

Special Issue

Fuzzy Decision-Making and Risk Analysis in Transportation and Supply Chain Systems

Message from the Guest Editor

In today's dynamic and uncertain environment, transportation and supply chain systems face increasing complexity, ambiguity, and risk. Traditional decision-making models often fall short when information is incomplete, conflicting, or rapidly changing. This Special Issue explores how Fuzzy MCDM methods, combined with risk analysis, can offer more flexible, adaptive, and resilient approaches to decision-making. By accommodating subjective judgments, linguistic terms, and vague data, fuzzy logic provides a powerful framework for evaluating alternatives across multiple criteria. When integrated with systematic risk analysis, these methods enable decision-makers to better navigate uncertainty, assess potential impacts, and enhance operational and strategic outcomes. We welcome theoretical, methodological, and applied contributions that demonstrate the value of Fuzzy MCDM and risk-informed strategies in improving performance and resilience across transportation and supply chain systems.

Guest Editor

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Deadline for manuscript submissions

30 January 2027



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



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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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