

Special Issue

Safe Maneuvering, Efficient Navigation and Intelligent Management for Ships

Message from the Guest Editors

The technological trends of intelligence, greening, and efficiency are deeply driving high-quality development in the shipping industry. As a crucial tool in maritime transportation, the safe maneuvering, efficient navigation, and intelligent management of ships have become inevitable trends in current development. Over the past few decades, methods and technologies such as machine learning, image recognition, big data mining, and computer simulation have propelled the research and application of autonomous ships, unmanned surface vehicles (USVs), and ship monitoring systems, providing feasibility for the intelligent development of ships. This Special Issue focuses on the challenges and innovations related to safe maneuvering, efficient navigation, and intelligent management of ships, revealing the latest issues and research progress from the perspectives of policy, technology, and methods. The aim is to advance our understanding of the development of vessel safety, efficiency, and intelligence using frontier systems theory and methods, thereby driving the development of the shipping industry.

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

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