



## AAG Annual Meeting

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### Paper Session:

#### 1427 CyberGIS Symposium: Frontiers of Geographic Data Science

is scheduled on Tuesday, 4/21/2015, from 12:40 PM - 2:20 PM in Grand Suite 5, Hyatt, East Tower, Gold 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  
[Michael F. Goodchild](#) - University of California - Santa Barbara  
[Luc Anselin](#) - Arizona State University

#### Chair(s):

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

#### Abstract(s):

**12:40 PM Author(s):** \*Shaowen Wang - University of Illinois at Urbana-Champaign

Abstract Title: *Geospatial Data Science in the Big Data Era*

**1:00 PM Author(s):** \*Wenwen Li - Arizona State University

Abstract Title: *Integrating Cyberinfrastructure and Big Earth Observation Data to Support Climate Science*

**1:20 PM Author(s):** \*Kiumars Soltani - University of Illinois at Urbana-Champaign  
Shaowen Wang, Professor - University of Illinois at Urbana-Champaign  
Anand Padmanabhan, Dr - University of Illinois at Urbana-Champaign

Abstract Title: *Mapping Spatiotemporal Diffusion of Ideas Using Hashtags*

**1:40 PM Author(s):** \*Johnathan Rush - The University of Illinois  
Shaowen Wang, PhD - University of Illinois  
Anand Padmanabhan, PhD - University of Illinois

Abstract Title: *Reconceptualizing Data in the CyberGIS Gateway*

**2:00 PM Author(s):** \*Junjun Yin - University of Illinois  
Shaowen Wang - University of Illinois

Abstract Title: *Finding community structures of UK cities based on large-scale Twitter user mobility patterns*

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**Session Description:** AAG 2015 Symposium on CyberGIS for Fostering New Frontiers of Geographic Research and Education

CyberGIS - geographic information science and systems (GIS) based on advanced infrastructure of computing, information, and communication technologies (aka cyberinfrastructure) – has emerged over the past several years as a vibrant interdisciplinary field and played essential roles in enabling computing-, data- and

collaboration-intensive geospatial research and education across a number of domains with significant societal impact.

At AAG 2015 annual meeting, we will hold the Symposium on CyberGIS for Fostering New Frontiers of Geographic Research and Education by building on the great success of the AAG 2013 CyberGIS Symposium and AAG 2014 Symposium on Synergistic Advances of CyberGIS and Geography. A suite of panel and paper sessions will address new frontiers of geographic research and education enabled by cutting-edge CyberGIS particularly related to the following themes: big data and computation, collaborative geographic problem solving, complex systems, geospatial semantics, novel applications, and social media.

Organizing Committee: Luc Anselin, Marc Armstrong, Yuqi Bai, David Bennett, Budhendra Bhaduri, Guofeng Cao, Guido Cervone, Edwin Chow, Chen-Chieh Feng, Michael Finn, Daniel Goldberg, Michael Goodchild, Diansheng Guo, Qunying Huang, Krzysztof Janowicz, Bin Jiang, Karen Kemp, Steve Kopp, Mei-Po Kwan, Nina Lam, Wenwen Li, Xingong Li, Yan Liu, Mark McKenney, Harvey Miller, Timothy Nyerges, Anand Padmanabhan, Ed Parsons, Yi Qiang, Sergio Rey, Britta Ricker, Johnathan Rush, Eric Shook, Terry Slocum, Alexandre Sorokine, Wenwu Tang, Jim Thatcher, Jie Tian, Ming-Hsiang (Ming) Tsou, E. Lynn Utery, Shaowen Wang, Nancy Wilkins-Diehr, Bev Wilson, Dawn Wright, May Yuan, Chuanrong Zhang, and A-Xing Zhu

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New Query