

# Special Issue

## Mathematical Models for Supply Chain Management

### Message from the Guest Editors

The current Special Issue is devoted to the mathematical models for supply chain management, which involves viable practices of the overall supply chain operation and aims to develop actions that make the supply chain more effective and efficient. All kinds of supply chains can be optimized using mathematical tools, approaches, and modeling. This Special Issue seeks high-quality works focusing on state-of-the-art/potential tools and approaches in enabling the development of supply chain management. Novel applications from all fronts of sustainable supply chain management will also be considered. Topics include but are not limited to the following:

- Demand forecasting and management;
- Inventory management;
- Vendor-managed inventory;
- Supply chain integration;
- Modeling for transportation and logistics;
- Reverse logistics and circular economy;
- Sustainable supply chain management;
- Green supply chain management;
- Supply chain performance measure.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2025)



## 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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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

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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 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).