



AAG Annual Meeting

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Paper Session:

4411 Crime Modeling and Mapping

is scheduled on Friday, 4/12/2013, from 12:40 PM - 2:20 PM in San Gabriel B, Westin, Lobby Level

Sponsorship(s):

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

Organizer(s):

[Michael Leitner](#) - Louisiana State University

Chair(s):

[Michael Leitner](#) - Louisiana State University

Abstract(s):

12:40 PM Author(s): *Sun Hui Sim - University of North Alabama

Abstract Title: *Landscape of built environment, crime and their relationship*

1:00 PM Author(s): *James C. Wo, Ph.D. Student - UC-Irvine, Department of Criminology, Law and Society
John R. Hipp, Professor - UC-Irvine, Department of Criminology, Law and Society
Adam Boessen, Ph.D. Student - UC-Irvine, Department of Criminology, Law and Society

Abstract Title: *Capitalizing on Social Capital: A spatial examination of how access to voluntary-related organizations impacts neighborhood crime*

1:20 PM Author(s): Kristina Donathan - University of Nevada, Las Vegas
*Jaewon Lim - University of Nevada, Las Vegas
Emily I. Troshynski - University of Nevada, Las Vegas

Abstract Title: *Socioeconomic Effect on Crime in the Southwest United States Pre- and Post-Great Recession*

1:40 PM Author(s): *Michael Leitner - Louisiana State University
André Skupin - San Diego State University

Abstract Title: *The Impact of Hurricane Katrina on Crime: Using the Tri-Space Concept and Dimensionality Reduction*

2:00 PM Author(s): *Larry Joe Morgan, PhD. - Jacksonville State University
*Abigail T Jacobs, Student - Jacksonville State University
Donna Holly Pak, Student - Auburn University

Abstract Title: *Correlating Crime and Social Stress: A Micro-Analysis Using Census Block-Level Data*

Session Description: Spatial crime analysis started mostly by geographers in the early 1970's. Environmental criminology, which was developed in the early 1980's, gave spatial crime analysis its theoretical foundation. The concurrent rise of Geographic

Information Systems (GIS) coupled with the development of spatial crime analysis software programs (e.g., CrimeStat) led to a powerful suite of spatial analysis and visualization tools that allowed to quickly analyzing large amounts of crime incident data. As a result spatial crime analysis became increasingly popular as a practical tool for law enforcement and as a research and teaching tool in geography, criminal justice and other related programs. Today many crime analysts are geographers. It is thus important to recognize, given the maturation of GIS and spatial statistics, that it is time to demonstrate the importance of geographic principles and theory that underpin those tools and the interpretation of the results.

To date, more and more law enforcement agencies hire geographers and crime analysts and criminal justice programs around the country respond to this demand by offering new courses/programs in this new subfield. Conferences and workshops to exchange ideas and to further the education are being offered on a regular basis. User groups are being established and research is being promoted through new publication outlets and funding opportunities from different agencies such as the National Institute of Justice (NIJ) or the National Science Foundation (NSF).

Sessions organized at the 2013 AAG will further the exchange of ideas and will present new research, methods, and applications in the modeling and mapping of crime.

New Query