

Special Issue

Recent Technologies on CO₂ Capture and (Photo) Electrochemical Utilization

Message from the Guest Editors

This Special Issue aims to compile medium-sized review papers or original research articles showcasing pertinent and recent developments or achievements in CO₂ capture and (photo)electrochemical utilization. Topics of interest include, but are not limited to, the utilization and development of both commercial and novel processes for CO₂ capture (such as chemical absorption, pressure swing adsorption, and membrane technologies, among others) and (photo)electrochemical utilization applications, alongside life-cycle assessment and technoeconomic analysis of these processes. As such, we welcome both original research papers and review articles. We are looking forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (10 August 2025)



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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.

Editor-in-Chief

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