

Special Issue

Studies on Marine Microbial Ecology

Message from the Guest Editors

Marine microorganisms originate from the marine environment and exhibit remarkable survival capabilities, persisting and reproducing over extended durations within extreme conditions such as low temperatures, high pressures, elevated temperatures, and high salinity. This category encompasses various microorganisms, including eukaryotic organisms like fungi, algae, and protozoa, as well as prokaryotic entities like marine bacteria, marine actinomycetes, and marine cyanobacteria. Additionally, cell-free agents such as viruses are also part of this marine microbial realm. Investigating the interplay between marine microorganisms and the overall marine ecology holds immense potential for enhancing the diversity of marine life forms and safeguarding the marine ecosystem. In light of these considerations, the primary objective of this Special Issue is to assemble contributions centered around the subsequent focal areas: the ecological evolution of novel marine microorganisms; the extent of marine microbial diversity; the intricate interrelationships binding the marine environment and microorganisms; and the dynamics of planktonic microorganisms.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
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