

## Special Issue

# Advances in Coal Gasification Process and Technology Development

### Message from the Guest Editors

Dear Colleagues This Special Issue, entitled “Advances in the Coal Gasification Process and Technology Development”, aims to gather outstanding research that addresses advances in the coal gasification process and its technology. It will cover a wide range of processes applicable to coal gasification, employing a variety of resources and technologies in both economically and environmentally friendly ways. This Special Issue will collate high-quality research articles on various aspects of coal gasification process technology, including its current status and remaining challenges. Topics include, but not are limited to, the following:

- Advanced coal gasification process technology, including underground gasification, catalytic gasification, hydrogasification, supercritical water gasification and plasma gasification.
- Simulations and experiments for advanced coal gasification technology.
- Design for the advanced coal gasification process.
- Evaluation of the energy efficiency and economic benefits of the coal gasification process

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### Guest Editors

Dr. Zewu Zhang

Dr. Liutao Sun

Dr. Fan Hu

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### Deadline for manuscript submissions

closed (31 August 2024)



## Processes

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## About the Journal

### 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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### Editor-in-Chief

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