

## 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.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2025)



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## Editor-in-Chief

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