



Optimizing Logistics and Supply Chain Management towards Industry 5.0

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Deadline for manuscript
submissions:
closed (31 December 2025)

Message from the Guest Editors

Dear Colleagues,

The advent of Industry 4.0 paradigms changed the ways supply chain and logistics processes are managed. However, recent recommendations from the European Commission call for the need to shift towards the so-called “Industry 5.0,” which focuses on three main pillars: human centricity, resilience, and sustainability.

This Special Issue aims to stimulate research on potential Industry 5.0-oriented solutions to enhance the management of inbound and outbound logistics, warehouses and inventories, and supply chains. We encourage contributions that address, but are not strictly limited to, the following:

- The use of machine learning (ML) and artificial intelligence (AI) tools for operations management;
- Novel approaches for supply chain resilience management;
- Sustainability of logistics processes;
- Life Cycle Assessment (LCA) of complex industrial systems;
- Innovative solutions for integrating human-centric design, ICT tools, and product service systems (PSS).



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Research articles, case studies, and state-of-the-art review papers are welcome.

We look forward to receiving your contribution.

Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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