Special Issue

Navigating Complexity in a Changing World: Challenges and Opportunities for Sustainable and Resilient Supply Chains

Message from the Guest Editors

This Special Issue invites high-quality research that addresses either sustainability or resilience or explores their interconnectedness within the context of supply chain management. We particularly welcome studies that examine synergies, trade-offs, or paradoxes between the two, as well as frameworks, tools, and strategies for managing these dynamics. Submissions using a variety of methodological approaches are encouraged, including conceptual, empirical, case-based, analytical, modeling, and mixed-method studies. Topics of interest include, but are not limited to, the following:

- Designing and managing supply chains to improve sustainability, resilience, or both, including planning methods and performance metrics.
- Exploring the trade-offs, synergies, and tensions between sustainability and resilience in supply chain strategies.
- Using data-driven methods such as AI, machine learning, and analytics to evaluate ESG performance and support sustainable and resilient supply chains.
- Managing supply chain risks through ESG-based strategies and decision support tools.
- Applying circular economy principles to strengthen supply chain sustainability and resilience, etc.

Guest Editors

Dr. Jaeyoung Oh

Dr. Joonhwan In

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Deadline for manuscript submissions

31 December 2025

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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