

## Special Issue

# Modeling, Simulation, Control, and Optimization of Processes

### Message from the Guest Editors

This Special Issue on “Modeling, Simulation, Control, and Optimization of Processes” aims to curate novel advances in process systems engineering (PSE) focusing on sustainable processes. Topics include, but are not limited to, methods and/or applications in the following areas:

- Process Modeling and Simulation;
- Process Optimization;
- Process Synthesis and Design;
- Process Integration and Intensification;
- Process Control and Instrumentation;
- Data Mining and Machine Learning;
- Production Planning and Scheduling;
- Molecular Modeling and Product Design;
- Fault Detection and Diagnostics;
- Digital Twins and other Industrial Applications of PSE Tools.

---

### Guest Editors

Prof. Dr. Argimiro Resende Secchi

Dr. Marco S. Reis

Dr. Simone De Carvalho Miyoshi

---

### Deadline for manuscript submissions

closed (30 July 2024)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.1



[mdpi.com/si/159580](https://mdpi.com/si/159580)

*Processes*

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 5.1



[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:

JCR - Q2 (Engineering, Chemical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))