

# Special Issue

## Applications of Operational Research and Mathematical Models in Management

### Message from the Guest Editor

During World War I and World War II many mathematical models were developed and used to solve various optimization problems related to the ongoing war operations. At the end of these wars, these models were applied to industry and business. Nowadays, operational research is a key tool of modern management that is used to solve a wide range of business problems. This Special Issue aims to discuss new theoretical insights and “Applications of Operational Research and Mathematical Models in Management”. Invited papers may explore operational research and mathematical models covering the range of business management, finance, decision support systems, tourism management, environmental management, management in mechanics, information technology, artificial intelligence, or any other relevant field. It is our pleasure to invite you to contribute to this Issue by submitting research articles that will be subject to peer-review aiming to contribute to the development of research. Keywords

- Operational research
- Differential equations
- Optimization models
- Decision theory
- Stochastic models
- Mathematical models
- Management
- Measurement models

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2020)



## Mathematics

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## About the Journal

### 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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### Editor-in-Chief

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JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).