



AAG Annual Meeting

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Paper Session:

2447 Analysis and Modeling of Landscape Change II

is scheduled on Wednesday, 4/22/2015, from 1:20 PM - 3:00 PM in Toronto, Hyatt, West Tower, Gold Level

Sponsorship(s):

Human Dimensions of Global Change Specialty Group
Spatial Analysis and Modeling Specialty Group
Remote Sensing Specialty Group

Organizer(s):

[Burak Guneralp](#) - Texas A&M University
[Jacqueline Vadjunec](#) - Oklahoma State University
[Andrew Millington](#) - Flinders University

Chair(s):

[Jane Southworth](#) - University of Florida

Abstract(s):

1:20 PM Author(s): *Hoehun Ha - Central Michigan University
Benjamin Heumann - Central Michigan University
Matthew Liesch - Central Michigan University
Xiaoguang Wang - Central Michigan University

Abstract Title: *Geographic Niche-Base Land Use Suitability Modeling: A Case Study of Conservation Easements from South-east Michigan*

1:40 PM Author(s): *Michael Eggen - University of Wisconsin - Madison
Mutlu Ozdogan - University of Wisconsin-Madison
Ben Zaitchik - Johns Hopkins University
Belay Simane - Addis Ababa University

Abstract Title: *Land cover classification of Ethiopian Highlands in support of erosion modeling*

2:00 PM Author(s): *Shanon Donnelly - University of Akron

Abstract Title: *Modeling Land Change from Shale Oil and Gas Infrastructure in Carroll County, OH*

2:20 PM Author(s): *Jennifer Koch - University of Oklahoma
Florian Wimmer - Center for Environmental Systems Research, University of Kassel
Ruediger Schaldach - Center for Environmental Systems Research, University of Kassel
Janina Onigkeit - Center for Environmental Systems Research, University of Kassel

Abstract Title: *Water and Land Limitations to Future Agricultural Production in the Middle East*

2:40 PM Author(s): *Jane Southworth, PhD - University of Florida
Peter Waylen, PhD - University of Florida
Erin Bunting, PhD - USGS
Likai Zhu, PhD - University of Florida
Ray Huffaker, PhD - University of Florida
Miguel Campo-Bescos, PhD - University of Navarra
Rafael Munoz-Carpena, PhD - University of Florida

David Kaplan, PhD - University of Florida

Abstract Title: *Using time-series and dynamic factor analysis to model and explain the combined spatial and temporal effects of environmental drivers on vegetation growth in southern Africa*

Session Description: This session is part of the Land Systems Science Symposium.

New Query