Paper Session:

5433 Spatial Optimization and Analysis III

is scheduled on Saturday, 4/12/2014, from 2:00 PM - 3:40 PM in Room 33, TCC, Fourth Floor

Sponsorship(s):
Spatial Analysis and Modeling Specialty Group
Geographic Information Science and Systems Specialty Group

Organizer(s):
Ran Wei - Arizona State University
Daoqin Tong - University of Arizona - Geography & Regional Development

Chair(s):
Ran Wei - Arizona State University

Abstract(s):

2:00 PM Author(s): *Insu T Hong - School of Geographical Science and Urban Planning, Arizona State University
Alan T Murray - School of Geographical Science and Urban Planning, Arizona State University
Sergio J Rey - School of Geographical Science and Urban Planning, Arizona State University

Abstract Title: *High performance computing to derive obstacle-avoiding shortest paths*

2:20 PM Author(s): *Ting Lei - University of South Carolina

Abstract Title: *On the Vulnerability of Minimax Networks: An Interdiction Center Problem*

2:40 PM Author(s): *Kamyoung Kim - Kyungpook National University
Hyun Kim - University of Tennessee at Knoxville
Yongwan Chun - University of Texas at Dallas

Abstract Title: *A spatial optimization approach for districting housing market areas*

3:00 PM Author(s): *Yan Li -
Hyun Kim -

Abstract Title: *Survivability of the Beijing Subway System with the Completion of an Additional Subway Line*

Session Description: Spatial optimization and analysis involves a range of problems where spatial arrangement or organization of entities, resources or goods is essential. In these sessions, we welcome studies or applications addressing any relevant issues on spatial optimization and analysis. These studies include but not limited to:

1. Location analysis and modeling
2. Network design and analysis
3. Land use planning and resource management
4. Districting/regionalization problems
5. Transportation applications

New Query