

# Special Issue

## Feature Papers on Marine Energy in 2024

### Message from the Guest Editors

The main goal of this Special Issue is to highlight the most recent and relevant advances that have been in Marine Energy's applications. Currently, several interesting Marine Energy-related techniques have been developed in the field of Fluid Mechanics and Energy Systems. There are many applications, such as Offshore Wind Turbines and Control, Photovoltaic Energy Systems, Wave Energy Converters, Oscillating Water Column technology, etc., that, in recent years, have experienced significant improvements. It is commonly accepted that Marine Energy-related renewable technologies will become the dominant sources of renewable energy generation. The reasons for this are based on the fact that waves have a much higher power density than wind or solar; although, this form of energy production has not been fully developed yet.

### Guest Editors

Dr. Unai Fernández Gámiz

Department of Nuclear Engineering and Fluid Mechanics, Faculty of Engineering of Vitoria-Gasteiz, University of the Basque Country (UPV/EHU), C/Nieves Cano 12, 01006 Vitoria-Gasteiz, Spain

Dr. Jesús María Blanco

Department of Energy Engineering, University of the Basque Country, Bilbao, Spain

### Deadline for manuscript submissions

closed (30 August 2024)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/200446](https://mdpi.com/si/200446)

*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).