

Special Issue

Advances in Sustainable Valorization of Natural Waste and Biomass

Message from the Guest Editor

With the increasing global awareness of the need for a sustainable world, careful processing of different natural waste and biomass has become an important area of research. The valorization of these resources is not only economically viable but also ensures minimization of waste from the environment, making our world cleaner. This Special Issue brings together the most recent advances in sustainable redesign of natural waste and biomass toward essential and meaningful everyday applications. Papers in this Special Issue are welcome to focus on but are not limited to the following topics:

- Sustainable utilization of fibrous waste such as textiles and cellulose;
- Novel biocomposites, such as cellulose/lignocellulose or protein-based composites;
- Functional additives sourced from waste (such as nanoparticles);
- Physicochemical properties of waste-derived new materials;
- Process optimization and control of the performance of waste-derived materials;
- High performance adsorbents derived from natural waste/biomass tackling pollution, such as wastewater treatment.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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