

# Special Issue

## Novelties in Marine Propulsion

### Message from the Guest Editors

This Special Issue aims to gather the latest developments in marine propulsion research, covering a broad spectrum of topics related to the presentation of novel propulsive concepts, the modeling, design, simulation, and testing of propulsive systems, including turbomachinery, energy generation and transfer, experimental verification, and validation, advances in numerical modeling and simulation and methodological approaches. Authors are encouraged to submit original research articles or systematic review papers, not strictly limited to the following list of exemplary topics:

- Hydrodynamic and propulsive modeling and design of marine propulsors (propellers, waterjets, etc.);
- Novel numerical approaches for design, analysis, and simulation;
- Experimental campaigns and innovations in test techniques;
- Energy conversion and storage for propulsion;
- Multidisciplinary design and optimization;
- Propulsion system integration and novel propulsive configurations;
- Engine control system;
- Propulsion-related pollutants modeling and abatement.

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### Guest Editors

Dr. Andrea Magrini

Prof. Dr. Nastia Degiuli

Dr. Filippo Avanzi

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### Deadline for manuscript submissions

25 December 2025



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
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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  
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JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean  
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