



Research Progress of CO₂ Capture and Utilization in Chemical Engineering

Guest Editors:

Dr. Jiawei Hu

Dr. Jiawei Zhong

Dr. Guanghui Zhang

Dr. Tianjia Chen

Dr. Qingxiang Ma

Deadline for manuscript
submissions:

closed (20 June 2024)

Message from the Guest Editors

This Special Issue aims to update the research progress of CCU technologies in support of their future developments. We kindly invite you to submit a contribution (in the form of research articles, reviews, letters and communications) to this Special Issue of *Processes*.

Contributions within the following topics are welcome, but not limited to them:

- novel processes in CO₂ capture and utilization;
- advanced materials and technologies for CO₂ adsorption and separation;
- advanced catalysts and technologies for CO₂ conversion;
- novel theory and calculation methods in CO₂ capture and utilization.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: CiteScore - Q2 (Chemical Engineering (miscellaneous))

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)