Special Issue

Wave–Seabed–Structure Interaction (WSSI) Analysis of Coastal and Offshore Structures

Message from the Guest Editors

With the continuous advancement of coastal and geotechnical engineering construction in marine environments, and also with the emerging need for offshore renewable energy infrastructure (including bottom-fixed and floating wind, tidal, OWC devices, etc.), the topic of wave–seabed–structure interactions and the associated foundation stability near coastal and offshore installations has attracted a great deal of attention. Consequently, the objective of this Special Issue is to collect research papers in the field of marine hazards, including geological environments, marine geology, hydrodynamics, fluid environments, wave–seabed interactions, and the associated liquefaction and scouring processes; the stability of marine infrastructure; sediment transport in marine environments; the application of artificial intelligence to the prediction and assessment of marine geotechnics; the protection of marine infrastructure, etc. We warmly invite contributions from researchers and practitioners seeking to advance understanding of wave–seabed–structure interactions and ensure the resilience of future marine infrastructure.

Guest Editors

Prof. Dr. Hongyi Zhao
Prof. Dr. V.S. Ozgur Kirca
Prof. Dr. Dong-Sheng Jeng

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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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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