

## Special Issue

# Environmental Hydrogeology and Groundwater Modelling

### Message from the Guest Editor

The field of environmental hydrogeology has been rapidly advancing over the last three decades. The environmental aspects of hydrogeology are at the forefront due to continued degradation of groundwater quality by several geogenic and anthropogenic causes. The continued overuse of groundwater and degradation of its quality threatens sustainable management. The aim of this Special Issue is to bring together the research work on advances in subsurface characterization, groundwater contamination, impact of climate change in groundwater resources, water quality, emerging contaminants and modelling related to environmental hydrogeology, mining and hydrogeology. The Issue will focus on (i) advanced newer techniques of subsurface characterisation, (ii) identify new techniques in groundwater contamination and remediation, (iii) make groundwater resources more sustainable and (iv) develop and suggest modelling tools for accurate prediction of flow and transport for efficient management. For further reading, please follow the link to the Special Issue Website at: [https://www.mdpi.com/journal/water/special\\_issues/ID6IR95212](https://www.mdpi.com/journal/water/special_issues/ID6IR95212)

---

### Guest Editor

Prof. Dr. Elango Lakshmanan  
Hydraulics and Water Resources Engineering Group, Department of Civil Engineering, Indian Institute of Technology Madras, Chennai 600036, Tamil Nadu, India

---

### Deadline for manuscript submissions

closed (25 December 2023)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/141939](https://www.mdpi.com/si/141939)

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

[mdpi.com/journal/  
water](https://www.mdpi.com/journal/water)





# Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



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



## About the Journal

### Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

---

### Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

---

### 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, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)