

## Special Issue

# CO<sub>2</sub> Capture and Utilization and Molecular Simulation

### Message from the Guest Editors

This Special Issue, entitled "CO<sub>2</sub> 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 CO<sub>2</sub> capture and utilization
- The innovative development of CO<sub>2</sub> capture and utilization technologies.
- Multiscale molecular simulation for the CO<sub>2</sub> capture process
- The process design, optimization and economic evaluation of an CO<sub>2</sub> capture system

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### Guest Editors

Dr. Ying-Chieh Hung

Prof. Dr. Chieh-Ming Hsieh

Dr. Ardila Hayu Tiwikrama

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### Deadline for manuscript submissions

closed (30 April 2025)



## Processes

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### Editor-in-Chief

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