

# Special Issue

## Hydrodynamic Design

### Message from the Guest Editors

The global demand for fast and efficient sea transportation, pollution reduction (including air and noise pollution), safety improvement, and increased autonomy in ship design and operation has led to an ongoing development of marine vehicles and structures. In this development, the hydrodynamic design of the marine vehicles considering hull design, propulsion system design, resistance, seakeeping, and maneuvering has been significantly affected by new IMO requirements as well as the Industry 4.0 revolution. Many researchers have investigated novel hydrodynamic solutions to satisfy these requirements. According to these progresses, the Guest Editor, , along with co-, , invite researchers, academics, and industry bodies to share their new findings in a Special Issue entitled “Hydrodynamic Design”.

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### Guest Editors

Prof. Dr. Abbas Dashtimanesh

The Royal Institute of Technology (KTH), Stockholm, Sweden

Dr. Javad Mehr

Australian Maritime College, University of Tasmania, Launceston, Australia

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### Deadline for manuscript submissions

closed (5 October 2021)



# 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  
Engineering*

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
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#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).

