



## Sustainable Composite Materials Technologies

Guest Editors:

**Dr. Mohit Sharma**

**Dr. Anthony Comer**

**Dr. Dipa Roy**

**Dr. Ajay Kumar Kadiyala**

**Dr. Manunya Okhawilai**

Deadline for manuscript  
submissions:

**closed (15 March 2023)**

### Message from the Guest Editors

Composite materials characteristically support sustainable technology solutions due to their excellent specific strength, dimensional stability, and recyclability. Advanced composite materials efficiently contribute towards the initiative for a carbon-neutral society. The key themes of this Special Issue include (but are not limited to) the following:

- Lightweight, sustainable composite manufacturing technologies
- Techno-economic and life cycle assessment (LCA) of advanced composites
- Circular economy solution for composite recycling
- Efficient composite recycling by endorsing blockchain technologies and artificial intelligence (AI)
- Advanced materials and composites for next-generation additive manufacturing technologies
- Recycling mechanism for fiber-reinforced composites
- Advanced debonding/disbanding mechanism of composite structures
- Advanced bioplastics, bio-composite materials
- Next-generation composites for aviation
- Composite materials development for harsh environment utilities
- Fiber-reinforced polymer composites processing utilizing carbon fiber/glass fibers/aramid fiber/natural fiber, etc.







an Open Access Journal by MDPI

## 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

## 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.

## 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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

## Contact Us

*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)