

Special Issue

Advances in Chemical Systems: Catalysis, Green Processes, and Environmental Monitoring

Message from the Guest Editor

This Special Issue on “**Advances in Chemical Systems: Catalysis, Green Processes, and Environmental Monitoring**” aims to collect cutting-edge research that drives innovation in these domains. Topics of interest range from the design and optimization of catalytic materials to the implementation of greener chemical methodologies and the development of advanced monitoring techniques for environmental protection. Special attention will be given to interdisciplinary approaches that integrate chemical engineering, environmental sciences, and process design to address pressing societal needs. We encourage contributions that include experimental studies, modeling and simulation, techno-economic analyses, and life cycle assessments. Authors are invited to share supporting materials, such as data sets, modeling files, and supplementary code, through open-access repositories to foster collaboration and reproducibility. This Special Issue provides an excellent platform to showcase your latest work and collaborate with leading researchers in the field. We look forward to receiving your valuable contributions.

Guest Editor

Dr. Carlos Eduardo Santolalla-Vargas

Departamento de Biociencias e Ingeniería, Centro Interdisciplinario de Investigaciones y Estudios sobre Medio Ambiente y Desarrollo (CIIEMAD), Instituto Politécnico Nacional, 30 de Junio de 1520 s/n, Ciudad de México 07360, Mexico

Deadline for manuscript submissions

15 September 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/224549

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))