

Special Issue

Oceanic and Marine Circulation: Numerical Modelling and Analysis of Observations

Message from the Guest Editor

This issue aims to cover different aspects of oceanic and marine circulation in the context of numerical simulation and analysis of observations, and, most desirably, a combination of these two approaches. The authors can focus on original numerical methods, techniques of data collection and processing, as well as the implementation of all these tools for the investigation of physical processes with possible scientific results. Moreover, problems around climate and climate change can be considered with respect to the ocean as the most inertial and accumulative element of the Earth climate system. Further, sea ice is a very important part of the cryosphere concerning the ocean, and we welcome papers on different aspects of sea ice studies. Keywords

- oceanic and marine circulation
- sea ice
- numerical simulation
- ocean modelling
- air-sea interaction
- large-scale and synoptic oceanic processes
- oceanic turbulence parameterizations
- operational oceanography
- observational data analysis

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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