

## Special Issue

# Progress in Analysis of Elements in Water Environment and Pollution Process Control

### Message from the Guest Editor

Water environmental pollution has become a major concern due to increasing anthropogenic activities and rapid urbanization. Contaminants from industrial discharge, agricultural runoff, and domestic waste pose significant threats to water quality, impacting both surface water and groundwater resources.

Understanding and mitigating these challenges require innovative and interdisciplinary approaches. Recent advancements in artificial intelligence, numerical modeling, and hydrogeochemical analysis have provided powerful tools for assessing and predicting water pollution dynamics. Techniques such as machine learning, remote sensing, and isotopic tracers enhance our ability to identify contamination sources, model pollutant transport, and develop effective remediation strategies. This Special Issue aims to bring together cutting-edge research focusing on the assessment, prediction, and mitigation of water environmental pollution. We invite contributions that explore the integration of artificial intelligence, hydrogeochemical analysis, isotope hydrology, and multi-scale modeling to address emerging challenges in water quality management.

---

### Guest Editor

Dr. Otman El Mountassir

High Energy and Astrophysics Laboratory, Faculty of Sciences Semlalia,  
Cadi Ayyad University, Marrakech 40000, Morocco

---

### Deadline for manuscript submissions

31 October 2025



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/235789](https://mdpi.com/si/235789)

*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))