



## AAG Annual Meeting

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### Paper Session:

#### 4102 CyberGIS Symposium: GIS&T BoK - Making Space for Knowledge

is scheduled on Friday, 4/12/2013, from 8:00 AM - 9:40 AM in Beaudry B, 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  
[Sean Ahearn](#) - Hunter College - City University

#### Chair(s):

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

#### Abstract(s):

**8:00 AM Author(s):** \*Sean Ahearn - Hunter College - City University

Abstract Title: *Big Knowledge and the next GIS & T BoK*

**8:20 AM Author(s):** \*Marilyn Stowell - San Diego State University  
André Skupin, Dr. - San Diego State University  
Fangming Du - San Diego State University

Abstract Title: *BoKVis: Interactive Visualization of the Geographic Information Science and Technology Body of Knowledge 1*

**8:40 AM Author(s):** \*André Skupin - San Diego State University

Abstract Title: *Towards a Knowledge Reference System for the GIS&T Domain*

**9:00 AM Author(s):** \*Brandon Plewe - Brigham Young University

Abstract Title: *A collaborative revision system for the GIS&T Body of Knowledge*

**9:20 AM Discussant:** [David DiBiase](#) - ESRI

#### Discussant(s):

[David DiBiase](#) - ESRI

**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  
CyberInfrastructure Specialty Group  
Geographic Information Systems and Science Specialty Group  
Spatial Analysis and Modeling Specialty Group

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