

## Special Issue

# Data-Driven Methods for Marine Structures, Second Edition

### Message from the Guest Editor

In recent years, the synergy between data-driven methodologies and offshore engineering has yielded transformative insights, revolutionizing the way we perceive and manage marine structures. We invite researchers and practitioners to contribute to our upcoming Special Issue, which will explore the forefront of "Data-Driven Methods for Marine Structures", aiming to accelerate advancements in structural health monitoring, integrity assessment, environmental condition forecasting, and performance optimization. This publication seeks to assemble cutting-edge research at the intersection of data science, offshore engineering, and ocean renewable energy. The marine environment, characterized by its complexity and variability, demands innovative approaches to ensure the robustness and efficiency of structures such as offshore wind turbines, floating platforms, and offshore installations.

### Guest Editor

Prof. Dr. Jae Hoon Seo

Department of Naval Architecture and Ocean Engineering, Inha University, Incheon, Republic of Korea

### Deadline for manuscript submissions

10 January 2026



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0

---



[mdpi.com/si/247565](https://mdpi.com/si/247565)

*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).