

## Special Issue

# Green Chemistry and Sustainable Biomass Conversion

### Message from the Guest Editors

This Special Issue delves into the multifaceted realm of biomass conversion. We particularly encourage contributions that delve into various biomass conversion techniques, including pyrolysis, torrefaction, gasification, hydrothermal conversion, and biological conversion. Research areas may include (but not limited to) the following:

- Innovative approaches to pyrolysis, torrefaction, gasification, hydrothermal, and biological conversion of biomass.
- Pioneering catalysts and catalytic processes aimed at enhancing biomass conversion efficiency.
- Strategies for enhancing and customizing the products derived from biomass.
- In-depth kinetic and thermodynamic analyses of biomass conversion processes, uncovering the underlying mechanisms.
- Machine learning models for a better understanding and utilization of biomass conversion processes.
- Life cycle assessments and techno-economic analyses of emerging biomass conversion methodologies.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Yuming Wen

Dr. Yuhao Fu

Prof. Dr. Na Duan

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### Deadline for manuscript submissions

closed (19 July 2024)



## Sustainability

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### Editor-in-Chief

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