



Taxonomy, Physiology, and Ecology of Aquatic Microorganisms

Guest Editors:

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Deadline for manuscript
submissions:

closed (30 January 2022)

Message from the Guest Editors

A great challenge facing the field of aquatic microbiology nowadays is advancing our ability to characterize microbial biodiversity at multiple levels of resolution, though driving insight into the functional potential of ecosystems for their long term management and sustainability.

This [Special Issue](#) calls for contributions on the characterization of new taxa, insights into the dynamics of community composition and functional attributes responding to environmental changes, community assembly, and functional ecology across diverse aquatic ecosystems. Of special interest are papers that suggest the use of multi- and interdisciplinary approaches that combine morphological with molecular and ecological data complementarily, from the field to the laboratory and back again, driven by working hypotheses based on any aspect from ecological theory to applied research on aquatic microorganisms.

Keywords:

- bacteria
- Archaea
- Protists
- Rotifera
- Cladocera
- Copepoda
- biodiversity
- structure-function relations
- community assembly
- management





water



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Message from the Editor-in-Chief

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