Special Issue

High-Value Utilization of Forest and Agricultural Biomass

Message from the Guest Editor

Biomass is regarded as a highly sustainable carbon source for biofuels, biochemicals, biomaterials, functional food, and sustainable products. The basic structure of the lignocellulose cell wall consists of cellulose, hemicellulose, lignin, and pectin. Achieving the capacity to efficiently produce high-value products from bio-renewable carbon feedstocks can overcome the challenges associated with global issues, including diminishing oil reserves and increasing greenhouse gas emissions. In this Special Issue, we welcome submissions of original research and systematic reviews addressing various domains, including, but not limited to, the following:

- Plant cell wall analysis.
- Biofuels from forest and agricultural biomass.
- Biochemicals from forest and agricultural biomass.
- Biomaterials from forest and agricultural biomass.
- Functional food from forest and agricultural biomass.
- Other high-value products from forest and agricultural biomass.
- Plant cell wall modification and improved techniques.
- Genes related to forest and agricultural biomass growth.
- New techniques for forest and agricultural biomass utilization.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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