Special Issue

Proactive Water Safety Plans and Remediation Solutions for Microbial Risk Reduction in Water

Message from the Guest Editor

This Special Issue of Microorganisms focuses on the critical role of Water Safety Plans (WSPs) and remediation strategies in managing microbial risks, with a particular emphasis on controlling waterborne pathogens. It highlights the diverse array of microorganisms—including bacteria, viruses, protozoa, and biofilm-forming microbial communities—that pose significant challenges to the safety and quality of drinking water and engineered water systems. In particular, this Special Issue emphasizes the design, development, implementation, and effectiveness of WSPs as holistic, science-driven frameworks for identifying, assessing, and mitigating microbiological hazards throughout the entire water supply chain—from source water to point-of-use.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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