

Call for Papers for a Theme Issue of the International Journal of Collaborative Enterprise: Transportation and Evacuation Planning

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For most human beings, facing threats is inevitable. While in some cases a threat can be treated or eliminated, the safest course of action in facing threats is often to evacuate the danger zone. Evacuation of the danger zone can vary in scale from individual movement to hundreds of thousands of people evacuating urban cities. Urban evacuation can be viewed as the process in which evacuees are moved from danger areas to safe zones utilising transportation resources. This massive movement of population typically exceeds normal demands on transportation resources and thus requires careful planning and optimisation.

Evacuation planning and modelling has attracted interest among researchers as well as government officials. The catastrophic loss of human lives after hurricane Katrina and the massive evacuation before hurricane Rita have resulted in several research efforts for the development of evacuation planning strategies and techniques.

The purpose of this themed issue is the publication of latest research in the development of methodologies, models, technologies and tools in transportation and evacuation planning.

Subject Coverage

Suitable topics include but are not limited to:

- Microscopic models
- Mesosopic models
- Macroscopic models
- Cellular automaton models
- Dynamic evacuation modelling
- Static evacuation modelling
- Traffic flow modelling
- Simulation modelling
- Network modelling
- Logistics and support strategy
- Intelligent transportation systems
- Information systems infrastructure

Case studies and other related topics

Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper was not originally copyrighted and if it has been completely re-written).

All papers are refereed through a peer review process. A guide for authors, sample copies and other relevant information for submitting papers are available on the Author Guidelines page.

Important Dates

Full paper submission: 15 March, 2012

Notification of reviews: 30 April, 2012

Revised manuscript submission: 31 May, 2012

Accepted final paper: 1 July, 2012

All papers must be submitted online

Link: <http://www.inderscience.com/browse/callpaper.php?callID=1810>

Categories: Academia, Case Studies, Computer Modeling, Disaster Management, Public Health, Public Policy, Research Methods

Audience: Academic, Policy Analyst, Public Health Expert, Public Health Worker, Public Servant