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(58) 2013 AAG Annual Meeting, Los Angeles, California

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AAG Annual Meeting

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Paper Session:

5250 Agent-Based & Cellular Automata Models for Geographical Systems 2: Land-Use Models

is scheduled on Saturday, 4/13/2013, from 10:00 AM - 11:40 AM in Angeleno, The LA Hotel, Level 2

Sponsorship(s):
Geographic Information Science and Systems Specialty Group
Spatial Analysis and Modeling Specialty Group

Organizer(s):
Andrew Crooks - George Mason University
Christopher Bone - University of Oregon

Chair(s):
Christopher Bone - University of Oregon

Abstract(s):

10:00 AM   Author(s): *Jan Baetens - Ghent University
Bernard De Baets - Ghent University

 Abstract Title: *Towards real-time GIS-based modeling of wildfires*

10:20 AM   Author(s): *Haiyan Zhang - Rutgers University
Clinton J Andrews - Rutgers University

 Abstract Title: *Modeling land market's responses to climate change in the coastal zone*

10:40 AM   Author(s): *Moira Zellner - University of Illinois-Chicago
Charles Hoch - University of Illinois-Chicago
Daniel Milz - University of Illinois-Chicago
Leilah Lyons - University of Illinois-Chicago
Lissa Domoracki - University of Illinois-Chicago
Joshua Radinsky - University of Illinois-Chicago

 Abstract Title: *Participatory agent-based modeling for environmental planning: How stakeholders (cannot) resolve the dissonance between complexity and beliefs*

11:00 AM   Author(s): *Atesmachew Hailegiorgis - George Mason University

 Abstract Title: *Agent-Based Modeling of Climate Change Adaptation in Southern Ethiopia*

11:20 AM   Author(s): *Amit Patel - George Mason University
Andrew Crooks - George Mason University
Naoru Koizumi - George Mason University

 Abstract Title: *A Spatial ABM Approach to Explore Slum Formation Dynamics in Ahmedabad, India*

Session Description: The use of Agent-based Modeling (ABM) and Cellular Automata (CA) models within geographical systems are starting to mature as methodologies to

explore a wide range of geographical and more broadly social sciences problems facing society. The aim of this session(s) is to bring together researchers utilizing agent-based models, CA (and associated methodologies) to discuss topics relating to: theory, technical issues and applications domains of ABM and CA within geographical systems.

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