

## Biomass Torrefaction: Processes, Applications and Challenges

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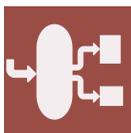
**closed (20 November 2023)**

### Message from the Guest Editor

This Special Issue on “Biomass Torrefaction: Processes, Applications, and Challenges” aims to gather outstanding research and the comprehensive coverage of all aspects related to biomass torrefaction, covering a wide range of technologies for the production of torrefied biomass for both energy and building block chemical applications. Topics include, but are not limited to:

- Biomass torrefaction technologies, including both lab and pilot scales.
- Biomass preprocessing (size reduction, pelleting, and pretreatment), torrefaction, and densification integration.
- Assisted and novel torrefaction processes, including ultrasonic, microwave, and other assisted processes.
- Process modeling, life cycle assessment, and process techno-economic analysis.
- Applications of torrefied biomass to novel areas, such as batteries, fuel cells, and in carbon electrodes.





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## Message from the Editor-in-Chief

*Processes* (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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