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Evaluation of Microbiological Indicators for Water and Wastewater Treatment and Reuse

Guest Editor:

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Deadline for manuscript submissions:
20 March 2025

Message from the Guest Editor

Currently, the majority of the regions of the world are dealing with broadly understood water scarcity. This limits access to clean and safe water in all aspects of human functioning. Freshwater contamination and deteriorations in the quality of water resources are two of the greatest issues faced worldwide. In this context, the reuse of water and treated wastewater, as well as improving the efficiency of wastewater treatment, can be a significant relief to water resources and the reduction in the environmental impact of anthropogenic activities. It is crucial that the quality of treated wastewater and reused water is high enough to ensure the safety of the environment and people.

I sincerely invite you to submit manuscripts focused on, but not limited to, the following:

- Anthropogenic impact on aquatic environment;
- Environmental impact of water and wastewater reuse;
- Public health and safety related to microbiological contaminants;
- Novel techniques and technologies of water and wastewater treatment;
- Searching for new indicators of water and wastewater quality;
- Wastewater as a source of antibiotic resistant microorganisms;
- Water and wastewater reuse in circular economy.

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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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