

Special Issue

Process Systems Engineering- Incubating Sustainability for Industrial Revolution 4.0

Message from the Guest Editors

The latest research in this intriguing field was presented and discussed at the 2024 PSE Asia International Symposium held in Penang, Malaysia, on 5–8 August 2024. The PSE Asia series is a biennial international symposium in Asia, bringing together researchers and practitioners to discuss recent developments in Process Systems Engineering. PSE Asia 2024 is the 11th symposium, following previous events in Kyoto (2000), Taipei (2002), Seoul (2005), Xi'an (2007), Singapore (2010), Kuala Lumpur (2013), Tokyo (2016), Bangkok (2019), Taipei (2020), and Chennai (2022). This Special Issue is a reflection of the high-quality papers presented at the 2024 PSE ASIA International Symposium. This Special Issue aims to showcase the most recent advances in process dynamics and control, product and process design, supply chain management, PSE for circular economy/sustainable processes, PSE for process safety and operations, process integration and optimization, artificial intelligence and big data, and education in process systems engineering and industry applications.

Guest Editors

Dr. Lee Tin Sin

Department of Chemical Engineering, Universiti Tunku Abdul Rahman, Kajang, Malaysia

Prof. Dr. Thomas S.Y. Choong

Department of Chemical and Environmental Engineering, Universiti Putra Malaysia, Serdang 43400, Selangor, Malaysia

Deadline for manuscript submissions

31 March 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.1



mdpi.com/si/216175

Processes

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 5.1



[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))