

Special Issue

Application of CFD Numerical Modeling in Ocean and Coastal Engineering

Message from the Guest Editor

Recently, numerical analyses utilizing CFD models have become crucial for solving a range of engineering challenges within coastal and harbor engineering. Furthermore, increasingly sophisticated computational schemes are being developed to improve the precision of CFD modeling, establishing it as a field that demands significant computational expertise. This Special Issue invites contributions exploring diverse applications of CFD modeling within ocean and coastal engineering, as well as cutting-edge research on hybrid models combined with artificial intelligence. This Special Issue encompasses a breadth of topics pertinent to CFD numerical modeling in ocean and coastal engineering.

Guest Editor

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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

Prof. Dr. Charitha Pattiaratchi
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