

Special Issue

Sustainable Circular Economy in Industry 4.0

Message from the Guest Editors

The focus of this Special Issue is on circular economy and Industry 4.0 research that can improve sustainability practices, efficiency, and performance in organizations through resource and technological support optimization in the multisensory immersive extended reality-based digital economy. The scope is to integrate research clarifying how smart product manufacturing, artificial intelligence algorithms, and big data processing and blockchain technologies enable sustained circular supply chain operations and performance, management practices, and product digitalization. The purpose is to show how Artificial Intelligence of Things, cloud computing services, and digital twin simulation and modeling technologies assist sustainable product management decision-making in resource planning and logistics, optimizing economic and environmental performance. This Special Issue aims to supplement, or relate to, the existing literature by integrating research, demonstrating how renewable energy and low-carbon technologies can be deployed in the organizational management and decision support of circular and sustainable smart production and manufacturing processes.

Guest Editors

Dr. George Lazaroiu

Department of Economic Sciences, Spiru Haret University, 030045 Bucharest, Romania

Prof. Dr. Dan-Cristian Dabija

1. Department of Marketing, Faculty of Economics and Business Administration, Babes-Bolyai University, Cluj-Napoca, Romania
2. Academy of Romanian Scientists, Bucharest, Romania

Deadline for manuscript submissions

20 November 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/199641

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)