Call for Papers

Critical Network Infrastructure

2009 Annual Meeting of the Association of American Geographers March 22-27, Las Vegas NV

This session is co-sponsored by the Transportation Geography Specialty Group (TGSG) and the Spatial Analysis and Modeling Specialty Group (SAM)

A bridge collapses. The electricity grid fails. A 40-vehicle pileup shuts down a major highway for days. Incidents such as these, although rare, do occur resulting in myriad impacts to societies and economies. In turn, this means that our networked infrastructure, the very foundation of civilization, is vulnerable to disruption. Over the past few years, critical network infrastructure has emerged as an important topic in geography and other disciplines.

This session targets methodological developments and empirical research relating to critical network infrastructure. Topics include, but are not limited to, methods to maximize a network's robustness, methods to maximize a network's reliability, methods to identify vulnerable network links and nodes, methods to minimize a network's vulnerability, and empirical studies of impacts resulting from network disruptions.

To submit a paper to this call, you must first register for the 2009 Annual Meeting. After this, please submit your abstract and personal identification number (PIN) to Darren M. Scott by October 7, 2008. If you have any questions concerning the applicability of your paper to this topic, please contact the session organizer.

Organizer and contact information:

Darren M. Scott

School of Geography & Earth Sciences McMaster University Hamilton, Ontario, Canada L8S 4K1

Phone: +1 (905) 525-9140, ext. 24953

Email: scottdm@mcmaster.ca