

## Special Issue

# Remote Sensing in Coastal Water Environment Monitoring

### Message from the Guest Editors

The purpose of this Special Issue is to use integrated remote sensing techniques to extract high-resolution, accurate information and detect changes in the coastal water environment, thereby understanding its drivers. The coastal expert community is expected to answer questions about the potential impacts of different sea-level rise scenarios on coastal zones and assess the associated environmental vulnerability. The intersection of disciplines, observations, and datasets is the focus, with the aim of translating these into information about the spatio-temporal characteristics, such as the expression of sediment imbalances and ecosystem adjustments, drivers of human activities, levels of exposure, and adaptation to hazards. Remote sensing methods and observations from in situ, airborne, and spaceborne platforms provide large-scale, multispectral/hyperspectral, full-polarized, high spatiotemporal resolution data of coastal waters. This Special Issue will facilitate an informed debate among scientists and stakeholders regarding the coastal water environments affected by global climate change and human activities.

---

### Guest Editors

Dr. Peng Li

Dr. Fengqin Yan

Dr. Xiuling Zuo

---

### Deadline for manuscript submissions

20 April 2025



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 5.8



[mdpi.com/si/219094](https://mdpi.com/si/219094)

*Water*

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

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





# Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 5.8



[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 (Water Science and Technology)