSTEM SERVICES

### IFPRI Conference Room 4BC

### October 27-29, 2014

Ecosystem services are proving to be fertile ground for both research and policy. Researchers have categorized and delineated the various kinds of ecosystems services, studied their interactions, and developed techniques for assessing their stock, modeling their flows, and assigning monetary values to some. Policymakers have used the concept of ecosystem services to account for the consequences likely to result from development interventions or policy initiatives. An ecosystem services perspective helps to internalize externalities, making visible and salient potential costs and benefits and distributional/social equity issues that might otherwise have been invisible, ignored, or excluded from economic evaluation. Examples of the policy applications of ecosystem services include most obviously the numerous payment for ecosystem services (PES) schemes in practice today, but also the many cost-benefit analyses that have been improved by a greater appreciation for the value (cost) of preserving (destroying) a given ecosystem.

Understanding the full suite of ecosystem services in a given context, instead of focusing on a single resource at a time, has undoubtedly deepened and broadened our understanding of the complex ways livelihoods interact with stocks of natural and human capital. This perspective, however, raises important new questions for resource management. As Ostrom (2009) argued, a challenge to understanding and managing natural resources sustainably is the diversity of concepts and languages used by the various scientific disciplines to describe these “social-ecological systems” (SEs). This calls for research that spans disciplines, bringing together biophysical and social scientists, and appropriate tools and methods that can be used in such research.

Of particular relevance to the question of how to *manage* ecosystem services is the issue of institutions, which encompass a variety of arrangements that influence smallholder decisions about the use of their land and resources. These include formal state institutions and markets, but also encompass local-level, customary, collective action, and informal institutions that regulate the use, access to, and distribution of benefits from the natural resources and ecosystems. Ecosystem services may introduce additional institutional requirements. They might, for example, require that careful attention be paid to issues of property rights and secure tenure, requiring local actors to interface with environmental service markets at new scales, or encouraging the formation of new collective action institutions to manage ecosystem service producing resources, enforce rules, and distribute benefits. In addition, new institutional challenges are created by efforts to scale-up existing programs to cover larger landscapes. This research workshop will present studies that focus on identifying the institutions that are necessary for recognizing, supporting, and scaling ecosystem services in agricultural landscapes and the interventions that can strengthen these institutions.

The objectives of this workshop are to:

- Encourage sharing and discussion on research methods and tools to study the links between institutions and ecosystem services
- Synthesize lessons about institutional arrangements needed to ensure that ecosystem services projects are able to deliver benefits to local resource users and produce local, regional, and national global environmental benefits
- Identify policies and program interventions that can strengthen these institutions
- Outline priorities for future research, policy, and project implementation, particularly of relevance for PIM, WLE, and FTA programs

## Monday, October 27, 2014

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| 9:00 – 10:00 am  | <b>Introductions and CRP Research Presentations (PIM, WLE, and FTA)</b>  |
| 10:00 – 11:00 am | Keynote Presentation: <b>John Kerr, Michigan State University</b> “Institutions, Ecosystem Services and Collective Action”   |
| 11:00 – 11:30 am | <b>Coffee-Break</b>  |
| 11:30 – 1:00 pm  | <b>Research Presentations I:</b><br>“Institutional Innovation, Livestock Corridors, and Ecosystem Services in Agropastoral Drylands”, <b>Erin Kitchell, University of Madison-Wisconsin</b><br>“Ecosystem services managed by traditional institutions: lessons from payment/reward schemes in Sulawesi”, <b>Elizabeth Linda Yuliani, CIFOR</b><br>“Exposure to natural resources influences people’s awareness of ecosystem services: Evidence from rural communities in Nigeria”, <b>Wei Zhang, IFPRI</b>  |
| 1:00 – 2:00 pm   | <b>Lunch</b>   |
| 2:00 – 3:30 pm   | <b>Research Presentations II:</b><br>“Assessing the impact of conservation incentive mechanisms in smallholder farmer collective action contexts through the development and testing of an agrobiodiversity-relevant ecosystem services indicator framework”, <b>Adam Drucker, Bioversity</b><br>“Farming with Alternative Pollinators (FAP) – sustains and enhances ecosystem services of pollinators without PES”, <b>Stefanie Christmann, ICARDA</b><br>“Institutional mechanisms to conserve ecosystem services in the East Kolkata Wetlands (EKW): A case for the bio-rights approach”, <b>Priyanie Amerasinghe, IWMI</b> |
| 3:30 – 4:00 pm   | <b>Coffee-Break</b>  |
| 4:00 – 5:15 pm   | Working Groups   |
| 5:30 – 7:00 pm   | <b>Reception at IFPRI [pre-conference area]</b>  |

## Tuesday, October 28, 2014

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| 9:00 – 9:45 am  | Reporting Back from Monday and Overview of Day’s agenda and goals  |
| 9:45 – 10:45 am | <b>Research Presentations III:</b><br>“Local Institutions & Household Delivery of Ecosystem Services under China’s Conversion of Cropland to Forests Program”, <b>Michael Bennett, Forest Trends</b><br>“Effects of local institutions on agroforestry innovations adoption: Evidence on farmer managed natural regeneration and its implications on rural livelihoods in the Sahel”, <b>Joachim N. Binam, ICRAF</b> |

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| 10:45 – 11:15 am | <b>Coffee-Break</b>   |
| 11:15 -12:45 pm  | <p><b>Research Presentations IV:</b></p> <p>“Political and institutional determinants of policy design in incentive-based forest conservation: evidence from Brazil, Ecuador, and Peru’, <b>Hugo Rosa d Conceição, University of Bonn</b></p> <p>“Institutional set-ups for dealing with complex human-ecosystem interactions: The development of benefit-sharing mechanisms in the Coello watershed and implications for national and global development policy planning’, <b>Andréa Nowak, CIAT</b></p> <p>“The Role of Policy and Institutional Framework in PES Implementation: A case study of Sasumua watershed, Kenya”, <b>J. K. Mwangi, Jomo Kenyatta University of Agriculture and Technology, Kenya</b></p> |
| 12:45 -2:00 pm   | <b>Lunch</b>  |
| 2:00 – 3:30 pm   | Working Group: Synthesizing lessons learned   |
| 3:30 – 4:00 pm   | <b>Coffee-Break</b>   |
| 4:00 – 5:15 pm   | <b>Working Groups:</b> Research Agenda for Institutions for Ecosystem Services  |

## Wednesday, October 29, 2014

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| 9:00-10:30          | <b>Developing research, Building synergies:</b> Open space for workshop participants to present ideas for new research, receive feedback, and identify potential partnerships                   |
| 10:30-11:00 am      | <b>Coffee</b>   |
| 11:00 am – 12:30 pm | <b>Moving Forward on Ecosystems Services: An Institutional Research Agenda</b><br>Open session to present new research agenda/questions and tools to outside participants, discussion to follow |
| 12:30 -2:00 pm      | <b>Lunch</b>  |

## END OF WORKSHOP