

## Special Issue

# Multi-Criteria Decision Making in Chemical and Process Engineering

### Message from the Guest Editors

This Special Issue on “Multi-Criteria Decision Making in Chemical and Process Engineering” focuses on new developments and applications of MCDM to processes and systems of interest to chemical and process engineers. The topics include but are not limited to the following:

- New or improved MCDM methods;
- MCDM applications in chemical processes;
- Development of MCDM software or tools;
- Sensitivity analysis (including rank reversal) of MCDM methods;
- MCDM used within single-objective optimization (SOO) or multi-objective optimization (MOO);
- Selection and design of novel chemicals and materials;
- Process selection, design, and operation with MCDM methods;
- Integration of MCDM with artificial intelligence (AI) and machine learning (ML);
- MCDM for green and sustainable chemical processes.

To maximize impact, authors contributing to this Special Issue are invited to deposit their process models in an open access repository and/or provide them as Supplementary Materials.

---

### Guest Editors

Prof. Dr. Gade Pandu Rangaiah

Dr. Andrew Hoadley

Dr. Zhiyuan Wang

---

### Deadline for manuscript submissions

20 June 2026



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/217972](https://mdpi.com/si/217972)

*Processes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto: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))