



water

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Water Quality Assessment and Modelling

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Message from the Guest Editors

Dear Colleagues,

Water quality protection is always necessary and important. Massive efforts have made to improve water quality or to maintain its acceptable conditions. However, with more and more complex pollution emissions, the challenges become more severe. In addition, more uncertain weather systems strengthen the difficulties of water quality protection. This Special Issue seeks new water quality assessment and modelling methods to demonstrate water quality issues in watershed, rivers, reservoirs, or urban drainage systems. It can be a focus on specific pollution sources or pollutants, which has been rarely discussed; an assessment of the effectiveness of customized water quality control measures; or a historical data analysis to predict water quality trends or assess water quality under extreme weather conditions. New water quality model applications are welcome too. For example, the water quality assessment of natural-based solutions (NBS) or low impact development (LID), which includes the interactions between natural system[...].

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

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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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