

Special Issue

Chemical Engineering Towards Sustainable Development Goals

Message from the Guest Editor

- This Special Issue explores innovative chemical engineering solutions that address the challenges outlined in the United Nations Sustainable Development Goals (SDGs). As the world faces unprecedented challenges in energy, environment, and resource management, chemical engineers play a crucial role in developing sustainable technologies.
- We invite original research articles and comprehensive reviews that address key areas such as clean energy production, efficient resource utilization, and environmental protection.
- Topics of interest include, but are not limited to, advances in hydrogen production and fuel cell technology, novel renewable energy systems, improved energy storage solutions, biorefinery processes for sustainable chemicals and materials, CO₂ capture and utilization strategies, and technical and economic analyses of emerging sustainable technologies.

Guest Editor

Dr. Amornchai Arpornwichanop

Center of Excellence in Process and Energy Systems Engineering,
Department of Chemical Engineering, Faculty of Engineering,
Chulalongkorn University, Bangkok 10330, Thailand

Deadline for manuscript submissions

20 December 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/213210

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

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





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



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