Special Issue

Sustainable Supply Chain Management in Construction Industry: 2nd Edition

Message from the Guest Editors

Sustainable supply chain management (SSCM) is a key research area focused on achieving a balance between economic, environmental, and social factors for supply chain networks. The scope of this Special Issue includes, but is not limited to, the following topics:

- Sustainable supply chain management in the construction industry.
- Multi-objective optimization models and algorithms for the construction
- Large-scale combinatorial optimization in construction
- Flexibility, resilience, and reliability analysis in the construction
- Production scheduling in the construction industry.
- Supply and delivery channel optimization in the construction industry.
- Risk management in construction supply chains.
- Sustainable consumption and energy-saving strategies in the construction industry.
- Sustainable construction and resilient built infrastructure.

Prospective authors are encouraged to follow the submission guidelines on the *Buildings* website to submit their latest, original, and innovative research to this Special Issue by the submission deadline.

Guest Editors

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Deadline for manuscript submissions

closed (10 June 2025)

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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