

Special Issue

Next-Generation Sustainable Marine Fisheries and Aquaculture Engineering

Message from the Guest Editors

The COVID-19 pandemic has presented significant obstacles to scientific research, forcing research institutions to respond promptly in order to address the urgent global humanitarian crisis. As the situation gradually improved, a conflict arose in Europe, raising substantial concerns for the future. This unforeseen circumstance triggered a worldwide energy and food crisis, heightening the demand for immediate investments in food systems to ensure the availability of safe, affordable, nutritious, and sustainable food for a growing population. Marine fisheries and aquaculture play a crucial role in meeting the global demand for seafood and supporting the livelihoods of millions of people. However, traditional fishing and aquaculture practices have often been associated with challenges such as overfishing, habitat destruction, marine environmental pollution, and detrimental impacts on marine ecosystems. In response to these pressing issues, this Special Issue focuses on "Next Generation Sustainable Marine Fisheries and Aquaculture Engineering".

Guest Editors

Dr. Shuchuang Dong

Dr. Hao Tang

Dr. Changqing Jiang

Prof. Dr. Daisuke Kitazawa

Deadline for manuscript submissions

closed (25 February 2025)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/174592

*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](https://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).