

Special Issue

Sustainable Innovations and Advanced Techniques in Composite Structures: Towards a Greener Future

Message from the Guest Editors

This Special Issue will explore recent advances in sustainable composite structures and composite manufacturing process, focusing on improvements in the eco-efficiency of composites, including natural reinforcements, the application of energy-efficient manufacturing techniques, and the optimization of composite structures. It will address the sustainable design, manufacturing, operation and maintenance of composite structures, reducing the environmental impact of construction by optimizing composite structures and manufacturing methods in the aerospace, automotive, and civil engineering industries.

The objective of this Special Issue is to address problems related to sustainability by synthesizing the best practices in the design, manufacturing, and operation of composite structures, offering novel solutions that support global sustainability goals and promoting the eco-efficiency of composites. It will provide a broader perspective on the sustainability of composite structures, consistent with the goal of enhancing the environmental performance of composites and synthesizing scientific, industrial and economic aspects.

Guest Editors

Prof. Dr. Andrii Kondratiev

Prof. Dr. Natalia Smetankina

Dr. Oleksii Vambol

Deadline for manuscript submissions

31 January 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/220859

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)