Journal of
Marine Science and Engineering

an Open Access Journal by MDPI

IMPACT FACTOR 2.8

CITESCORE 5.0

Advanced Marine Energy Harvesting Technologies

Guest Editors:

Dr. Hao Wang
Marine Engineering College, Dalian Maritime University, Dalian 116026, China

Prof. Dr. Minyi Xu
Dalian Key Lab of Marine Micro/Nano Energy and Self-Powered System, Marine Engineering College Dalian Maritime University, Dalian 116026, China

Prof. Dr. Xinxiang Pan
Maritime College, Guangdong Ocean University, Zhanjiang 524088, China

Deadline for manuscript submissions:
closed (31 August 2023)

Message from the Guest Editors

Dear Colleagues,

The harvesting of marine energy (e.g., wind, wave, current and thermal) is a sustainable and convenient way to generate and store power from the oceans. The past several decades have seen rapid progress in marine energy harvesting technologies. These technologies could help to overcome the high entropy of marine energy and greatly promote the efficiencies of energy capture and power take-off. Combined with the advances in power management and energy storage, marine energy could be a promising sector in the grid, and have the potential to represent the power foundation of self-powered marine systems and distributed marine systems. This Special Issue invites original research and review articles on the broad aspects of advanced harvesting technologies for marine energy. Topics of interest include, but are not limited to, the following:

- Wave energy and energy capture;
- Offshore wind energy and floating wind turbines;
- Current and tidal energy;
- Linear direct generators;
- Triboelectric nanogenerators;
- Self-powered systems and distributed systems;
- Power management and energy storage.

Journal of
Marine Science and Engineering

IMPACT FACTOR 2.8

CITESCORE 5.0

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, 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), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.
Journal Rank: JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

Contact Us

Journal of Marine Science and Engineering Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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