

Special Issue

Modeling and Optimization for Resilient and Sustainable Global Supply Chains

Message from the Guest Editors

Modern supply chains are highly complex, and global supply chain networks are facing unprecedented challenges—from volatile demand and disruptive events to the pressing need for sustainability and digital transformation. The effective management of these systems is essential to achieving efficiency, resilience, environmental responsibility, and long-term competitive advantage. This Special Issue focuses on innovative analytical approaches, mathematical modeling, and advanced techniques that strengthen strategic and operational decision-making across transportation, logistics, and production systems. It encourages contributions that address complex supply chain challenges, sustainability, digital transformation, and the integration of emerging technologies to improve supply chain efficiency, adaptability, and resilience.

Guest Editors

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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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