



Advances in Sustainable Nanocomposites

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Message from the Guest Editors

The development of sustainable materials is accelerating in response to zero-carbon policy goals. Government agencies and organizations are pushing for the use of sustainable technologies as a way to deal with both rapid climate change and rising energy demand. The implementation of urban and futuristic sustainable materials technology is critical from an environmental perspective. The high specific strength, dimensional stability, and recyclability of nanocomposite materials make them ideal for use in environmentally friendly technological applications.

The key themes of this Special Issue include (but are not limited to) the following:

- Life cycle assessment (LCA) of nanocomposites;
- Nanocomposites;
- Bioplastics and biocomposites;
- Recycled plastics;
- Composite manufacturing;
- Composite materials for energy applications;
- Fiber-reinforced polymer composite processing;
- Modelling and simulation;
- Coating and thin film materials;
- Lightweight composites;
- Tribological analysis for composite materials;
- Multifunctional composites.





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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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