

Call for Paper for Workshop on Multiple Objective Decision Support on Health and Environment Domain

at the 20th International Conference on Multiple Criteria Decision making, 21th-26th, June, 2009, Chengdu/Jiuzhaigou, China

Workshop Description

Life quality has been attached importance by the modern peoples. More and more people would like to choose to live in a clam, clean, safe surroundings and regard the comfortable environment will benefit their health. Water, air, and radiation are three critical external factors to affect the human physical state. There must be a systematic model to descript and monitor the food safety, climate change, community chemical drift, land and environmental health practice, drinking water and other environment issues. Via environmental optimization, we can attain the finer precondition for the human health. A Multiple Objective Decision Analysis Involving Health and Safety Risks is a comparatively innovative research field to qualitatively and quantitatively evaluate different health and medical topic.

We developed this workshop to improve the multiple objective decision support on health and environment domain among academic researchers and industry practiser. The workshop welcomes both high-quality academic (theoretical or empirical) and practical papers in the broad ranges of multiple objective decision support on environment, health scenario including, but not limited to the following:

Multiple objective decision support systems,
Health Information Technology
Medical Image Processing and Mining
Text Mining in Health
Health Data Warehouses/OLAP
Clinical Decision Support
Health Information Modelling and Integration
Health Information Retrieval, Analysis, Visualization and Prediction
Health Knowledge Discovery
Ontology and Semantic Web services
Security, Privacy and Trust in Health Domain
Multiple objective model for optimization on environment or health domain,
Medical related topic using the MCDM tools, bioinformatics with the MCDM algorithm,
Artificial Intelligence and Optimization, data warehouse and optimization,
MCDM in Data Mining, visualization and optimization.
Input Output Analysis
Computable General Equilibrium
Linear and nonlinear programming
Related topic on macroeconomics

The official website is <http://www.mcdm2009.cn/>

The workshop self-governed website is: <http://www.feds.ac.cn/three/20081029.mht>

Organizers:

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Authors should submit their paper via email: Jing.he@vu.edu.au,
abysshuang@gmail.com. All manuscripts for this special issue should be submitted
electronically before December 15, 2008. Some important dates:

Full papers submission: 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

Workshop papers will be published in a separate workshop proceeding in Lecture
Notes in Economics and Mathematical Systems. Selected papers will be fast-track
reviewed for special issues in:

Journal of Multi Criteria Decision Analysis
International Journal of Computational Science
International Journal of Intelligent Engineering Informatics
Decision Support Systems (SCI-indexed),
Annals of Operations Research (SCI-indexed)
International Journal of Information Technology and Decision Making (SCI-indexed).

Submitted papers should not have been previously published nor be currently under
consideration for publication elsewhere. Refereeing and the selection of papers will be
carried out according to the standards of Lecture Notes in Economics and
Mathematical Systems (<http://www.mcdm2009.cn/default.html>). Please, note that
papers must not exceed eight pages in length, a paper without figures can be around
4500 words maximally.