Multi-Criteria Decisions

Guest Editor:

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Message from the Guest Editor

This Special Issue focuses on the science and art of multi-criteria decisions, especially in multi-disciplinary settings. We expect to publish high quality papers in the categories of discovery, integration, application, and teaching of multi-criteria decisions. The impact of such articles will be far reaching, especially in a fast-paced world that is constantly dealing with decisions involving analysis of (mostly conflicting) multiple variables. As noted by Miller (1956), the human mind can effectively manage a combination of 7 ± 2 pieces of information consecutively; beyond this level, the decision process experiences some apparent decay, which could impact on the outcome.

- MCDA Theories
- MCDA methodologies
- Applications of MCDA
- Multi-criteria design issues
- Intuitiveness in MCDA
- Multi-goal decisions
- Fuzziness in multi-criteria decisions
- Tools for multi-criteria decisions
- Soft-computing techniques for MCDA
- Axioms of MCDA
- Decision making paradox
- Issues in teaching of MCDA

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