Special Issue

Logistics Network Optimization and Supply Chain Design

Message from the Guest Editors

- This Special Issue aims to bring together research on systemic and data-driven approaches to the optimization of logistics networks and the design of adaptive, sustainable, and digital supply chains. We invite submissions of papers integrating systems thinking, modeling, and analysis, statistical analysis, and AI-assisted approaches to improve network configuration, coordination, and decision-making in complex, multi-stakeholder environments.

- The proposed topics include logistics network modeling, the use of digital twins in supply chain design, multi-criteria optimization, simulation of supply chain dynamics, and the application of artificial intelligence, machine learning, and systems engineering to enhance logistics performance. Particular attention is also given to the development and optimization of urban logistics systems and last-mile delivery structures as integral components of modern supply chain networks. We also encourage submissions of conceptual and empirical research that considers socio-technical, environmental, and strategic aspects of supply chain and logistics systems in the era of Industry 4.0 and Industry 5.0.

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Systems

About the Journal

Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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