

# Special Issue

## Marine Power Systems II

### Message from the Guest Editor

This Special Issue focuses on marine power systems. The specific subject dealt with is the analysis of energy conversion and its possible optimization; this includes steam power plants, motor power plants, gas turbine power plants, DFDE power plants, COGAS, CODLAG, as well as other combinations, including fuel cell propulsion sources and their applications in marine propulsion and power generation systems. This Special Issue welcomes studies from the fields of reliability and maintenance applications of marine power generation systems, as these fields are central to the problems associated with marine power generation. Furthermore, this Special Issue welcomes studies related to marine auxiliary systems, which are of vital importance for each marine power generation system. Researchers from both academia and industry are invited to submit original articles that advance the state of the art of marine power systems applications or review the progress and future directions of research in the field of marine engineering.

---

### Guest Editor

Dr. Igor Poljak

Maritime Department, University of Zadar, Mihovila Pavlinovića 1,  
23000 Zadar, Croatia

---

### Deadline for manuscript submissions

closed (25 May 2023)



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 4.4



[mdpi.com/si/145501](https://mdpi.com/si/145501)

*Journal of Marine Science and  
Engineering*

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://mdpi.com/journal/jmse)





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 4.4



[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

Oceans Graduate School and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

---

### Author Benefits

#### High Visibility:

indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (Civil and Structural Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).