

Special Issue

Multi-criteria Decision Making and Data Mining, 2nd Edition

Message from the Guest Editors

Given the complexity of the socioeconomic environment, decision making is one of the most notable ventures, whose mission is to decide the best alternative under numerous qualitative and quantitative factors/criteria. Multiple-criteria decision-making (MCDM) methods and hybrid models are quickly emerging as useful methods for evaluating and improving alternatives. Through the gradual maturation of information technology and the growth of the data analysis environment, large amounts of data within organizations could be accumulated. Therefore, some data-driven MADM models which integrate machine learning/data mining and MCDM methods to help decision-makers select the best alternative in various industries have been developed. Data mining or machine learning techniques are primarily concerned with discovering hidden patterns and relationships in data to assist decision-makers making judgements. This Special Issue aims to collate original research papers that offer the latest developments and applications of MCDM, data mining, or hybrid models across various fields.

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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