

## Special Issue

# Fuels and Chemicals from Thermal Conversion of Renewable Carbon Sources

### Message from the Guest Editors

This special Issue will cover a variety of topics in order to advance research into thermal conversion technologies. These include, but are not limited to which include, the following areas: (1) Biomass thermochemical conversion (2) Renewable hydrogen production from biomass gasification (3) Catalytic conversion of biomass and/or recycled plastics (4) CO<sub>2</sub> capture technologies (5) Approach and tools for analyzing various bio-oils (6) Lignin-related approach (7) Catalysis design for depolymerization of lignin or recycled plastics (8) Solvolysis of biomass or plastics (9) Carbonization technologies for hydrogen storage (10) Biochar and energized pellets production (11) Fuel properties characterization (12) Techno-economic analysis on the thermal conversion processes (13) Perspective and review on thermal and catalytic conversion

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### Guest Editors

Dr. Yinglei Han

Prof. Dr. Rupam Kataki

Dr. Sohrab Haghighi Mood

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### Deadline for manuscript submissions

closed (10 February 2024)



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### Editor-in-Chief

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