

Special Issue

Modeling and Optimization in Supply Chain Management

Message from the Guest Editor

We are pleased to announce a Special Issue on “Modelling and Optimization in Supply Chain Management”, to be published in *Mathematics*. This Special Issue aims to explore contemporary advances in modeling and optimization techniques within supply chain management (SCM). Recognizing the increasing complexity and interconnectedness of modern supply chains, we seek contributions that address both strategic and tactical planning aspects through integrated modeling approaches. We welcome original research and comprehensive reviews that delve into areas such as multi-echelon inventory systems, demand forecasting, production planning, distribution logistics, and risk management. Emphasis is placed on methodologies that enhance decision support systems, making them more reflective of real-world scenarios. Through this Special Issue, we aim to bridge the gap between theoretical modeling and practical application, fostering a deeper understanding of how integrated approaches can lead to more robust and adaptable supply chains.

Guest Editor

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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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Prof. Dr. Francisco Chiclana

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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).