

CALL FOR PAPERS

“Topics in Risk Analysis with Multiple Criteria Decision Making” Workshop

In “The 20th International Conference on Multiple Criteria Decision Making” Conference

Location: Chengdu/Jiuzhaigou, China

Date: June 21-26th, 2009

Workshop Chairs:

Chongfu Huang, Academy of Disaster Reduction and Emergency Management,
Beijing Normal University, Beijing, China

Haibo Wang, A. R. Sanchez, Jr. School of Business, Texas A&M International
University, Laredo, Texas USA

Objectives and scopes of the workshop: Risk analysis has become an important issue in today’s social and economic environment. Recent financial crisis, food safety problems, and natural disasters highlight the importance of various types of risk analysis in human society. This workshop will provide an opportunity to researchers in various areas to present their works on evaluating health, finance, food safety, natural disaster, environmental and engineering risks using computer modeling, and other social and economic domain knowledge.

Topics of interest include, but are not limited to the following:

1. Quantitative models and theories in Risk Analysis using MCDM methodologies such as analytical hierarchy process, goal programming, artificial intelligent, evolutionary computation, system dynamics, chaos theory and morphological analysis.
2. Applications in financial risk analysis using MCDM methodologies
3. Applications in public health risk analysis and management using MCDM methodologies
4. Applications in water security and risk analysis using MCDM methodologies
5. Applications in energy risk analysis using MCDM methodologies
6. Applications in environmental risk analysis such as waste management using MCDM methodologies
7. Applications in agricultural risk analysis such as food safety using MCDM methodologies
8. Applications in natural disaster risk analysis such as flood, earthquake, typhoon and hurricane using MCDM methodologies
9. Applications in engineering risk analysis such as construction and transportation using MCDM methodologies
10. Collaboration MCDM models for risk analysis using social and economic domain knowledge
11. Integrated risk management based on multiple criteria decision making

Paper submission: submitted articles must not have been previously published or currently submitted for publication elsewhere. The guideline of submission follows the conference general submission rules. All Submitted papers will be reviewed by a double-blind (at least three reviewers), non-blind, and participative peer review. These three kinds of review will support the selection process of those that will be accepted for their presentation at the conference, as well as those to be selected for their publication in special issues. Details are given in the conference web site. <http://www.mcdm2009.cn/>

Authors should submit the papers to the chairs by emails at nortzw@ires.cn or hwang@tamiu.edu. Please note that papers must not exceed eight pages in length, a paper without figures can be around 4500 words maximally.

Selected papers will be fast-track reviewed for special issues in international journals such as Journal of Multi-Criteria Decision Analysis, Decision Support Systems, Annals of Operations Research, and International Journal of Information Technology and Decision Making. The workshop papers will be published in Lecture Notes in Economics and Mathematical Systems.

Important Dates:

Submission of full papers due: December 15, 2008

Notification of workshop acceptance: January 1, 2009

Camera-ready of accepted workshop papers: January 31, 2009

Final advanced registration of workshop opens: January 31, 2009

Paper Status must be OK: March 10, 2009

Final advanced registration of workshop closes: March 10, 2009

Workshop Program Committee:

Ajith Abraham, School of Computer Science and Engineering, Chung-Ang University

Bahram Alidaee, School of Business Administration, The University of Mississippi

Arijit Bhattacharya, Embark Initiative Post-Doctoral Research Fellow at Dublin City University, Ireland

Ye-Sho Chen, E. J. OURSO College of Business, Louisiana State University

Dongping Fan, School of Public Administration, South China Normal University

Cengiz Kahraman, Department of Industrial Engineering, Istanbul Technical University

R. Bryan Kethley, Jennings A. Jones College of Business, Middle Tennessee State University

Gary Kochenberger, School of Business Administration, University of Colorado at Denver

Frank Landram, College of Business Administration, West Texas A&M University

Jing Li, National Disaster Reduction Center of China, Ministry of Civil Affairs

Pradeep Mujumdar, Department of Civil Engineering, Indian Institute of Science

Tom Obremski, Daniels College of Business, The University of Denver

Lili Rong, Institute of Systems Engineering, Dalian University of Technology

Masatoshi Sakawa, Department of Artificial Complex Systems Engineering, Hiroshima University

Shuze Tang, International School and School of Emergency Management, Jinan University

Pandian Vasant , Electrical and Electronic Engineering Program, Universiti Teknologi Petronas

Paul Xirouchakis, Institute of Production and Robotics, Ecole Polytechnique Fédérale de Lausanne

Any inquiry and editorial related questions should be sent to the chairs at:

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