

Special Issue

CFD Simulations of Marine Hydrodynamics

Message from the Guest Editor

This Special Issue focuses on Computational Fluid Dynamics (CFD) Simulations of Marine Hydrodynamics with a specific focus on the applications of naval architecture and ocean engineering. CFD is an emerging area and is gaining popularity due to the availability of ever-increasing computational power. If used accurately, CFD methods may overcome the limitations of experimental and other numerical methods, in some respects. We invite researchers from both academia and industry to submit original articles that advance state-of-the-art CFD applications in marine hydrodynamics or review the progress and future directions of research in this field. The scope of the Special Issue covers the range of subjects relevant to naval architecture and ocean engineering.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2020)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).