



*water*

an Open Access Journal by MDPI



## Estuarine and Coastal Morphodynamics and Dynamic Sedimentation

Guest Editors:

**Prof. Dr. Heqin Cheng**

State Key Laboratory of Estuarine  
and Coastal Research, East China  
Normal University, Shanghai,  
China

**Prof. Dr. Yijun Xu**

Coastal Studies Institute,  
Louisiana State University, Baton  
Rouge, LA 70803, USA

Deadline for manuscript  
submissions:

**closed (20 December 2023)**

### Message from the Guest Editors

I propose this Special Issue focusing on the impact of climate change and sea-level rises, extreme floods and storms, human interventions in the morphodynamics of bedforms, shoreline changes, channel evolution, mouth bars, coastal barriers, etc. This Special Issue can include work about the impact of natural and human driving forces affecting dynamic sedimentation, such as estuarine circulation, mixing and stratification, sediment settling, flocculation, littoral currents, and rip currents. Technology for the observation and recognition of morphology and sedimentation is also of interest.

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

[https://www.mdpi.com/journal/water/special\\_issues/morphodynamics\\_sedimentation](https://www.mdpi.com/journal/water/special_issues/morphodynamics_sedimentation)



[mdpi.com/si/107514](https://www.mdpi.com/si/107514)

# Special Issue

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)