

## Special Issue

# Soil and Water Remediation with Natural and Synthetic Materials: Latest Advances and Prospects

### Message from the Guest Editors

Soil and water pollution is of great concern due to its severe and long-term consequences on the environment and ecosystem, even endangering human health. Soil and water pollution may be caused by a series of chemical substances, such as organic dyes, heavy metals, pesticides, antibiotics and emerging pollutants. Corresponding to different pollution or combined pollution of soil and water, the selection and configuration of suitable natural and synthetic materials may play a more important role. Meanwhile, the process of soil and water remediation should be optimized and the remediation mechanisms should be deeply investigated. Therefore, further innovations are required to contribute to the sustainable soil and water environment.

- Material design and configuration
- Improvement of soil and water remediation efficiency
- Model development of soil and water remediation
- Integration with soil and water remediation
- Soil and water remediation with multiple materials
- Interaction mechanisms between materials, pollutants, soil or water.

---

### Guest Editors

Prof. Dr. Panyue Zhang  
Dr. Zhen Wu  
Dr. Yan Wu

---

### Deadline for manuscript submissions

closed (30 March 2023)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/113424](https://mdpi.com/si/113424)

*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))