

Special Issue

Operations Research, Logistics, and Supply Chain Analysis

Message from the Guest Editors

In an era defined by global disruptions, sustainability imperatives, and digital transformation, the fields of logistics and supply chain management face unprecedented challenges and opportunities. This Special Issue seeks to bridge the gap between advanced analytical techniques and pressing real-world problems. We aim to showcase high-quality, original research that utilizes operations research methodologies—including optimization, stochastic modeling, simulation, and data analytics—to develop innovative solutions for complex logistics and supply chain problems. We invite contributions that address themes such as low-carbon logistics, platform supply chains, distribution network design, inventory control, operations management–market interface management, AI- and machine learning-driven supply chains, etc. Both theoretical advances with clear practical implications and compelling empirical studies are welcome. The goal of this Issue is to provide a platform for disseminating cutting-edge research that not only advances the operations research field but also offers tangible insights for improving the efficiency, sustainability, and robustness of global supply chains.

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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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