Special Issue

Technologies for Sustainable Shipping in the Polar Regions

Message from the Guest Editors

There is significant shipping in cold regions with extended ice cover, including the Arctic, the Antarctic, and other warmer regions, such as the Bay of Bothnia and the Gulf of Finland. Moreover, Climate Change contributes to the further development of polar shipping routes by more favorable ice conditions expected in the future. However, operating a ship in ice is energyconsuming and requires developing advanced technologies for environmentally friendly shipping, yet accounting for other sustainability domains. Studying the environmental domain of sustainability is especially relevant for the Arctic, considering its sensitive ecosystem and the local effect of air pollution. This Special Issue invites theoretical and applied contributions, developing innovative technologies for environmentally friendly, safe, and cost-efficient ships and maritime transport systems operating in ice.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2023)



Journal of Marine Science and Engineering

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.0



mdpi.com/si/168812

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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.

Editor-in-Chief

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