

Special Issue

Numerical Investigation of Fluid-Structure Interactions in Coastal and Offshore Engineering

Message from the Guest Editors

Recently, numerical modeling has played an important role in the study of fluid–structure and wave–structure interactions. Numerical models (i.e., Lagrangian, finite element, or volume of fluid methods, etc.), if validated against experimental or field data, could be of great help in modeling real situations and selected parts of coastal and offshore structures, including floating bodies. The purpose of this Special Issue is to collect research papers, extended review works, and work involving technical applications concerning coastal and offshore engineering problems related to fluid–structure interactions. Novel techniques, code optimization, and validations are encouraged.

Guest Editors

Prof. Dr. Paolo De Girolamo

Dr. Myrta Castellino

Dr. Davide Pasquali

Deadline for manuscript submissions

closed (10 December 2022)



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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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