

Special Issue

Research on Microbiological Water Quality

Message from the Guest Editor

Aquatic ecosystems worldwide are facing several simultaneous pressures resulting from anthropic activities and global and socio-economic environmental changes. This gives rise to "emerging problems" for environment, animal, and human health.

Microbiological, biological, physical, and chemical contaminants are released into the aquatic ecosystem and their preventive identification is of paramount importance for safeguarding human health. In this regard, emerging and re-emerging epidemiological strains and the related topics are of great importance, including environmental spread, multidrug-resistant bacteria, changes in the environmental microbiome, environmental fate, and plastic as a new vector of pathogens... This Special Issue will bring together scientific research focused on monitoring strategies, models, scenarios, methods, and tools developed for the detection of emerging and re-emerging water-related microorganisms in order to encourage discussion on how to address research gaps and eventually formulate a roadmap concerning this critical issue for aquatic ecosystem and human health. For further reading, please visit the [Special Issue website](#).

Guest Editor

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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