

Special Issue

Advanced Technologies for Green Maritime Transportation

Message from the Guest Editors

The International Maritime Organization (IMO) strategy on reducing ship-induced greenhouse gases (GHGs) by at least 50% by 2050 has been the priority for the shipping, ports, engineering, and leisure marine industries. Vessels powered by diesel emit GHGs, mostly carbon dioxide (CO₂), which contribute to climate change. Thus, this Special Issue intends to address the advanced technologies for green maritime transportation in consistent alignment with the IMO strategy for CO₂ emission reduction. To achieve a 50% GHG reduction by 2050, the deployment of advanced technologies in the maritime sector is the key factor influencing the GHG reduction potential. We are looking for papers dealing with disruptive solutions for energy saving and emission reduction technologies to demonstrate the effectiveness of GHG reduction technologies and measures, thus moving the sector towards green maritime transportation.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2023)



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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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