

Special Issue

Dynamic Stability and Safety of Ships in Waves

Message from the Guest Editors

The motion of floating bodies in waves is one of the most characteristic research areas in the field of naval and ocean engineering. Seakeeping performance is a crucial aspect, not only for conventional vessels like cargo ships, but also for high-speed crafts such as patrol boats and naval ships, and offshore structures. It plays a significant role in ensuring the efficiency and safety of these vessels and marine systems during operations at sea. The development of autonomous navigation technologies and the increasing demand for eco-friendly energy carriers have made it imperative to understand and optimize the seakeeping performance of vessels engaged in the transport of LNG and liquid hydrogen. This Special Issue aims to gather cutting-edge scientific papers on ship stability and safety, focusing on wave-induced motions and effects.

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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

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