

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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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

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