



Advanced Marine Electronic Applications in Smart Ocean II

Guest Editors:

Prof. Dr. Zhiwei Xu

Marine Electronics & Intelligent System Laboratories, ZhiHai Building 416, Ocean College, Zhoushan Campus, Zhejiang University, Zhoushan 316021, China

Dr. Kequan Xia

Ocean College, Zhoushan Campus, Zhejiang University, Zhoushan 316021, China

Dr. Sanjin Valčić

Faculty of Maritime Studies, University of Rijeka, 51000 Rijeka, Croatia

Deadline for manuscript submissions:

closed (30 October 2023)

Message from the Guest Editors

Advanced ocean information technology is one of the primary areas of research in pioneering ocean science. It provides integrated solutions in the domains of ocean observation, communication, data analysis, and intelligent control for Smart Ocean technology. In order to address the key challenges encountered in ocean underwater information sensing, sea-surface remote sensing, information transmission, and energy supply, 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, among others.

This Special Issue encourages the submission of high-quality articles related to various aspects of marine information technology and that particularly address the following areas of interest:

1. Ocean communication;
2. Ocean remote sensing;
3. Marine information system;
4. Marine information transmission and network;
5. Marine Information Science;
6. Blue energy;
7. Triboelectric nanogenerator.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
Oceans Graduate School and The
UWA Oceans Institute, The
University of Western Australia,
Perth, WA 6009, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI