

Special Issue

Kinetic Modeling of Biomass Pyrolysis Processes

Message from the Guest Editors

This Special Issue on “Kinetic Modeling of Biomass Pyrolysis Processes” aims to address the main kinetic features of biomass pyrolysis and devolatilization, with the focus on primary decomposition. The topics include, but are not limited to:

- Innovative experimental/theoretical methodologies for the analysis of pyrolysis kinetics
- Devolatilization behavior and kinetics of agricultural residues and wastes
- Effects of pretreatments on the thermal degradation kinetics of biomass
- Thermal degradation kinetics of lignocellulosic biomass macro-components

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