



AAG Annual Meeting

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Panel Session:

1401 CyberGIS Symposium: CyberGIS and Sustainability Sciences - Making Connections

is scheduled on Tuesday, 4/9/2013, from 12:40 PM - 2:20 PM in Beaudry 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
[Timothy Nyerges](#) - University of Washington

Chair(s):

[Timothy Nyerges](#) - University of Washington

Panelist(s):

[David Bennett](#) - University of Iowa
[Nina Lam](#) - Louisiana State University
[Steven D. Prager](#) - University of Wyoming

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)

Sponsors

Cartography Specialty Group
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