

Special Issue

Energy Saving Devices for Ships

Message from the Guest Editors

Energy-saving devices for ships have become a subject of intensive research and development in recent times, aiming at reducing fuel consumption and emissions and contributing to Blue Growth. A particular class deals with devices controlling the hydrodynamic flow properties, leading to drag reduction, improving the hull–propeller interaction and the propeller performance. Another important category is based on the exploitation of renewable energy, such as wind, wave and solar to improve the overall ship performance. Many of the developed systems are considered particularly suitable for retrofitting seagoing vessels.

The Special Issue will welcome submissions about

Energy-saving devices improving ship hydrodynamic performance;

Renewable energy powered marine vehicles;

Biomimetic systems and flapping thrusters;

Systems augmenting ship propulsion in waves;

Wind-assisted ship propulsion;

Experimental and computational ship hydrodynamics.

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Deadline for manuscript submissions

closed (30 August 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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