

Special Issue

Zero Emission Shipping

Message from the Guest Editor

Full electric propulsion, due to its unique potential regarding the absence of emissions, is of great interest when low noise and reduced environmental impact are demanded. Such specific features are most important and, in some cases, mandatory for passenger ships and small craft operating in sheltered and protected waters. Full zero emission behavior is generally connected to strong limitations in performance and range, mainly due to technical limitations and the high cost of onboard energy storage, but research and development in the field is very active and new challenging targets are within sight. Full electric propulsion can be achieved only through a concurrent design approach based on low drag hull design and full exploitation of the latest advances in electric propulsion and onboard energy storage. For this Special Issue, we would like to collect papers detailing the most recent progress in this topic. We encourage you to submit your findings and contribute to making this Special Issue a success.

Guest Editor

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Deadline for manuscript submissions

closed (5 August 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

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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).