



AAG Annual Meeting

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Paper Session:

3517 CyberGIS Symposium: CyberGIS, Linked Data, and Geospatial Semantics

is scheduled on Thursday, 4/11/2013, from 2:40 PM - 4:20 PM in Santa Barbara A, Westin, Lobby Level

Sponsorship(s):

Cyberinfrastructure Specialty Group
Geographic Information Science and Systems Specialty Group
Spatial Analysis and Modeling Specialty Group

Organizer(s):

[Shaowen Wang](#) - University of Illinois at Urbana-Champaign
[Krzysztof Janowicz](#)

Chair(s):

Anand Padmanabhan

Abstract(s):

2:40 PM Author(s): *E. Lynn Usery - U.S. Geological Survey

Abstract Title: *CyberGIS and Geospatial Semantic for Vector and Raster Data*

3:00 PM Author(s): *Krzysztof Janowicz -

Abstract Title: *Linked Spatiotemporal Data - A Brief Introduction*

3:20 PM Author(s): *Dragos Simandan, PhD - Brock University

Abstract Title: *Dancing fitness landscapes and the ontological infrastructure of geographical reasoning*

3:40 PM Author(s): *Chih-Hong Sun - Department of Geography, National Taiwan University

Sue-Ching Jou - Department of Geography, National Taiwan University
Ming-Fan Lien - Department of Geography, National Taiwan University
Chin-Te Jung - Department of Geography, National Taiwan University

Abstract Title: *Public Participation Spatial Decision Support System For Integrated Watershed Management*

4:00 PM Discussant: Mark Gahegan - University of Auckland

Discussant(s):

Mark Gahegan - University of Auckland

Session Description: Organizing Committee: Luc Anselin, Budhendra Bhaduri, Chen-Chieh Feng, Michael Goochilid, Krzysztof Janowicz, Timothy Nyerges, Anand Padmanabhan, Alexandre Sorokine, Ming-Hsiang (Ming) Tsou, E. Lynn Usery, Shaowen Wang (Chair), Nancy Wilkins-Diehr, Dawn Wright, and Chaowei Yang

CyberGIS - defined as cyberinfrastructure-based GIS - has emerged as a new generation of GIS representing an important research domain within the contexts of both cyberinfrastructure and GIScience while empowering extreme digital transformation of

geographic research and education. We are organizing a series of CyberGIS activities as part of AAG 2013, including multiple panels and paper sessions, to facilitate the sharing of the state of the art and discussions about opportunities and challenges, cutting-edge progress, and major trends and impacts of CyberGIS.

Panel Sessions

CyberGIS and Sustainability Sciences: Making Connections
CyberGIS Education
From Big Data to the Long Tail: Data Discovery, Archiving, Workflows, and Integration from the NSF DataNet Projects
Frontiers and Roadmaps: Academic Viewpoints
Industry Perspectives

Paper Sessions

CyberGIS Applications
CyberGIS, Linked Data, and Geospatial Semantics
CyberGIS for Supporting Climate Studies
CyberGIS and Sustainability Sciences: Approaches, Cases, and Concepts
CyberGIS for Taming Big Data
Geospatial Ontology, Semantics, and Metadata (2 sessions)
GIS&T BoK - Making Space for Knowledge
Science of CyberGIS
Technologies and Social Dimensions
Time Geography (2 sessions)

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