Special Issue

Biomass Resource Utilization

Message from the Guest Editors

Biomass, the oldest source of energy after the sun, is the largest renewable energy source because of its unlimited supply. The term "biomass resources", sometimes referred to as bio renewable resources, are all forms of organic materials, including both living and waste plant matter as well as animal matter and animal waste products. As a result, bioenergy is of increasing interest as a renewable, environmentally friendly alternative to energy derived from fossil fuels. Biomass can be converted to solid, liquid, or gaseous biofuels via a variety of processes; however, many problems remain in the maintenance and development of biomass-toenergy utilization. Considering the global importance of efficient biomass resource utilization, the goal of this Special Issue of Sustainability is to advance and disseminate knowledge in all areas related to biomass, biological waste treatment, bioenergy, biotransformation, and bioresource systems analysis, as well as technologies associated with conversion or production. We also invite the submission of articles relating to the efficient utilization of biomass resources as livestock feeds.

Guest Editors

Dr. Min Aung Prof. Dr. Yanfen Cheng Dr. Lizhuang Hao

Deadline for manuscript submissions

closed (30 June 2023)



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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

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