

Special Issue

Innovative Technologies in Safety and Reliability of Marine Engineering

Message from the Guest Editors

With the advancement of technology, marine exploration activities have gradually moved from coastal waters to deep sea and polar waters. The rapid development of innovative technologies, such as artificial intelligence, analytical approaches to big data, etc., will enhance the safety and reliability of marine engineering. We seek original contributions that cover emerging technologies and their practical applications, aiming to advance the reliability and safety of new ships and marine engineering equipment under real operating conditions. Potential topics include, but are not limited to, the following:

- The safety, reliability, and resilience analysis of novel marine engineering equipment;
- Reliability analyses of underwater structures;
- Safety and reliability issues in deep-sea mining;
- Safety analyses of ships and marine engineering in polar waters;
- Safety analyses of maritime autonomous surface ships;
- The role of AI and machine learning in enhancing safety protocols;
- Autonomous and remotely operated marine vessels;

Guest Editors

Dr. Shanshan Fu

Dr. Yu Wu

Dr. Mingyang Zhang

Deadline for manuscript submissions

closed (20 April 2025)



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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

mdpi.com/journal/jmse





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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

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