



Recent Advances in Sustainable Bio-Based Materials: Preparation, Modification and Utilization

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Message from the Guest Editors

Dear Colleagues,

In the context of the plastic pollution crisis and non-stop global warming, bio-based materials are of great importance in responding to concerns over the environment, the scarcity of resources, the security of energy supplies as well as the increasing carbon footprints.

With modern advanced technologies, bio-based materials could be converted to any material we could possibly imagine, and act as a sustainable alternative to produce cost-effective, value-added, environment-friendly materials for the benefit of society.

We warmly welcome scholars in related fields to submit papers to this Special Issue and explore the infinite potential of bio-based materials!

Keywords:

- bio-based materials
- bio-energy/ biofuel
- biodegradable plastics
- modification/synthesis
- cellulose/hemicellulose/lignin
- xyloglucan/galactomannans/starch
- saponin/bagasses/chitin



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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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