

Special Issue

Recent Research on Marine Biotoxins and Seafood Poisoning

Message from the Guest Editors

Marine biotoxins have drawn the attention of scientists due their substantial negative impacts on the ecosystem, human health, and the economy. Biotoxins are molecules which are both toxic and have a biological origin, being derived from microorganisms, plants, or animals. It is essential to highlight the necessity of fully addressing marine biotoxins and their impacts on human health through seafood poisoning. Therefore, we are pleased to invite you to submit both original or review papers that (1) present cases and discuss the distribution and impacts of algal bloom and their biotoxins on ecosystems, fisheries, and human health; (2) introduce novel discovered marine biotoxins and their molecular structure; (3) demonstrate practical and novel methods for biotoxin removal; (4) explain methods and approaches for the identification and quantification of marine biotoxins; (5) highlight the impacts of marine biotoxins on the genetic diversity of their surroundings; (6) present biosensors to monitor biotoxins. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Gulnihal Ozbay

Department of Agriculture and Natural Resources, College of Agriculture, Science, and Technology, Delaware State University, Dover, DE 19901, USA

Dr. Ali Parsaeimehr

Department of Agriculture and Natural Resources, College of Agriculture, Science, and Technology, Delaware State University, Dover, DE 19901, USA

Deadline for manuscript submissions

closed (5 December 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/140777

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

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).