

Special Issue

Marine Fish and Shellfish Health, Immunization, and Aquaculture

Message from the Guest Editor

This Special Issue aims to delve into the multifaceted aspects of fish health, encompassing disease prevention, immunization strategies, and the impact of aquaculture practices on fish well-being. By exploring these interrelated factors, the Special Issue strives to advance our understanding of marine fish health and bolster the sustainability of aquaculture operations. The scope of the Special Issue encompasses an array of topics, including but not limited to: 1. Importance of immunization in promoting fish health and disease resistance; 2. Emerging diseases in marine fish populations and their impact on aquaculture; 3. Immune system responses of marine fish to pathogens and vaccines; 4. Influence of environmental factors on fish health in aquaculture systems; 5. Disease prevention strategies in marine fish farms; 6. Genetic factors affecting fish health and immunization in aquaculture; 7. Sustainable aquaculture practices and their impact on fish health and immunization; 8. Innovative technologies for monitoring and diagnosing fish diseases in marine aquaculture.

Guest Editor

Dr. Morteza Yousefi

Department of Veterinary Medicine, Peoples' Friendship University of Russia (RUDN University), 6 Miklukho-Maklaya St, 117198 Moscow, Russia

Deadline for manuscript submissions

closed (20 December 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/176002

Journal of Marine Science and Engineering

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

mdpi.com/journal/

jmse





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



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
School of Engineering, The UWA Oceans Institute, The University of
Western Australia, Perth, WA 6009, Australia

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 15.6 days after
submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the first half of 2025).