

Special Issue

New Insights into Sustainable Application of Agricultural and Forestry Waste Biomass

Message from the Guest Editor

This Special Issue, entitled “New Insights into Sustainable Application of Agricultural and Forestry Waste Biomass”, explores the opportunities and challenges associated with the sustainable valorization of agricultural and forestry residues.

The scope of this Special Issue includes:

1. The application of technologies that are able to convert biomass into bioenergy, such as biogas, bioethanol, and biodiesel, along with processes such as pyrolysis and gasification.
2. The production of high-value bioproducts, such as bioactive compounds, bioplastics, and biodegradable materials, with applications across various industries.
3. The use of biomass residues such as soil amendments and biochar in agricultural applications.
4. Circular economy models and success stories, highlighting initiatives that enhance sustainability.
5. Studies on the environmental impact of these processes, including life cycle assessments (LCAs) provide insights into their sustainability.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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