

Special Issue

Smart Manufacturing for Sustainability and Net Zero Transition

Message from the Guest Editors

This issue aims to present the latest research and developments in sustainable manufacturing. It is important to highlight that in order to make the manufacturing sector more environmentally friendly and sustainable, the focus should be not only on technological solutions and the environmental aspects of sustainability, but also on the social and financial facets of sustainability. In addition, changes considered should include different manufacturing levels, from design, materials and processes to equipment, manufacturing systems, human resources and standardisation levels. In this Special Issue, research areas may include (but are not limited to) the following:

- Design for sustainable manufacturing (including safe and sustainable designs);
- Smart manufacturing processes and carbon emissions;
- Twin transition;
- Process optimisation based on sustainability criteria;
- Sustainability of equipment and systems;
- Training, upskilling and reskilling of workforces;
- Green skills;
- Sustainability readiness of SMEs;
- Net zero transition;
- Sustainability pillars trade-offs.

We look forward to receiving your contributions.

Guest Editors

Dr. Vasiliki C Panagiotopoulou

Dr. Emanuele Pagone

Prof. Dr. Konstantinos Salonitis

Prof. Dr. Panagiotis Stavropoulos

Deadline for manuscript submissions

closed (31 December 2025)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/201717

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 3.3
CiteScore 7.7



[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)