

Special Issue

Quantitative Methods for Sustainable Product Development

Message from the Guest Editor

Today, sustainable product design requires holistic approaches involving the whole product life cycle. These approaches aim to improve models, metrics for sustainability evaluation, and optimization methods at the product, process, and system levels. Sustainable product design is one of crucial challenges for manufacturers to achieve sustainability. Consequently, there is the need to elaborate quantitative methods for measuring and monitoring sustainability, supporting sustainable manufacturing processes, and managing sustainable product development.

This Special Issue is concerned with exploring new directions in quantitative approaches dedicated to sustainable product development within the whole product life cycle. Moreover, this Special Issue aims to encourage discussion on developing and deploying quantitative methods for sustainability performance evaluation, sustainable product design, decision making for sustainable development, and product life cycle management. Manuscripts based on integrated and interdisciplinary approaches related to sustainable product development frameworks, technologies, and case studies are particularly welcome.

Guest Editor

Prof. Dr. Marcin Relich

Faculty of Economics and Management, University of Zielona Góra,
Zielona Góra, Poland

Deadline for manuscript submissions

closed (16 November 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/161174

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)