

Special Issue

Advanced Marine Electronic Applications in Smart Ocean

Message from the Guest Editors

Advanced ocean information technology is one of the research focuses of frontier ocean science and technology. It provides integrated solutions to ocean observation, communication, data analysis, and intelligent control for Smart Ocean. To tackle the key challenges of ocean underwater information sensing, sea surface remote sensing, information transmission, and energy supply to enable ocean intelligence, many techniques must be explored and developed, such as ocean stereo observation technology, real time communication and networking, high precision sensing technology, information mining, fusion and processing, artificial intelligence, and marine energy harvesting, etc. High quality papers related to various aspects of marine information technology are encouraged for publication, in particular in the following areas.

- Ocean communication
- Ocean remote sensing
- Marine information system
- Marine information transmission and network
- Marine Information Science
- Blue energy
- Triboelectric nanogenerator

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



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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

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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).