

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 highly 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

Dr. Luca Cavallaro

Department of Civil and Architecture, University of Catania, Catania, Italy

Dr. Diego Vicinanza

Department of Engineering, Università degli Studi della Campania "Luigi Vanvitelli", Aversa, Italy

Deadline for manuscript submissions

closed (30 September 2021)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

Oceans Graduate School and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).