

## Special Issue

# Applied System Optimization for Logistics and Supply Chain Management

### Message from the Guest Editor

This Special Issue aims to gather cutting-edge research and recent advances in the development and application of system optimization techniques to solve complex problems within logistics and supply chain management. We invite original research articles, comprehensive reviews, and innovative case studies that focus on the use of advanced analytical, computational, and data-driven methods to enhance efficiency, responsiveness, and sustainability. Topics of interest include, but are not limited to, the following:

- Sustainable and Green Logistics: models for minimizing carbon footprint, closed-loop supply chains, and reverse logistics.
- Supply Chain Resilience and Risk Management: optimization strategies for mitigating disruptions and building resilient supply networks.
- AI and Machine Learning Applications: integration of machine learning, deep learning, and reinforcement learning for predictive and prescriptive analytics in supply chains.
- Heuristic and Metaheuristic Algorithms: development of novel algorithms for solving large-scale, NP-hard logistics and supply chain problems.

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### Guest Editor

Prof. Dr. Bo Lu

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### Deadline for manuscript submissions

20 March 2026



## Applied System Innovation

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an Open Access Journal  
Published by MDPI

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Impact Factor 3.7  
CiteScore 9.9



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### Message from the Editor-in-Chief

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#### Editor-in-Chief

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