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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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.

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