



Offshore Installations and Wave Power Generation

Guest Editors:

Dr. Nianxin Ren

Department of Civil Engineering
and Architecture, Hainan
University, Haikou, China

Dr. Zhe Ma

Deepwater Engineering Research
Center, Dalian University of
Technology, Dalian, China

Dr. Zhiyu Jiang

Department of Engineering
Sciences, University of Agder,
Kristiansand, Norway

Deadline for manuscript
submissions:

closed (1 August 2023)

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Tony Clare

School of Natural and
Environmental Sciences,
Newcastle University, Newcastle
upon Tyne NE1 7RU, UK

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.

Author Benefits

Open Access:— free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Engineering, Marine*) / CiteScore - Q2 (*Ocean Engineering*)

Contact Us

*Journal of Marine Science and
Engineering*
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
@JMSE_MDPI