

Special Issue

Numerical and Physical Model Investigation of Water Transport, Coastal and Offshore Engineering

Message from the Guest Editors

We invite you to publish your high-quality research and developmental work in this Special Issue. With this Special Issue, we aim to provide a platform with which researchers and practicing engineers can promote their work on water transport and coastal and offshore engineering developments, including breakwaters, harbors, channels, platforms and risers. The main themes of this issue are: (1) wave–structure interaction, (2) the motion response of marine structures and (3) flow-induced vibrations. Several subcategories will also be addressed, encompassing: the physical model test, numerical simulation, submerged floating tunnel, mooring safety simulation, navigation simulation, sediment erosion and siltation, FEED, motion response of ocean engineering, potential flow theory, viscous flow theory, N-S equation and other similar fields. This Special Issue aims to present and disseminate the most recent advances in the concept, application, control, optimization, physical model investigation and numerical simulation of water transport and coastal and offshore engineering.

Guest Editors

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Prof. Dr. Bin Teng

Prof. Dr. Wanhai Xu

Deadline for manuscript submissions

closed (20 May 2023)



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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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