

# Special Issue

## Recent Development and Application of Hydrodynamics in Marine Environment

### Message from the Guest Editors

The aim and scope of this Special Issue is to invite paper contributions on the recent developments and applications of theories, laboratory experiments, field measurements, remote sensing, and numerical modelling in hydraulic and marine hydrodynamics. Research articles covering the areas of artificial intelligence, hydraulic laboratory experiments, climate change and resulting sea-level rises, free-surface flows, hydro-informatics, the interactions of flows and waves with structures, internal waves, morphodynamics, naval architecture, remote-sensing applications, solitary waves, storm surges, tsunamis, typhoons, and wave dynamics are welcomed for possible inclusion in this Special Issue of the *Journal of Marine and Science and Engineering*.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2023)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
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