### **Special Issue**

# Application of CFD Simulations to Marine Hydrodynamic Problems (2nd Edition)

### Message from the Guest Editors

Computational fluid dynamics (CFD) methods play important roles for the design and ability assessment of marine vehicles, structures, ships, etc. They are widely used in the fields of naval architecture and ocean engineering. Nowadays, CFD techniques have developed to a very high level. They can partly or even fully replace experiments in many cases. This Special Issue aims to collect the cutting-edge developments in the fundamentals and applications of CFD methods, which can promote the discussion and developing of the new CFD methods. In light of the success of this Special Issue and the hot topic, we would like to announce the 2nd Edition.

### **Guest Editors**

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### Deadline for manuscript submissions

closed (10 August 2025)



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### mdpi.com/si/204440

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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.

### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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