



Sustainability of Bioenergy Production and Consumption towards Carbon Neutrality

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Message from the Guest Editors

Dear Colleagues,

The United Nations' Sustainable Development Goals (SDGs) are designed to revolutionize societies to prepare for the future challenges. Sustainable energy production (aligned with SDG 7), sustainable waste services (aligned with SDG 11), and mitigating climate change impacts (aligned with SDG 13) have been the prime focus among the SDGs. The scarcity of fossil fuels and the degradation of our environment are the major contributors towards the prompt and necessary development of technology—especially technologies to support the sustainability of renewable energy generation and consumption towards carbon-neutral processes. This Special Issue aims to contribute to the sustainable sources for the clean and green energy production for a carbon-neutral cycle. The main topics of interest for this Special Issue include, but are not limited to:

Bioenergy and Sustainable Development Goals;
The role of bioenergy and carbon efficiency
Sustainable biomass resources for carbon neutral cycle;
Process optimization and scale-up of WtE systems;
Roadmap and strategies for sustainable bioenergy deployment.

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