

Special Issue

Thermochemical Conversion and Revalue of Biomass

Message from the Guest Editor

This Special Issue focuses on the thermochemical conversion of biomass and/or bio-based feedstocks and wastes into biofuels, bio-based chemicals, and biomaterials. As such, we kindly invite authors to submit original communications, full research papers, and reviews addressing their latest research into the use of thermochemical processes and novel strategies for the valorization of biomass. This includes, but it is not limited to, biomass and/or bio-based feedstocks valorization by steam reforming, aqueous phase reforming, hydrothermal liquefaction, hydrothermal carbonization, hydrolysis, torrefaction, gasification, pyrolysis, and the use of supercritical fluids, among other thermochemical processes or combination of processes recently developed to this end. Keywords

- biomass
- bio-based feedstocks
- thermochemical conversion
- biofuels
- biochemicals
- biomaterials
- green chemistry
- sustainable engineering

Guest Editor

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