

## Special Issue

# Study of Fate and Transport of Contaminants in the Aquatic Environment

### Message from the Guest Editors

In this Special Issue, we invite original and review articles using aquatic observations from a wide range of sources, including in situ observations, satellites, buoy systems, and modeling approaches. Space-based measurements of aquatic systems with a combination of high temporal and spatial resolutions are preferred for describing the fate and transport characteristics of contaminants in aquatic systems. Any innovative prediction tools and observations that improve the short- and long-term knowledge on the fate and transport of contaminants in the aquatic environment are particularly welcome. Topics include, but are not limited to: (1) Mechanisms and countermeasures of environmental changes in the aquatic system; (2) The prediction of short- and long-term environmental changes in the aquatic system against the background of enhanced human activities and climate change; (3) Datasets reconstruction and impact simulation of the ecosystem in the aquatic system based on advanced big data and AI technologies; (4) Strategies and tactics to engage the public for aquatic disaster management.

### Guest Editors

Dr. Xiangbin Ran

Dr. Ergang Lian

Dr. Bin Zhao

### Deadline for manuscript submissions

closed (31 December 2023)



## Water

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## 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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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