

## Special Issue

# Impact of Ocean Wave Loads on Marine Structures

### Message from the Guest Editors

The Special Issue delves into the complex realm of ocean wave loads and their profound impact on various marine structures. The dynamic nature of the marine environment necessitates a comprehensive understanding of the forces exerted by waves on these structures, which include offshore platforms, ships, coastal infrastructure, and renewable energy installations. This Special Issue welcomes submissions that address various aspects of wave load analysis, including, but not limited to, the following:

- Wave-Structure Interaction
- Extreme Wave Loads
- Wave-Induced Vibrations
- Wave-Structure Interaction in Renewable Energy
- Wave Loads on Coastal Infrastructure
- Ship Design and Performance.

---

### Guest Editors

Dr. Shan Wang

Centre for Marine Technology and Ocean Engineering (CENTEC),  
Instituto Superior Técnico, Lisbon, Portugal

Dr. Carlos Guedes Soares

Centre for Marine Technology and Ocean Engineering (CENTEC),  
Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais,  
1049-001 Lisboa, Portugal

---

### Deadline for manuscript submissions

closed (15 July 2025)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/184902](https://mdpi.com/si/184902)

*Journal of Marine Science and  
Engineering*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[jmse@mdpi.com](mailto:jmse@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[jmse](https://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).