

Special Issue

Ocean Circulation and Dynamics in High Latitudes and Ice-Ocean Interactions

Message from the Guest Editors

The crisis of global warming has now continued for multiple decades since the late twentieth century. The polar seas covered with ice, such the Arctic and Antarctic Seas, are vulnerable to the surging thermal energy. It is essential to properly understand how waters in high-latitude seas respond to the climatic changes in terms of oceanic current and sea ice physics as well as the coupling system between those media. The purpose of this Special Issue is to publish the latest research into theories and simulations from any field related to sea ice dynamics and physical oceanography. Furthermore, we invite papers which developing state-of-the-art techniques and technologies, e.g., remote sensing, acoustics, drifting buoys, numerical schemes, etc., in order to elucidate the mysteries outlined above.

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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