



Microbial Monitoring in Aquatic Environments

Guest Editors:

Dr. Mihai Nita-Lazar

Institutul National de Cercetare
Dezvoltare pentru Ecologie
Industriala-ECOIND, Bucharest,
Romania

Dr. Alina Roxana Banciu

Institutul National de Cercetare
Dezvoltare pentru Ecologie
Industriala-ECOIND, Bucharest,
Romania

Deadline for manuscript
submissions:

25 September 2024

Message from the Guest Editors

Dear Colleagues,

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 strategical 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





water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/X@Water_MDPI)