

Special Issue

Operations and Maintenance Challenges in Wave Energy Conversion

Message from the Guest Editors

Wave energy conversion technology has demonstrated immense potential as a source of renewable energy, being capable of harnessing the power of ocean waves to generate electricity. However, despite significant advancements, the technology is not yet fully mature. Most of the devices that have been deployed so far are prototypes, and only a limited number of full-scale devices are in operation. This early stage of development presents both opportunities and challenges, particularly in terms of operational efficiency and long-term sustainability. This Special Issue aims to publish recent research findings regarding the challenges associated with operation and maintenance in wave energy conversion, with a focus on strategies that enhance reliability and reduce the time required for installation and maintenance, thus optimizing operational efficiency in order to accelerate the technological development of this promising energy source. We welcome submissions related to O&M strategies and wave conversion systems.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

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