



## Research Progress in Groundwater Contamination and Treatment

Guest Editors:

**Dr. Panagiotis Papazotos**

**Dr. Eleni Vasileiou**

**Dr. Eleni Gianni**

**Dr. Simeone Chianese**

Deadline for manuscript  
submissions:

**25 April 2025**

### Message from the Guest Editors

Groundwater contamination poses significant environmental and public health concerns, thus necessitating ongoing research efforts to understand its causes, impacts, and effective remediation strategies. This Special Issue seeks to investigate current research advancements in distinguishing the sources and pathways of groundwater contamination, as well as to delve into remediation techniques and strategies. The topics covered but are not limited to the following:

- Sources and pathways of groundwater contamination;
- Occurrence, mobilization, fate, and transport of contaminants/pollutants in groundwater;
- Micro- and nano-plastics as emerging contaminants in groundwater resources;
- Innovative monitoring techniques;
- Monitoring and occurrence of contaminants of emerging concern;
- Techniques/methodologies for tracing sources of groundwater contamination/pollution;
- Recent developments, breakthroughs, and challenges in groundwater treatment technologies;
- Remediation technologies and strategies;
- Scientometric analysis in the progress of groundwater research.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Sergio Ulgiati

1. Department of Science and  
Technology, Parthenope  
University of Naples, Centro  
Direzionale, Isola C4, 80143  
Napoli, Italy  
2. State Key Joint Laboratory of  
Environment Simulation and  
Pollution Control, School of  
Environment, Beijing Normal  
University, No. 19 Xijiekouwai  
Street, Beijing 100875, China

## Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

## Author Benefits

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

**High Visibility:** indexed within **Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef,** and **other databases.**

**Journal Rank:** JCR - Q2 (*Environmental Sciences*) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

## Contact Us

---

*Environments* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/environments](http://mdpi.com/journal/environments)  
[environments@mdpi.com](mailto:environments@mdpi.com)  
✉@Environ\_MDPI