



Microbial Communities in Aquatic Environments

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Message from the Guest Editor

This issue encourages investigations into the drivers influencing microbial community composition, such as anthropogenic influences, climate variations, and ecological disturbances. Contributions exploring the biogeochemical processes mediated by aquatic microbes, including nutrient cycling, carbon sequestration, and pollutant degradation, are of particular interest. Furthermore, studies elucidating the connections between microbial diversity, ecosystem resilience, and human activities in aquatic realms are highly valued.

The Special Issue aims to consolidate cutting-edge research, methodologies, and conceptual frameworks that advance our understanding of aquatic microbial communities' significance in sustaining ecosystem services and informing conservation strategies.





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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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