

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





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

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.

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 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).