



Biocomplexity and Microbial Diversity in a Marine System

Guest Editor:

Dr. Maria Blažina

Ruder Bošković Institute, Ulica
Giordana Paliage 5, 52210 Rovinj,
Croatia

Deadline for manuscript
submissions:

closed (5 December 2020)

Message from the Guest Editor

As the dominant life form in oceans, microbes play fundamental roles in biogeochemical processes and ecosystem functioning on both the microniche and global scales. Changing environmental conditions leads to the development of diverse adaptation strategies, including physiological and metabolic modifications and shifts in microbial communities' structure. The microbial resilience to environmental pressures has been evolving for over 3 billion years, yet little is known about the interrelation of diversity and physiological functionality. Recent advances in biochemistry, microbiology, recombinant biotechnology and related cutting-edge technological solutions have set opportunities for novel industrial applications of the wealth of naturally occurring defense, adaptation, and proliferation mechanisms. Authors are encouraged to submit original research covering abovementioned topics and methodological improvements that contribute to better understanding of the microbial populations' biocomplexity and ecosystem plasticity.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA
Oceans Institute, The University
of Western Australia, Perth, WA
6009, Australia

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Author Benefits

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

High Visibility: indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI