

Special Issue

Energy Efficiency in Marine Vehicles

Message from the Guest Editor

Dear colleagues, The range and endurance of sea-surface and undersea vehicles are dictated by the amount and type of energy that these vehicles can store and exploit. Hence, this Special Issue, “Energy Efficiency in Marine Vehicles”, aims to present technical articles concerning this issue. Energy efficiency can be enhanced using several strategies and technologies, including novel energy conversion systems, alternative energy storage (fuel types, oxidizer types, electro-chemistries), innovative energy harvesting/scavenging or drag reduction methods, clever employment of optimized operation strategies, and the use of more efficient vehicle tools, communications, or autonomy algorithms. Articles describing or developing other methods for enhancing energy efficiency are also welcome. All submissions should include a robust discussion about the advantage of the specific novel energy efficiency strategy/system/component advocated relative to the status quo.

Guest Editor

Dr. Timothy F. Miller

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Deadline for manuscript submissions

closed (1 March 2023)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
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