

Special Issue

Floating Breakwaters

Message from the Guest Editors

In the last years, several papers have addressed new types of floating breakwaters, for instance with a new shape and/or structures combined to wave energy converters. Design guidelines are required to investigate the non-linear dynamic response, the moorings, the anchors, the connectors between modules and the connectors with piles, where present. Unexplored issues include the problems of dismissal or upgrade of the design, and the ecologic impact, which are frequently considered advantages of the technology. The aim, of this Special Issue is to investigate the overall performance, forces and all design aspects of all types of floating structures that are used to protect a marina (box, pontoon, mat, tethered float breakwaters). Particularly encouraged are papers that study how to increase performance under high and long waves in a cost-effective manner.

Guest Editors

Dr. Luca Martinelli

Department ICEA, University of Padoa, Padua, Italy

Dr. Mariano Buccino

Hydraulic and Maritime Construction and Hydrology, Università degli studi di Napoli Federico II, Napoli, Italy

Dr. Lorenzo Cappietti

Department of Civil and Environmental Engineering, University of Florence, 50139 Florence, Italy

Deadline for manuscript submissions

closed (10 April 2025)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/221153

*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).