

Special Issue

Sustainable Composite Materials Technologies

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.

Guest Editors

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Deadline for manuscript submissions

closed (15 March 2023)



Sustainability

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Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/111661

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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. *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.

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