

Special Issue

New Insights into Fish Physiology-Applications Focus: Challenges and Mitigations II

Message from the Guest Editors

This Special Issue is the continuation of a previous release, and aims to collect and convey the latest progress in applied aspects of fish physiology. We invite review and original research manuscripts that contribute knowledge to topics including but not limited to the following:

- Selective breeding for improving beneficial physiological traits;
- Diets and gut microbiome for improving performance and health;
- Reproductive physiology;
- Environmental physiology;
- Disease physiology;
- Genomics and epigenetics in fish physiology;
- Mitigating approaches to the challenges in fish physiology.

Our goal is to develop this Special Issue to the extent that it will promote our knowledge of fish physiology and physiological responses. In addition, we hope to provide valuable insights into mitigating and resolving physiological problems and complications in the applied aspects.

Guest Editors

Dr. Ten-Tsao Wong

The Institute of Marine and Environmental Technology, University of Maryland, Baltimore County, Baltimore, MD 21202, USA

Prof. Dr. Allen Place

Institute for Marine and Environmental Technology, University of Maryland Center of Environmental Science, Columbus Center, Suite 236, 701 East Pratt Street, Baltimore, MD 21202, USA

Deadline for manuscript submissions

closed (20 September 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.4



mdpi.com/si/136386

Journal of Marine Science and Engineering

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

mdpi.com/journal/

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





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.4



[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

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

Author Benefits

High Visibility:

indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (Civil and Structural Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).