

Special Issue

Wave Energy Converter Mooring System

Message from the Guest Editors

A multitude of research endeavors have been devoted to exploring floating wave energy converters. Ascertaining the optimal position of these floating devices is predominantly determined by the mooring system used. Given the diverse forms and natures of wave energy converters, their respective mooring systems must be designed to address specific requirements. Designing an appropriate mooring system for wave energy converters is crucial in achieving optimal performance, stability, and reliability. This Special Issue underscores the following topics: nonlinear problems in wave energy mooring systems and the corresponding mathematical models; efficient arrangement of mooring lines to improve safety, save space, and reduce costs; development of novel mooring systems that cater to the unique requirements of varying wave energy converters; the coupling effect in mooring systems; health monitoring of mooring systems; reliability and risk associated with mooring systems; smart maintenance strategy of mooring systems; and other theoretical, experimental, or numerical research pertaining to mooring systems for wave energy converters.

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About the Journal

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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

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