

Special Issue

Applications of Digital Technologies in Manufacturing and Sustainable Supply Chains

Message from the Guest Editor

This Special Issue calls for papers that aim at understanding the opportunities, enablers, and barriers to incorporating digital technologies into the design, planning, and optimization of supply chains towards sustainability. It also targets the collection of valuable technical, empirical, and theoretical insights regarding the adoption of these new technologies into supply chain management and overall operations. Therefore, we encourage contributions that address the following research topics:

- Digital technologies and supply chain management towards sustainable operations;
- Machine learning and artificial intelligence in modelling and optimization of sustainable manufacturing supply chains;
- Surrogate modelling in sustainable manufacturing supply chain modelling and optimization;
- Smart sensors and big data analytics in manufacturing supply chain operations;
- Enablers, drivers, and barriers to integrating digital technologies in various stages of manufacturing supply chains;
- Application of digital technologies in closed-loop manufacturing supply chains.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2023)



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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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

Prof. Dr. Steve W. Lyon

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