

## Special Issue

# Energy Efficiency Optimization Technologies for Shipping Decarbonization

### Message from the Guest Editors

With the continuous advancement of the green and low-carbon shipping industry, research on clean energy power systems and energy efficiency optimization technology has gradually deepened, and many research advances have been achieved. Therefore, this Special Issue has been organized by and to document these research advances. The objective of this Special Issue is to collect research papers in the field of ship energy efficiency optimization and control, including ship energy efficiency model and prediction, intelligent energy efficiency optimization, clean energy hybrid power system, marine alternative fuel application technology, and advanced energy-saving technology. This Special Issue invites contributions comprising experimental tests, numerical simulations, and theoretical analyses on ship energy efficiency optimization. Contributions may also include case studies, review articles, or short communications.

---

### Guest Editors

Dr. Kai Wang

Marine Engineering College, Dalian Maritime University, Dalian 116026, China

Dr. Nikos Themelis

School of Naval Architecture and Marine Engineering, National Technical University of Athens, Athens, Greece

---

### Deadline for manuscript submissions

25 September 2026



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/236483](https://mdpi.com/si/236483)

*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/  
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

*Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312)* focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

---

### 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 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).