

Special Issue

Industry 4.0 Applications and System Solutions in Supply Chain Management

Message from the Guest Editors

The Special Issue aims to investigate the linkage of the theory and the practice of designing and redesigning or optimising supply chain networks models in terms of sustainability or circular economy concepts employing new innovative digital technologies of Industry 4.0.

Contributions may include supplychain networks design in terms of transportation, warehouses and their operations problems, theoretical and practical frameworks, as well as the efficient implementation of Industry 4.0 concepts, tools, and technologies and their integration with SCM and value chains practices.

- automation in inter-organizational operations;
- digital twin—digital transformation;
- autonomous logistics business models;
- digital manufacturing\supply chains;
- granularization of the supply chain;
- digital waste;
- digital supply chain business models;
- sustainable production and consumption;
- circular economy systems;
- Industry 4.0 predictive maintenance;
- transportation business models;
- physical internet and traceability;
- SCM 4.0 framework;
- sustainable value chains;
- information sharing and transparency;
- cyber-physical systems;
- stochastic reverse/closed-loop supply chains

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2022)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/102599

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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