



Industry 4.0 Technologies for Sustainable Manufacturing and Supply Chain Operations

Guest Editors:

Dr. Filippo Marciano

Department of Mechanical and Industrial Engineering, Università degli Studi di Brescia, Via Branze 38, 25123 Brescia, Italy

Dr. Giuseppe Tomasoni

Mechanical and Industrial Engineering Department, University of Brescia, 25121 Brescia, Italy

Dr. Paola Cocca

Department of Mechanical and Industrial Engineering, Università degli Studi di Brescia, Via Branze 38, 25123 Brescia, Italy

Deadline for manuscript submissions:

27 May 2024

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)