

Special Issue

Advances in Gasification and Pyrolysis of Wastes

Message from the Guest Editors

This Special Issue of *Processes*, entitled “Advances in Gasification and Pyrolysis of Wastes”, calls for high-quality works on modeling, simulation, and experimental tests, and reviews about waste and biomass thermochemical conversion processes. Your contributions are crucial to the success of this Issue. Potential topics include, but are not limited to, the following areas:

Kinetic and thermodynamic analysis of waste pyrolysis and gasification;

Computational modeling of waste and biomass thermochemical conversion processes;

Evaluation of experimental tests of wastes/biomasses gasification and pyrolysis in fixed, fluidized, or entrained beds;

Techno-economical and life cycle assessment of the thermochemical conversion process and its applications;

Exploration of gasification and pyrolysis products use, such as Fischer–Tropsch synthesis, electricity generation, dimethyl ether production, diesel synthesis, and biochar application, among others;

Review works about gasification and advances in pyrolysis, considering computational modeling or experimental approaches.

Guest Editors

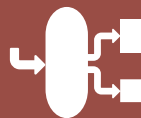
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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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