Special Issue

Recent Developments in Renewable Biomass for Sustainable Energy: Current Status and Future Prospects

Message from the Guest Editors

Today, with rapid economic development and the continuous growth of the world population, energy consumption is sharply increasing. However, fossil fuel resources still dominate the energy market, accounting for 87% of global energy consumption. In response to the climate crisis and environmental pollution, many countries have revised their energy schemes, in which process renewable energy plays an important role. Among the different forms of renewable energy, biomass has been considered a crucial resource that can provide a variety of energy needs, including generating electricity, fuelling vehicles, and providing heat. The main advantage of biomass, as the only renewable carbon source, over all other renewable resources, is the possibility to be converted into solid. liquid, and gaseous fuels through different conversion routes. This Special Issue aims to publish recent advances in the basic research and technological development of renewable energy through the highvalue utilization of different biomass feedstock, mainly focusing on biowaste. Dr. Ponraj Mohanadoss Dr. Ashokkumar Veeramuthu

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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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