

Special Issue

Advances in Decarbonization Processes in Industry

Message from the Guest Editor

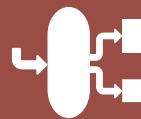
This Special Issue, "Advances in Decarbonization Processes in Industry", will gather cutting-edge research and reviews on innovative decarbonization technologies, with an emphasis on their technology readiness levels (TRLs). As well as the assessment of their technological feasibility, the economic viability of these processes will be a critical focus, to ensure their practical applicability in industrial settings. Particular attention will be given to transformative solutions for use in heavy industries, which are major consumers of fossil-based fuels and resources. This Special Issue will examine the potential for significant CO₂ emission reductions within these sectors. The proposed technologies may be integrated into existing industrial processes or, where feasible, partially or fully replace them, provided that they meet both technical and economic requirements. This comprehensive exploration will highlight strategies for decarbonizing resource-intensive industries while addressing the challenges of implementation and scalability.

Guest Editor

Dr. Talieh Rajabloo
IMO-IMOMEC, Hasselt University, Wetenschapspark 1, 3590 Diepenbeek, Belgium

Deadline for manuscript submissions

10 March 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/231194

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

[mdpi.com/journal/
processes](http://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](http://mdpi.com/journal/processes)

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.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

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))

