

## 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

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### Guest Editors

Prof. Dr. Zhiwei Xu  
Dr. Kequan Xia  
Dr. Sanjin Valčić

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### Deadline for manuscript submissions

closed (30 April 2023)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.6



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## 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.

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### 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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### 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 - Q1 (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).