



AAG Annual Meeting

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Paper Session:

2619 Spatial and Spatio-Temporal Data Mining & Visualization (3): Social Data Mining

is scheduled on Wednesday, 4/10/2013, from 4:40 PM - 6:20 PM in Santa Barbara C, Westin, Lobby Level

Sponsorship(s):

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

Organizer(s):

[Diansheng Guo](#) - UNIVERSITY OF SOUTH CAROLINA
[David Folch](#) - University of Colorado at Boulder

Chair(s):

[David Folch](#) - University of Colorado at Boulder

Abstract(s):

4:40 PM Author(s): *Ziliang Zhao - University of Tennessee
Shih-Lung Shaw, PhD - University of Tennessee
Zhixiang Fang, PhD - Wuhan University

Abstract Title: *Mining the Evolving Collaboration Patterns of IJGIS Authorship Network*

5:00 PM Author(s): *Wenwen Li - Arizona State University

Abstract Title: *Geospatial Data Mining on the Web: Discovering Locations of Emergency Service Facilities*

5:20 PM Author(s): *Peter Kimosop - Bowling Green State University
Xinyue Ye - Bowling Green State University

Abstract Title: *Point Pattern Analysis of Kenya Certificate of Primary Education: Spatial and Gender Inequality*

5:40 PM Author(s): *Michael Nesius - Florida State University

Abstract Title: *Social Networks and the Ruralization of the Urban: Visualizing the Production of Space with GIS*

Session Description: Due to the ubiquity of location-aware technologies, surveys, and social media, big data with high spatio-temporal resolution have become increasingly available, such as massive mobility data, spatially embedded social networks, high-resolution remote sensing images, public health data, climate change data, etc. While these data offer unprecedented opportunities to advance our understanding of complex geographic processes and phenomena, there are many challenging research questions in analyzing such spatio-temporal data to obtain new knowledge. This special session(s) invites research contributions in the theory, methodology, implementation, and application of spatial/spatiotemporal data mining, simulation, and visual analytics for analyzing spatio-temporal data and deriving new knowledge and theory.

