

Special Issue

Ship Dynamics and Hydrodynamics

Message from the Guest Editors

Ship hydrodynamics and dynamics have always been one of fundamental elements of naval architecture and ocean technology and cover a wide range of topics related to interaction between a ship or other marine structures and the surrounding fluid; analysis of the resulting loads and motions thus provide indispensable inputs for the ship's strength and design problems. In addition to traditional topics, such as ship resistance, propulsion, seakeeping and maneuvering, the issues related to hydroelasticity, motion control, navigation and guidance, route planning, computational fluid dynamics (CFD), hull form optimization, novel kinds of propulsors and steering devices are also considered. In addition to common surface displacement ships, other kinds of marine craft, submersibles, various ocean structures and platforms often become subjects of investigation.

Guest Editors

Dr. Carlos Guedes Soares

Centre for Marine Technology and Ocean Engineering (CENTEC),
Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais,
1049-001 Lisboa, Portugal

Prof. Serge Sutulo

Centre for Marine Technology and Ocean Engineering (CENTEC),
Instituto Superior Técnico, Universidade de Lisboa, 1049-001 Lisboa,
Portugal

Deadline for manuscript submissions

closed (1 November 2022)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.4



mdpi.com/si/83435

*Journal of Marine Science and
Engineering*

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

mdpi.com/journal/

[jmse](https://mdpi.com/journal/jmse)





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.4



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



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

Oceans Graduate School and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

Author Benefits

High Visibility:

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).