

[AMCIS 2016 Workshop](#)

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AMCIS 2016 SIGGIS Workshop

RESEARCH AND PRACTICE IN LOCATIONAL ANALYTICS AND SPATIAL ANALYSIS

Sheraton San Diego Hotel and Marina
Executive Center 3A

Thursday, August 11, 2016, 8:30am – noon

This workshop focuses spatial analysis as an area of research within MIS. The area has been expanding very rapidly during this decade in the business world. Estimates indicated geo-services revenues approach \$300 billion, and spatial applications are spreading rapidly on mobile, cloud, big data, and analytics platforms. The workshop seeks to provide the background from leading researchers and practitioners on how spatial analytics can provide new and promising avenues for MIS research, what the current status is of locational/spatial research is across the MIS community, and how leading business practitioners are using research techniques to apply spatial analytics and geographic information systems (GIS) for business decision-making. The keynoter from Esri Inc. will cover applying GIS methodologies, spatial statistics, and space-time pattern mining for practical spatial applications, particularly in crime analysis and forest loss. The workshop also includes discussion of the Call for an upcoming special issue of the journal *Decision Support Systems* on locational analytics and decision support.

8:30-9:00 am *PRE-WORKSHOP COFFEE and TEA*

9:00-9:15 am Introduction to Workshop: Spatial Research Highlights (James Pick)

9:15-10:00 am Research approaches to Locational Analytics and GIS:
Findings from a 2016 AIS Member survey. (Rama Ramakrishna & Avijit Sarkar)

10:00-10:20 am *BREAK – COFFEE and TEA*

10:20-10:50 am Breakout groups to discuss missing research gaps in Locational and Spatial Analysis in the MIS discipline (Introduced and facilitated by Dan Farkas)

10:50-11:30 am **Keynote Presentation**
Lauren Bennett, Spatial Analysis Product Engineer, Esri (to be introduced by Brian Hilton)

GIS Methodologies, Spatial Statistics, and Space-Time: Practical Applications in Crime Analysis and Sustainability

11:30-11:45 am Discussion of Call for Papers for Special Issue on “Locational Analytics and Decision Support” of the journal *Decision Support Systems*, with the guest co-editors. Submission date September 20, 2016. (James Pick & Avijit Sarkar)

11:45-noon Workshop Summary. Key takeaways.
What spatial research in MIS have emerged?
What are next steps for participants? (Namchul Shin)

Presenters: Lauren Bennett, Esri (Keynoter)
Brian Hilton, Claremont Graduate University
James B. Pick, University of Redlands
Avijit Sarkar, University of Redlands
Hindupur Ramakrishna, University of Redlands
Dan Farkas, Pace University
Namchul Shin, Pace University

REGISTRATION. *Registration is available as part of the AMCIS 2016 Conference Registration, which is now open.*
Go to <https://amcis2016.aisnet.org> and Click on Register.

If you have any questions about registering for the Workshops please contact Dan Farkas (djf2128@gmail.com) or James Pick (james_pick@redlands.edu).