



*water*

an Open Access Journal by MDPI



## Inland Surface Water and Deep Learning

Guest Editors:

**Prof. Dr. Min Feng**

**Prof. Dr. Chengquan Huang**

**Dr. Do-Hyung Kim**

**Dr. Wenlong Jing**

Deadline for manuscript  
submissions:

**closed (10 September 2023)**

### Message from the Guest Editors

Inland surface water occupies only a small fraction of global land surface, but it plays a critical role in the sustainability of human society and terrestrial ecosystems. The surface waters may also be at particular risk due to pressures such as unsustainable consumption, wetland drainage, land use intensification, stream diversion as well as climate change, especially in dry regions where water scarcity is becoming a major limiting factor for wildlife and humans. However, there are still noticeable gaps in our knowledge of inland surface water mainly due to the lack of effective approaches for mapping, identifying, and monitoring inland surface water. In the past decade, Earth observations have been quickly accumulating by satellite, airborne, and UAV-based instruments, providing information with unprecedented precisions at spatial and temporal dimensions.



[mdpi.com/si/94088](https://mdpi.com/si/94088)

# 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)