

Special Issue

Computational Fluid Dynamics in Marine Environments

Message from the Guest Editors

In marine environments, surface and internal waves, wind, currents, and sea ice occur, and these are some of the most important sources of dynamic load on marine structures. An understanding of marine environments and their interactions with structures, the seabed, and ocean-land boundaries is of great importance in both fundamental research and engineering applications. Computational fluid dynamics techniques can accurately and efficiently predict fluid dynamics and the complex interactions between marine environments and ocean structures. With the improvement and development of new numerical models for the simulation of marine environments, advanced applications of numerical methods for simulating complex marine environments are key issues that need to be further addressed. We welcome high-quality research papers and reviews on recent developments in computational fluid dynamics in marine environments.

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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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