

Special Issue

Development and Application of Polymers in Sustainable Green Materials

Message from the Guest Editor

This Special Issue on the "Development and Application of Polymers in Sustainable Green Materials" aims to delve into innovative solutions in sustainable materials, focusing on the pivotal role of polymers. This Special Issue provides a comprehensive platform for the exchange of knowledge and ideas regarding both the development and application of polymers in creating sustainable green materials. Specifically, we discuss the diverse applications of sustainable green polymers, addressing contemporary environmental challenges such as pollution, resource depletion, and climate change. In this Special Issue, we welcome original research articles and reviews covering a range of research areas including, but not limited to:

- Polymer blends for enhanced properties;
- Smart polymers for controlled release;
- Recycling and upcycling of polymer waste;
- Polymers in renewable energy applications;
- Bio-inspired polymers for environmental remediation;
- Life cycle assessment of polymer materials.

We look forward to receiving your valuable contributions to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (18 January 2025)



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About the Journal

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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