Special Issue

Offshore and Onshore Wave Energy Converters: Engineering and Environmental Features

Message from the Guest Editors

In the last decade, extensive research has been carried out with the aim of designing new prototype devices that allow for the extraction of electricity from renewable energy sources, in order to contribute to a reduction of the use of non-renewable resources, and thereby to mitigate climate change impacts. Among the various renewable energy resources, energy extracted from sea waves is widely available, although it is currently poorly exploited. Furthermore, several technologies are being developed, but none of them seem to be very promising. High-quality papers regarding wave energy converter technologies related to the following topics are highy encouraged:

- Hydrodynamic numerical modelling;
- Experimental modelling and testing;
- Design optimization;
- Mooring modelling and design;
- Power take-off modelling and design;
- Levelized cost of energy analysis;
- Resource assessment;
- Environmental impacts;
- Policy, legislation, and socio-economic impacts;
- Case studies.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)

Journal of Marine Science and Engineering

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Impact Factor 2.8
CiteScore 5.0

mdpi.com/si/40017

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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.

Editor-in-Chief

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