



AAG Annual Meeting

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Paper Session:

3239 Paths toward Sustainable Payments for Ecosystem Services--II

is scheduled on Thursday, 4/10/2014, from 10:00 AM - 11:40 AM in Room 39, TCC, Fourth Floor

Sponsorship(s):

Spatial Analysis and Modeling Specialty Group
Geographic Information Science and Systems Specialty Group
Human Dimensions of Global Change Specialty Group

Organizer(s):

[Li An](#) - San Diego State University
[Stephen Crook](#)
[Conghe Song](#) - UNC Chapel Hill

Chair(s):

[Conghe Song](#) - UNC Chapel Hill

Abstract(s):

10:00 AM Author(s): *Anand R Roopsind - Iwokrama International Centre; University of Florida
Raquel Thomas, Phd - Iwokrama International Centre
Angela Franklin, MSc - Iwokrama International Centre

Abstract Title: *Institutional requirements for monitoring and benefit sharing in PES schemes: A case study from Guyana.*

10:20 AM Author(s): *Brian E Robinson - McGill University
Hua Zheng, PhD - Chinese Academy of Sciences

Abstract Title: *Ecosystem services for whom? A spatial assessment and modeling of the distribution of benefits from ecosystem services*

10:40 AM Author(s): *Armando Sanchez-Vargas - National Autonomous University of Mexico
*Diana Del Cisne Encalada-Jumbo - Universidad Técnica Particular de Loja

Abstract Title: *Climate Change and Households' Willingness to Pay for Protecting High Quality Water and Its Provision in a Small Basin at Ecuador*

11:00 AM Author(s): *Aaron M Lien - University of Arizona, Udall Center for Studies in Public Policy

Abstract Title: *Build it and They Will Come? Payments for Watershed Services in the Delaware River Basin*

11:20 AM Author(s): *Conghe Song - UNC Chapel Hill
Xiaodong Chen - UNC Chapel Hill
Ying Mei - Anhui Agricultural University
Qi Zhang - UNC Chapel Hill

Abstract Title: *Contrasting the Impacts of China's Sloping Land Conversion Program and Natural Forest Protection Program on Participating Farmer's Livelihood*

Session Description: Payments for ecosystem services (PES) are direct incentives paid to resource users to take actions (or to refrain from previous actions) to secure ecosystem services such as clean air and water, food, soil fertility, forest resources, and eco-tourism. Governments, the private sector, and many non-governmental organizations worldwide invest billions of dollars each year in PES programs. Despite reported successes in restoring and conserving ecosystems and their corresponding services, lack of sustainability has become a serious concern for many PES programs worldwide; one of the problems is that PES participants may return to their previous behavioral patterns when payments end.

This session will explore possible pathways toward PES sustainability, addressing the complex reciprocal relationships between PES programs and corresponding socioeconomic, demographic, and environmental systems. We particularly encourage review and research articles to address theoretical, methodological, and empirical issues related to (but not limited to) the following topics:

1. Potential mechanisms for successful (or unsuccessful) PES programs
2. Ecological effects of PES programs (e.g., wildlife habitat or behavioral change, biodiversity change)
3. Socioeconomic, demographic, and political consequences of PES programs
4. Methodological issues: collection of qualitative and quantitative data related to PES, data analysis and modeling, application of GIS techniques and spatial statistics, integration of multidisciplinary and multi-scale data, and addressing complexity in PES related coupled natural and human systems (CNH). Analyses using similar integrated frameworks including coupled human and natural systems (CHANS), social-ecological systems, or social-environmental systems are also welcome.

This session (sessions) is co-sponsored by the AAG Spatial Analysis and Modeling group, the Geographical Information Science and Systems group, and the Human Dimensions of Global Change group. To be considered for the sessions:

1. Please register and submit your abstract online following the AAG Guidelines (<http://www.aag.org/cs/annualmeeting>); and
2. Please send your paper title, PIN, and abstract no later than Tuesday, December 3 to Stephen Crook (scrook@gmail.com) and cc to Dr. Li An (lan@mail.sdsu.edu).

New Query