

Special Issue

Sustainable Development of Biomass Energy under the Trend of Carbon Neutrality

Message from the Guest Editors

The aim of this SI is to promote the R&D of biomass conversion with the assistance of multifield enhancement. Reaction pathways can be changed under multifield collaboration, and the in-depth mechanism should be revealed. The sustainability of the process, including the motivation and maintenance of the multifield, the stability of the process, and the economic and environmental benefits, should be evaluated, and these topics all lie within the scope of this SI. In this Special Issue, original research articles and reviews are welcomed. Research areas may include (but are not limited to) the following:

- Biomass gasification/pyrolysis and product upgrading with the assistance of microwaves;
- Biomass to hydrogen conversion via photothermal-assisted conversion;
- Highly efficient pretreatment of biomass under multifield effect and system evaluation.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

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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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