

Special Issue

Renewable Energies and Ocean Technologies: Challenges to the Green and Blue Economy

Message from the Guest Editors

This Special Issue will be a discussion of new research concepts, equipment, technology, materials and structures, and other scientific advances within the field of power generation and transmission, estuarine, coastal, offshore, and deepwater engineering with particular reference to developments, exploration, installation, application, and utilization of offshore resources.

This Special Issue also covers topics related to research, design, and construction of wind engineering and renewable energy, computational mechanics and design optimization, instrumentation and testing, structural integrity and life extension of structures, wind and wave dynamics, sedimentation, structural/stress analysis, soil mechanics, material research, and economic, environmental, and legal aspects.

The of this Special Issue on renewable energies and ocean technologies hope to include contributions from engineers, metallurgists, and scientists, among others, allowing for a multidisciplinary discussion.

Guest Editors

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Prof. Dr. Shun-Peng Zhu

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Dr. Yuming Liu

Prof. Dr. Lance Manuel

Deadline for manuscript submissions

closed (31 December 2021)



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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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Journal Rank:

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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).