



AAG Annual Meeting

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Paper Session:

5160 Payments for Ecosystem Services: Paths toward Sustainability (I)

is scheduled on Saturday, 4/25/2015, from 8:00 AM - 9:40 AM in Field, Hyatt, West Tower, Silver Level

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
[Conghe Song](#) - Univ of North Carolina at Chapel Hill
[Xiaodong Chen](#) - University of North Carolina at Chapel Hill

Chair(s):

[Stephen Crook](#) - San Diego State University

Abstract(s):

8:00 AM Author(s): *Caitlin Toner - Macalester College

Abstract Title: *Examining The Effects of Ecotourism in the Lashi Wetlands*

8:20 AM Author(s): *Heng Cai - Louisiana State University

Nina Lam - Louisiana State University
Yi Qiang - Louisiana State University
Kenan Li - Louisiana State University
Lei Zou - Louisiana State University

Abstract Title: *Assessing the Dynamics of Coastal Resilience Using Bayesian Networks*

8:40 AM Author(s): *Li An - San Diego State University
Richard Bilsborrow - University of North Carolina, Chapel Hill
Xiaodong Chen - University of North Carolina, Chapel Hill
Shuang Yang - San Diego State University
Stephen Crook - San Diego State University

Abstract Title: *Payments for ecosystem services: mechanisms behind local people's enrollment decisions*

9:00 AM Author(s): *Xiaodong Chen - University of North Carolina at Chapel Hill
Li An - San Diego State University
Conghe Song - University of North Carolina at Chapel Hill

Abstract Title: *Payments for Ecosystem Services in A Coupled Human and Natural System*

9:20 AM Author(s): *Debaleena Majumdar, PhD Student - School of Geographical Sciences and Urban Planning
Elizabeth Mack, Assistant Professor - School of Geographical Sciences and Urban Planning
Samantha Samples - School of Geographical Sciences and Urban Planning

Abstract Title: *Towards understanding and defining 'Green' Jobs: a comprehensive*

literature review

Session Description: Payments for ecosystem services (PES) are direct incentives paid to resource users to take certain actions, or refrain from them, to secure ecosystem services, such as clean air, clean water, fertile soil, forests, and eco-tourism.

Government entities, the private sector, and 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. An emerging problem is that PES participants may return to their previous behavioral patterns when payments end. This session will explore possible pathways toward PES sustainability, including addressing the complex and sometimes reciprocal relationships between PES programs and related socioeconomic, demographic, and environmental systems. We particularly encourage research that addresses theoretical, methodological, or empirical issues related to (but not limited to) the following topics:

1. Potential mechanisms for successful (or unsuccessful) PES programs;
2. Socioeconomic, demographic, and political consequences of PES programs;
3. Methodological issues: collection of qualitative and quantitative data related to PES, data analysis and modeling, applications of GIS techniques and spatial statistics, integration of multidisciplinary or multi-scale data, and addressing complexity in PES related coupled natural and human (CNH) systems. 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 Wednesday, November 20, to:

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