

## Special Issue

# Water Quality Modeling and Monitoring

### Message from the Guest Editors

Water quality in watersheds and waterbodies is a critical issue due to its direct influence on public health, the biological integrity of natural resources, and the economy. Anthropogenic influences on climate change and variability, land use, and land cover change at the watershed scale can have various impacts on the hydrological, biological, and chemical processes within freshwater watersheds, bringing significant changes in the water quality of rivers, lakes, and reservoirs. Water quality issues in watersheds and inland waterbodies eventually affect water quality in estuaries and oceans. The Earth has a tremendous variety of waterbodies, from small ponds to Lake Superior, and from humanmade reservoirs to natural lakes. Even though waterbodies are only a small part of our planet, they play a critical and important role in the Earth's biosphere. Understanding the impacts of changes from upstream or surrounding watersheds on water quality is important to people who live or visit the waterbody [...] For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/water\\_quality\\_modeling](https://www.mdpi.com/journal/water/special_issues/water_quality_modeling)

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### Guest Editors

Prof. Dr. Xing Fang  
Prof. Dr. Jianguong Hu  
Dr. Suresh Sharma

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### Deadline for manuscript submissions

closed (15 November 2022)



## 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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