

# Special Issue

## Smart Control of Ship Propulsion System

### Message from the Guest Editors

The main scope of the invited Special Issue is to publish research covering the above subjects and to provide free dissemination of articles for everyone interested in the abovementioned topics. The rapid turn-around time regarding reviewing and publishing ensures the up-to-date availability of papers for research, teaching, and reference purposes. High-quality papers are encouraged for publication, directly related to the various topics listed below. Novel numerical techniques in the ship propulsion control design are encouraged too.

- Smart control of ship propulsion systems;
- Ship propulsion control issues;
- Simulation-based design of marine power systems;
- Propeller and engine modelling for control purposes;
- Adaptive controls to environmental conditions and whole plant demand;
- Marine hybrid propulsion systems;
- Dynamic positioning;
- Guidance and control of autonomous vessels;
- Ship control in weather routing applications;
- System vulnerability early detection.

### Guest Editors

Prof. Dr. Marco Altosole

Dr. Maria Acanfora

Dr. Flavio Balsamo

Dr. Bowen Xing

### Deadline for manuscript submissions

closed (30 January 2023)



## 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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## 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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### Author Benefits

#### High Visibility:

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

#### 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 15.6 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the first half of 2025).