

## 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.

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### Guest Editors

Prof. Dr. Ermina Begovic

Department of Industrial Engineering, Università Degli Studi di Napoli Federico II, 80125 Naples, Italy

Dr. Simone Mancini

Force Technology, Department of Hydro and Aerodynamics, Force Technology, 2800 Kgs. Lyngby, Denmark

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### Deadline for manuscript submissions

closed (10 June 2020)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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*Journal of Marine Science and  
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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
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