

Special Issue

Sustainability of Bioenergy Production and Consumption towards Carbon Neutrality

Message from the Guest Editors

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.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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

Prof. Dr. Steve W. Lyon

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