

Special Issue

Research on Biomass Energy and Resource Utilization Technology

Message from the Guest Editors

This Special Issue on “Research on Biomass Energy and Resource Utilization Technology” will present research innovations through the techniques of modeling and simulating biomass transformation processes as an important component of energy systems analysis or cost-effective processes for obtaining platform molecules for synthesizing value-added chemicals. The research areas may include, but are not limited to, the following:

- Development of models or simulations of process units for the transformation of biomass into energy products.
- Development of models or simulations of process systems for obtaining platform molecules.
- Design, analysis, control, optimization, operation, planning or scheduling of energy production processes using models or simulations, such as techno-economic analysis, energy/exergy analysis, environmental or life cycle analysis, value and supply chain analysis.
- Design of materials and operating conditions in continuous, semi-continuous, and continuous batch reactors.

Guest Editors

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Deadline for manuscript submissions

25 January 2026



Processes

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