Paper Session:

5133 Spatial Optimization and Analysis I

is scheduled on Saturday, 4/12/2014, from 8:00 AM - 9:40 AM 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):

8:00 AM Author(s): *Hyun Kim - University of Tennesee
Michael Vandrerlan - University of Tennessee

Abstract Title: *A Geographical perspective: Behaviour of hub location in hub network design*

8:20 AM Author(s): *Michael Kuby, PhD - Arizona State University
Jong-Geun Kim, PhD - Seoul National University
Ismail Capar, PhD - Texas A&M University

Abstract Title: *Optimal Location of Natural Gas Fuel Stations for Trans-Europe Trucking*

8:40 AM Author(s): *Yongha Park - Department of Geography, The Ohio State University
Morton O'Kelly - Department of Geography, The Ohio State University

Abstract Title: *Operational Assessment of Fuel Consumption with Aircraft Fleet Composition for Long-haul Intercontinental Passenger Flights*

9:00 AM Author(s): *Richard Church - UCSB

Abstract Title: *Developing frugal spatial optimization models for geographical analysis*

9:20 AM Author(s): *Ran Wei - Oregon State University
Daoqin Tong - University of Arizona

Abstract Title: *A comparative analysis of continuous space coverage modeling*

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