



## AAG Annual Meeting

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### Paper Session:

#### 3277 Land Systems Science Symposium: Analysis and Modeling of Change II

is scheduled on Thursday, 4/11/2013, from 10:00 AM - 11:40 AM in Heinsbergen, Biltmore, Lobby Level

#### Sponsorship(s):

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

#### Organizer(s):

[Richard Aspinall](#)

#### Chair(s):

[Dan Brown](#) - University of Michigan

#### Abstract(s):

**10:00 AM Author(s):** \*Harini Nagendra, PhD - Ashoka Trust for Research in Ecology and the Environment  
Palma Blonda, PhD - Consiglio Nazionale delle Ricerche - Istituto di Studi sui Sistemi Intelligenti per l'Automazione (CNR-ISSIA), Bari, Italy  
Paola Mairota, PhD. - Department of Agro-Environmental and Territorial Sciences, University of Bari  
Carmela Marangi, PhD. - Consiglio Nazionale delle Ricerche, Istituto per le Applicazioni del Calcol, Bari, Italy  
Dino Torri, PhD - Consiglio Nazionale delle Ricerche - Istituto di Ricerca per la Protezione Idrogeologica, Bari, Italy  
Richard Lucas, PhD - Institute of Geography and Earth Sciences, Aberystwyth University  
Panayotis Dimopolous, PhD - Department of Environmental and Natural Resources Management, University of Western Greece  
João Pradinho Honrado, PhD. - 3CIBIO-Centro de Investigação em Biodiversidade e Recursos Genéticos & Faculdade de Ciências, Universidade do Porto  
Madhura Niphadkar, MSc. - Ashoka Trust for Research in Ecology and the Environment  
Sander Múcher, PhD - Alterra, Wageningen University and Research Centre  
Valeria Tomaselli, PhD - Institute of Plant Genetics Consiglio Nazionale delle Ricerche, Bari, Italy

Abstract Title: *Using remote sensing for identification and monitoring of anthropic pressures on habitats and biodiversity in protected areas: a multi-nation study*

**10:20 AM Author(s):** \*Peter Waylen - University of Florida  
Jane Southworth - Geography, University of Florida  
Cerian Gibbes - University of Colorado, Colorado Springs  
Huiping Tsai - University of Florida

Abstract Title: *Developing Time Series Analyses and Statistical Significance of Land Cover Change Processes in Vegetation Persistence Analyses*

**10:40 AM Author(s):** \*Anders Wästfelt - Swedish Univ of Agricultural Science

Abstract Title: *The production of landscape change - or how to visualize changes in land use regimes inbetween two satellite images.*

**11:00 AM Author(s):** \*Yaolin Liu - Wuhan University

Man Yuan - Wuhan University  
Yanfang Liu, Professor - Wuhan University

Abstract Title: *Spatial optimization of land use based on a modified genetic algorithm*

**11:20 AM Author(s):** \*Matthew Mulbrandon - Universiteit Utrecht

Abstract Title: *Evaluation of goal programming methods in a heuristic agent-based residential location model in Lee County Florida*

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**Session Description:** Part of the Land Systems Science Symposium

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