

Special Issue

Sustainable Production and Operations in the Transition to Industry 5.0: Bridging Research and Practice

Message from the Guest Editors

While the existing literature has broadly addressed Industry 5.0, sustainability and digital transformation, this Special Issue seeks to supplement these discussions by focusing specifically on sustainable production and operations in the transition to Industry 5.0, as well as on contributions that connect conceptual development with managerial and practical relevance. Topics of interest include, but are not limited to, the following:

- sustainable production and operations in the transition to Industry 5.0
- resilient and human-centered operations
- sustainable supply chains and logistics
- product, process and operations design for sustainability
- operations planning and control in sustainability-oriented contexts
- circular economy, closed-loop systems, remanufacturing and reverse logistics
- life-cycle thinking and life cycle assessment
- ethical and trustworthy AI for sustainable production and operations
- cross-country, cross-sector and practice-oriented studies on sustainable operations

Guest Editors

Prof. Dr. Fernando César Almada Santos

Prof. Dr. Christoph Koch

Dr. Diego Rorato Fogaça

Dr. David Hidalgo-Carvajal

Deadline for manuscript submissions

30 April 2027



Sustainability

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.9



mdpi.com/si/277791

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.9



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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
School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)