

Special Issue

Stability and Seakeeping of Marine Vessels

Message from the Guest Editors

Stability has always been the first safety issue for any marine vessel, and static stability evaluation has been adequate for ship service. Recently, research interests have focused on ship dynamics and stability failure modes in rough seas for higher safety. Seakeeping assessment today is one of the most important design features to establish operational limits for both speed and comfort. The purpose of the invited Special Issue is to publish the most exciting research with respect to the above subjects, to provide a rapid turn-around time regarding reviewing and publishing, and to disseminate the articles freely for research, teaching, and reference purposes. High-quality papers are encouraged for publication, directly related to various aspects, as mentioned below. Novel techniques for the study are also encouraged. Some of the topics included in stability and seakeeping of marine vessels are:

- Ship stability;
- Seakeeping;
- 2nd-generation intact stability criteria;
- Ship dynamics;
- CFD, EFD, time domain simulations;
- Direct assessment.

Guest Editors

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Deadline for manuscript submissions

closed (10 June 2020)



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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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Author Benefits

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indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (Civil and Structural Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).