

## Special Issue

# Innovative Strategies and Emerging Technologies in Wastewater Treatment

### Message from the Guest Editor

Wastewater treatment plays a vital role in environmental protection and water sustainability, addressing challenges such as industrial discharge, emerging contaminants, and increasing global water demand.

Traditional treatment methods are being enhanced with advanced and integrated approaches, incorporating physical, chemical, and biological techniques. Recent developments focus on cost-effective, energy-efficient, and environmentally friendly solutions to improve pollutant removal and resource recovery. This Special Issue invites high-quality contributions on cutting-edge research and technological advancements in wastewater management. Topics of interest include, but are not limited to, the following:

- Advanced oxidation processes (AOPs);
- Nanomaterials and hybrid materials for water purification;
- Membrane-based separation technologies;
- Bioremediation and microbial treatment processes;
- Electrochemical and photocatalytic methods;
- Resource recovery (nutrients, metals, energy);
- ...

---

### Guest Editor

Dr. Abdelali El Gaidoumi

Laboratory of Biotechnology, Bioresources and Bioinformatics (3 Bio),  
Higher School of Technology of Khenifra, Sultan Moulay Slimane  
University, Beni Mellal, Morocco

---

### Deadline for manuscript submissions

25 October 2025



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/231548](https://mdpi.com/si/231548)

*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))