

# Special Issue

## Advances in Maritime Safety

### Message from the Guest Editors

Due to the nature of business, maritime safety plays a paramount role in preventing accidents and damage to property and life in the maritime industry. Despite enormous legal, technical, and technological efforts and developments, maritime accidents continue to occur in all water and connected port areas. On the one hand, technological advancements such as 24,000 TEU mega container ships, e-Navigation services, and MASS (Maritime Autonomous Surface Ships) including smart technology contribute to improving maritime safety; on the other hand, they introduce new challenges such as cybersecurity, training needs, a lack of corresponding international regulation, etc. Therefore, under the title of "Advances in Maritime Safety", we would like to discuss innovative and creative technologies, ideas, and topics to be improved in the field maritime safety which are listed below (not an exhaustive list): - New techniques in maritime safety; - Maritime risk analysis/assessment; - Accident analytical techniques; - Safety studies on e-Navigation/MASS era; - Cyber security in maritime operations; - Marine traffic analyses.

---

### Guest Editors

Prof. Dr. Youngsoo Park

Division of Maritime Transportation Sciences, Korea Maritime and Ocean University, Busan, Republic of Korea

Dr. Volkan Aydogdu

Independent Researcher, Hamburg, Germany

Prof. Dr. Jung Sik Jeong

Department of Maritime Transportation Science, Mokpo National Maritime University, Mokpo, Republic of Korea

---

### Deadline for manuscript submissions

closed (11 October 2021)



# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/65530](http://mdpi.com/si/65530)

*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/](http://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](http://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).

