Special Issue

CO$_2$ Capture and Utilization and Molecular Simulation

Message from the Guest Editors

This Special Issue, entitled "CO2 Capture and Utilization and Molecular Simulation", aims to gather high-quality contributions that address the most recent and innovative advancements in CCU technology and molecular simulation-assisted CCU process development. Topics include, but are not limited to, the following:

- The development of models or simulations for CO2 capture and utilization
- The innovative development of CO2 capture and utilization technologies.
- Multiscale molecular simulation for the CO2 capture process
- The process design, optimization and economic evaluation of an CO2 capture system

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2025)

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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.

Editor-in-Chief

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