

# 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.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 September 2023)



**Journal of  
Marine  
Science and  
Engineering**

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
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