

Special Issue

Eco-Innovation for Environmental, Social and Economic Sustainable Product/Process/Supply Chain Design

Message from the Guest Editors

During the UN Decade on Ecosystem Restoration (2021–2030), there is a need to obtain an estimate of the impacts associated with social, environmental, and economic sustainable design. The aim of this Special Issue is to collect valuable contributions proposing approaches, methods and tools supporting eco-innovation in environmentally, socially and economically sustainable product/process design.

- The development of taxonomies of social, environmental and economic impacts to lead sustainable innovative design.
- The use of failure mode and effects analysis (FMEA) to determine the repercussions that an innovative solution could have on social, environmental and economic impacts.
- The integration with artificial intelligence (AI) to support sustainable innovative design.
- The use of knowledge sources, especially patents, to support sustainable innovative design through the technological forecasting.
- The quantitative assessment of the social, environmental and economic sustainability of the innovative solutions in the future perspective, e.g., through prospective life cycle assessment (LCA).
- Sustainable Supply Chain.
- Low-carbon technology.

Guest Editors

Dr. Christian Spreafico

Department of Management, Information and Production Engineering,
University of Bergamo, 24044 Dalmine, Italy

Dr. Agung Sutrisno

Department of Mechanical Engineering, Sam Ratulangi University,
Manado 95115, Indonesia

Deadline for manuscript submissions

closed (26 September 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/163087

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. *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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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