

Special Issue

New Insights in the Study of Harmful Algal Bloom

Message from the Guest Editor

Harmful algal blooms (HABs) have concerning consequences for many people. As one of the HABs, macroalgal blooms have been increasing in severity, frequency and geographic range, and have become a growing concern globally in the last few decades. These 'seaweed tides' can harm tourism-based economies, smother aquaculture operations, or disrupt traditional artisanal fisheries. The frequency, duration, and intensity of algal blooms are related to a number of biological, chemical, and physical factors, and many of these complex relationships should be identified clearly. Legislated reductions in chemical and nutrient inputs may successfully reduce algal growth, but there is a long way to go. Harvesting the macroalgae before they beach could well be developed into an effective solution. This SI will provide a thorough description of important macroalgal bloom events around the world, and will present possible methods to prevent, control, and mitigate macroalgal blooms.

Guest Editor

Dr. Jianheng Zhang
College of Marine Ecology and Environment, Shanghai Ocean University, Shanghai, China

Deadline for manuscript submissions

closed (20 March 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/135582

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).