

## Special Issue

# Advances in Process Systems Engineering: Selected Papers from China PSE Annual Meeting

### Message from the Guest Editors

Process systems engineering can improve system efficiency in multiple ways. Especially with the rise of artificial intelligence, its efficient modeling and analysis capabilities have made it easier to integrate and optimize complex systems. Meanwhile, with the increasing demand for carbon reduction in industry, more attention is paid to environmental factors. It is necessary to analyze and optimize the overall performance of industrial engineering based on multiple factors such as environmental and economic factors. This Special Issue is a reflection of the high-quality papers presented at 2024 China PSE Annual Meeting. This Special Issue aims at showing the most recent advances in process/product design, process control/scheduling/planning, artificial intelligence theory and methods in process engineering, process simulation/analysis/optimization, etc.

### Guest Editors

Prof. Dr. Yufei Wang

State Key Laboratory of Heavy Oil Processing, China University of Petroleum, Beijing 102249, China

Prof. Dr. Lei Zhang

School of Chemical Engineering, Dalian University of Technology, Dalian 116024, China

### Deadline for manuscript submissions

closed (31 July 2025)



## Processes

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/210123](https://mdpi.com/si/210123)

*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))