

Special Issue

Innovative Marine Navigation

Message from the Guest Editors

The main goal of this Special Issue is to contribute to the research of the most recent developments in the area related to marine navigation, including the latest technologies, processes and their impact on sustainable shipping operations. This Special Issue will examine the ways how maritime navigation software, hardware, processes and methodologies have been improved recently, providing the shipping industry with better visibility into vessel movements, increasing the efficiency of the operations, enabling safer routes and enhancing sustainable sea operations. It will be equally focused on navigation technologies and processes used to tackle the navigational challenges and enable digital transformation towards a smart shipping paradigm. Topics related to the economic, environmental and sustainability effects of recent advances in sea navigation are also the focus of this Special Issue. All types of articles—literature-based, empirical research, case studies containing methodologies, frameworks, and best practices for embarking on the digital transformation of the sea navigation—are very welcome.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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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).