Special Issue

Computation and Optimization for Emerging Topics in Operations and Supply Chain Management

Message from the Guest Editors

This Special Issue invites cutting-edge research at the nexus of computational optimization and emerging supply chain challenges, leveraging advanced analytics, machine learning, and novel algorithmic frameworks to address critical issues such as behavioral operations research in human-system interactions, data-driven optimization for predictive and prescriptive analytics, AI/ML applications in demand forecasting, automation, and hybrid decision-making, blockchain-enabled solutions for traceability, trust, and decentralized coordination, smart logistics with IoT, autonomous systems, and real-time optimization, as well as sustainable supply chain optimization that balances efficiency with environmental and social impact. We welcome submissions spanning theoretical advances, computational models, or optimization methods, with a focus on scalable, efficient, and actionable solutions for academia and industry.

Guest Editors

Prof. Dr. Tengfei Nie

Prof. Dr. Zhaofu Hong

Dr. Zhongwei Chen

Deadline for manuscript submissions

28 February 2026

MDPI

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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