



## Biomass Pyrolysis Reactors

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Deadline for manuscript submissions:

**closed (28 April 2023)**

### Message from the Guest Editors

This Special Issue is dedicated to the biomass energy, coming from materials such as organic waste. This renewable energy is obtained by pyrolysis, thermal decomposition occurring in the absence of oxygen, which allows the obtention of different proportions of products depending on the conditions.

Commercialization of the biomass pyrolysis technology is still challenging. In order to solve this issue, recent studies are focused on the mechanism of pyrolysis, influencing parameters, analysis of products, reactor design, development of new reactors, and catalysts for catalytic pyrolysis.

In this Special Issue, we invite submissions studying recent advances in the field of biomass pyrolysis and reactors, including theoretical and experimental analyses, as well as comprehensive review papers. They will undoubtedly contribute to extend the knowledge and development of the process.

- biomass
- thermal degradation
- kinetic model
- pyrolysis products
- fast pyrolysis
- flash pyrolysis
- catalytic pyrolysis
- reactor design





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## Message from the Editor-in-Chief

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