

## Special Issue

# Sustainability of Groundwater System: Bridging Emerging Issues and Their Underlying Mechanisms

### Message from the Guest Editors

This Special Issue will attempt to offer a closer look into the dynamic changes in groundwater level and its inter-connection with groundwater pollution, with the ultimate goal being to understand the extent of exposure subjected to natural and human interventions, which could be used to kick-start the adaptation planning processes and reduce the groundwater pollution/risks in the 21st century. Scientists and researchers are encouraged to introduce ideas and concepts defining groundwater sustainability, with key concepts of groundwater pollution and risk assessment, groundwater depletion, groundwater salinity, groundwater recharge, renewable groundwater, vulnerability of groundwater systems, relationships with land-surface characteristics (e.g., population and urban cover dynamics), large-scale climate patterns, and complex land-atmosphere feedback mechanisms, by incorporating various data sources such as remote sensing observations or modeling studies, targeted field campaigns, or long-term measurements ranging from local to regional spatial scales.

---

### Guest Editors

Dr. Arfan Arshad

Department of Biosystems and Agricultural Engineering, Oklahoma State University, Stillwater, OK 74075, USA

Dr. Quoc Bao Pham

Institute of Earth Sciences, University of Silesia in Katowice, 40-007 Katowice, Poland

---

### Deadline for manuscript submissions

closed (20 July 2023)



## Pollutants

---

an Open Access Journal  
by MDPI

---

Indexed in Scopus  
Tracked for Impact Factor



[mdpi.com/si/114916](https://mdpi.com/si/114916)

*Pollutants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pollutants@mdpi.com](mailto:pollutants@mdpi.com)

[mdpi.com/journal/  
pollutants](https://mdpi.com/journal/pollutants)





# Pollutants

---

an Open Access Journal  
by MDPI

---

Indexed in Scopus  
Tracked for Impact Factor



[mdpi.com/journal/  
pollutants](https://mdpi.com/journal/pollutants)



## About the Journal

### Message from the Editor-in-Chief

*Pollutants* is a multidisciplinary, peer-reviewed, open-access journal of all aspects of environmental pollution published quarterly online by MDPI. It covers Environmental Sciences and Engineering, Environmental Systems, Water Resources, Environmental Economics and Policy, Environmental Health, etc. It publishes reviews, research articles, communications, and technical notes. Papers taking a holistic approach among multiple temporal and spatial scales are especially welcome.

---

### Editor-in-Chief

Dr. Paolo Pastorino  
Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle  
d'Aosta, 10154 Turin, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, AGRIS, and many other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 32.8 days after submission; acceptance to publication is undertaken in 11.7 days (median values for papers published in this journal in the second half of 2025).