

Special Issue

Advances in Marine Natural Products

Message from the Guest Editor

This Special Issue aims to bridge interdisciplinary gaps by showcasing innovative approaches in marine natural product research, from bioprospecting in underexplored habitats to advanced metabolomics and AI-driven drug discovery. We welcome original research, reviews, and perspectives that integrate marine chemistry, molecular ecology, and omics technologies with applied strategies for sustainable exploitation of marine resources. This Special Issue seeks to compile interdisciplinary research on the discovery, characterization, and application of marine-derived natural products. We aim to highlight advances in extraction technologies, ecological studies of marine biodiversity, and the integration of omics tools (genomics and metabolomics) to decode biosynthetic pathways. We invite original research, reviews, and perspectives on the following topics: Novel marine natural products with therapeutic or industrial applications.

Sustainable harvesting and cultivation techniques. Ecological and evolutionary insights into marine chemical ecology.

Advances in omics, synthetic biology, and computational modeling for marine biodiscovery.

Guest Editor

Dr. Pere Ferriol

Departament de Biologia, Universitat de les Illes Balears, Palma, Spain

Deadline for manuscript submissions

20 September 2025



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/237495

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).