

Special Issue

Industry 4.0 Technologies for Sustainable Manufacturing and Supply Chain Operations

Message from the Guest Editors

The objective of this Special Issue is to promote research concerning the linkage between Industry 4.0 technologies and the sustainability of manufacturing and supply chain operations. This Special Issue invites original papers dealing with, but not limited to, the following topics:

- Impacts of Industry 4.0-enabling technologies on sustainability;
- Sustainability impacts of new technologies at an early technology readiness level;
- Life cycle sustainability approaches of technological improvements in products and processes;
- Contribution of technologies to the Sustainable Development Goals;
- Role of Industry 4.0 technologies on the definition and measurement of sustainability performance indicators;
- Sustainability assessment, management, and performance of smart production and smart logistics;
- Sustainability performance benchmarking.

We look forward to receiving your contributions.

Guest Editors

Dr. Filippo Marciano
Dr. Giuseppe Tomasoni
Dr. Paola Cocca

Deadline for manuscript submissions

closed (27 May 2025)



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About the Journal

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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