

## Special Issue

# Advances in Oceanic and Mechatronic Systems Engineering

### Message from the Guest Editor

Oceanic and mechatronic systems engineering, as part of ship and maritime systems engineering, is a rather recent and exciting interdisciplinary field of study and research that is attracting researchers from naval architecture and marine engineering as well as from mechanical, electrical, computing, electronics, etc. The invitation to submit papers is for professionals working or interested in the full spectrum of the maritime business and industrial sectors including, but not limited to shipbuilding, shipping and offshore industries, navy and government, as well as the ocean science and exploration sectors. The thematic areas will encompass the electrical design of marine power plants, the configuration of all-electric and hybrid ships, propulsion powertrain outfit, shipboard automation, marine machinery diagnostics and prognostics, marine motor drives, on-board power management and conditioning, autonomous ocean surface and underwater vehicles, unmanned oceanic systems, marine robotics, etc. The target audience will be communities of process modelling and simulation, system identification, dynamics and control, reliability, and signal and data analysis.

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### Guest Editor

Prof. Dr. Nikolaos I. Xiros  
School of Naval Architecture and Marine Engineering, University of New Orleans, New Orleans, LA 70148, USA

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### Deadline for manuscript submissions

closed (31 October 2019)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.6



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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

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 - Q1 (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).