

Special Issue

Microbial Monitoring in Aquatic Environments

Message from the Guest Editors

Population growth has pushed the development of industrial activities at the expense of the environment, consuming natural resources and producing more and more chemical compounds for a wide range of industrial applications. Together, these place a global anthropic pressure on environmental resilience and sustainability. Unfortunately, aquatic environments are very sensitive to anthropic pressures, not only due to their complex paths of exploitation as strategic resources for drinking water and food, but also the fast dissemination of pollution over large areas. The rapid improvement in reducing pollution presence and spread in a sustainable and efficient management plan has become a priority for the identification and monitoring of all pollution issues. Biomonitoring tools could give an accurate glimpse into the impact of pollution on aquatic systems, but most of the biological models used for biomonitoring are very complex for studying aquatic plants and fish and their responses based on long-term tests [...]

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

https://www.mdpi.com/journal/water/special_issues/2IG6AM935Q

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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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