



water

an Open Access Journal by MDPI



## Impacts of Environmental Change and Human Activities on Aquatic Ecosystems

Guest Editors:

**Dr. Jian Hu**

Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085, China

**Prof. Dr. Guilin Han**

Institute of Earth Sciences, China University of Geosciences (Beijing), Beijing 100083, China

**Dr. Qian Zhang**

Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing 100101, China

Deadline for manuscript submissions:

**25 October 2024**

### Message from the Guest Editors

The aim of this Special Issue is to present our understanding of the impacts of natural environmental changes and human activities on aquatic ecosystems and the approaches to resolve these issues, thereby providing important theoretical and practical pollution control and sustainable development solutions. This Special Issue welcomes original research and review articles, and its scope includes, but is not limited to, the following topics:

1. The monitoring and assessment of hydrogeological changes.
2. The management and conservation of aquatic ecosystems.
3. Pollutant migration and risk assessment.
4. The sustainable development of aquatic ecosystems.

**Keywords** : aquatic ecosystems; migration and transformation; source identification; risk assessment; sustainable development



[mdpi.com/si/189401](https://mdpi.com/si/189401)

Special Issue



*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Jean-Luc PROBST**

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

## 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.

## 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 (Water Science and Technology)

## Contact Us

---

Water Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)