

Special Issue

Ship Hydrodynamics and Manoeuvring

Message from the Guest Editors

Ship hydrodynamics and maneuvering are classical topics in Naval Architecture. The research progress in these topics is dramatically accelerated due to the rapid development of computational methods and resources over the last three decades. The shipping industry is now pursuing lightly crewed semi-autonomous, or even fully autonomous vessels. This requires not only the accurate predictions of ships' hydrodynamic performances, but also advanced control technologies to improve ships' maneuverability. Therefore, we put forward this Special Issue to focus on novel methodology on ship hydrodynamics and maneuvering. We are looking for papers from both academia and industry that deal with technical solutions to improve ships' hydrodynamic and maneuvering performance. The topics will include but not be limited to numerical and experimental ship hydrodynamics, seakeeping, ship resistance and propulsion, station keeping and dynamic positioning, and ship maneuvering and control.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2021)



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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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