



*water*

an Open Access Journal by MDPI



## Spatial–Temporal Variation and Risk Assessment of Water Quality

Guest Editors:

### **Dr. Yonggui Wang**

Key Laboratory of Regional Ecology and Environmental Change, School of Geography and Information Engineering, China University of Geosciences, Wuhan 430074, China

### **Dr. Qiang Liu**

Sichuan Province Environmental Monitoring Station, Chengdu 610041, China

Deadline for manuscript submissions:

**20 August 2024**

### **Message from the Guest Editors**

Dear Colleagues,

Due to rapid socioeconomic development and the overexploitation of water resources, serious water pollution problems are occurring in some areas. This Special Issue focuses on the hot and difficult issues in water environment quality, highlights the spatial and temporal heterogeneity of water pollutants and their drivers, and discusses the issues of water pollution accident simulation and water pollution risk assessment. The findings included will provide important knowledge and a scientific basis for determining the trends in water quality changes, adopting management measures, and establishing early warning mechanisms.

Topics for this Special Issue include, but are not limited to, the following:

1. Spatial–temporal variation in water quality in lakes, rivers, and reservoirs;
2. Driving factor analysis of water quality variation;
3. Simulation and early warning of sudden water environment accidents;
4. New technique for water quality or risk assessment;
5. Study on the coefficient of water environment models. [...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/4HOU40QD46](https://www.mdpi.com/journal/water/special_issues/4HOU40QD46)



[mdpi.com/si/190534](https://www.mdpi.com/si/190534)

# 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, St. Alban-Anlage 66  
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)