

Special Issue

Bio-Innovate: Advancing Sustainable Futures through Cutting-Edge Materials Engineering

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following topics:

- Biosynthesis of advanced materials;
- Smart Nanomaterials for environmental monitoring and remediation;
- Biodegradable polymers and their role in sustainable material development;
- Synthetic biology approaches to enhance material properties;
- Circular bioeconomy: integrating biotechnology and materials for a sustainable future;
- Sustainable Innovation in advanced materials;
- Nanotechnology in the circular economy;
- Materials life cycle of the advanced materials;
- Sustainability in additive manufacturing of advanced materials;
- Application of biomass-derived materials;
- Crafting sustainable biomaterials from natural sources.

Keywords

- nanotechnology
- novel materials
- biomaterial development
- biosynthesis
- materials engineering
- advanced nanomaterials

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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.

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