Special Issue

Opportunities and Challenges in the Sustainable Development of Composite Material

Message from the Guest Editors

we invite you to contribute to the Special Issue titled "Opportunities and Challenges in the Sustainable **Development of Composite Material**". The Special Issue will focus on the latest research, opportunities, challenges and obstacles in making composite materials more sustainable. It highlights research on eco-friendly materials, energy-efficient manufacturing technologies, recyclability and the prospects of improving the mechanical properties of composite materials while respecting the principles of sustainable development. Moreover, advancements in composite laminates, the mechanical properties and failure behavior of pultruded elements, strengthening techniques for engineering structures, damage analysis and monitoring while addressing key concerns such as damage onset and damage evolution, delamination and debonding are other objectives of this Special Issue, maintaining the prospects of a sustainable development.

Guest Editors

Dr. Iuliana Hudisteanu

Dr. Ioana-Sorina Enţuc

Dr. Gabriel Oprişan

Prof. Dr. Nicolae Tăranu

Deadline for manuscript submissions

28 February 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/232465

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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 OC5, 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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

