



water

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Monitoring and Modelling of Contaminants in Water Environment

Guest Editors:

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Deadline for manuscript
submissions:

30 May 2025

Message from the Guest Editors

Water environment protection is of the utmost importance in ensuring national water security. Accurate monitoring and modelling of the evolution of water quality is a prerequisite for water safety protection. The Special Issue mainly focuses on water quality monitoring and the development of new technologies for water quality simulation. The proposal for the Special Issue aims to strengthen water environment control through new technologies and achieve timely control and early warning of water quality pollution. Given that, we encourage researchers to obtain interesting results on this topic and to submit high-quality manuscripts, including review papers, regular research articles, interesting images, and communications in the fields of monitoring and modelling of contaminants in water environments.

Papers on all relevant topics are welcome, including but not limited to the following:

- Methods, theories, and systems for water quality monitoring;
- Methods, theories, and systems for water quality modelling;
- Environmental risks associated with pollutants;
- Source and sink characteristics of pollutants in the environment;
- Pollution reduction and water quality control.



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Special Issue



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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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