

Special Issue

Marine Hydrodynamics: Evolution, Trends and Prospects

Message from the Guest Editor

Ship hydrodynamics and dynamics is a relatively young branch of naval architecture and applied mechanics in which intensive progress was made in the 1940s. Although by now the number of publications in this field is large, there are relatively few publications that contain non-formal comparative analyses of various approaches showing the field in its natural development. This proposed issue of JMSE aims to publish articles with an augmented emphasis on the continuity of the evolution of all subareas of ship hydrodynamics and dynamics. Original contributions and serious analytical reviews on the resistance, propulsion, seakeeping, and manoeuvring of surface displacement ships are encouraged, as are studies on the hydrodynamics and dynamics of submarines and other submersibles, hydrofoils, surface effect ships, air cushion vehicles, planing and semi-planing boats, and other marine craft. Submissions on the application of control theory and system identification are also welcome when they are consistent with ship dynamics and add clear practical value to that field. The same applies to papers on navigation and guidance, route planning, and similar neighbouring areas.

Guest Editor

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Deadline for manuscript submissions

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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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