

Special Issue

Offshore Installations and Wave Power Generation

Message from the Guest Editors

Various types of offshore installations are needed in coastal areas and ocean zones. Traditionally, offshore structures have been mainly constructed for the offshore oil and gas industries. To tackle climate change and to meet energy demands, innovative offshore installations can be considered, such as floating renewable energy facilities and floating transportation infrastructures. Among the floating renewable energy facilities, many wave energy converter (WEC) technologies are still at a pre-commercial stage, and significant research and development are required to improve their competitiveness. For example, the integration of WECs in multifunctional offshore structures can be an interesting alternative. On one hand, WECs can supply power to integrated structures, e.g., aquaculture platforms, wind turbine platforms, oil and gas platforms, or modular floating structures. On the other hand, WECs can serve as a floating wave-breaker to reduce wave loads acting on integrated structures.

Guest Editors

Dr. Nianxin Ren

Dr. Zhe Ma

Dr. Zhiyu Jiang

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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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