

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

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Dr. Oleksii Vambol

Deadline for manuscript submissions

closed (31 January 2026)



Sustainability

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/220859

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

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