

Special Issue

Design of Harbour and Coastal Structures

Message from the Guest Editors

The design, management, use, maintenance, improvement, adaptation and construction of coastal and harbour structures are at an important historical point, highly influenced by the current effects of climate change, the increasingly demanding requirements of use and the growing sizes of vessels and the need to locate them in areas increasingly exposed to more extreme oceanic climates. Therefore, the current methods must be improved with designs that consider their ecological effects, adaptability, resilience, cost and efficiency, more in line with the actual capabilities of hi-res climate databases, novel instrumentation techniques, advanced numerical approaches and highly detailed laboratory tests. As well as new structures, pre-existing structures (which have a shorter lifespan in terms of usefulness) need to be revised, improved and/or adapted in the very short term. The purpose of this Special Issue is to publish the most exciting research with respect to the abovementioned subjects, provide a rapid turn-around time regarding the review and publication process and to disseminate the articles freely for research, teaching and reference purposes.

Guest Editors

Dr. Gabriel Diaz-Hernandez

Departamento de Ciencias y Tecnologías del Agua y Medio Ambiente (CyTAMA), Civil Engineering Faculty, Universidad de Cantabria, C/ Isabel Torres, N°15, C.P. 39011 Santander, Spain

Dr. Vicente Negro

Departamento Ingeniería Civil: Hidráulica, Energía y Medio Ambiente, C/ Profesor Aranguren, Universidad Politécnica de Madrid (UPM), 28040 Madrid, CP, Spain

Deadline for manuscript submissions

closed (30 January 2024)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/129377

*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

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).