



Contemporary Research on Improving the Performance of Modern Marine Vehicles

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Message from the Guest Editors

Dear Colleagues,

Marine transportation plays a crucial role in global trade; the performance of modern marine vehicles has significantly improved over the past few decades, largely driven by IMO regulations. In addition, the demand for high-quality food and stable energy supplies brings new applications and challenges for ships and marine vehicles. As a result, researchers and engineers are striving to develop advanced technologies to improve the performance of modern marine vehicles in alignment with the rapid expansion of industry trends, including IoT, data mining, digital twin, AI, etc.

This Special Issue aims to bring together cutting-edge research and insights from experts in the field, focusing on improving the performance of modern marine vehicles in both design and off-design conditions.

We hope this Special Issue will provide a valuable resource for worldwide researchers, engineers, and practitioners working in the marine vehicle engineering and design field. We believe the articles in this issue will inspire new ideas and innovations, leading to further advancements in the performance of modern marine vehicles.





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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.

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