

Special Issue

Modeling, Design and Commercialization of Wave Energy Converters

Message from the Guest Editors

In order to tackle the climate change and environmental pollution challenge, many strategies at the global, European, and national level have been defined. All of them include the further development of renewable energy extraction technologies, and to reach the green energy transition, wave energy has its place in the future energy mix. Challenges remain regarding modeling and design of wave energy converters (WECs) in order to reach commercialization. These challenges will be addressed in this Special Issue of *Journal of Marine Science and Engineering*. More specifically, high-quality papers regarding wave energy converter technologies related to the following topics are very much encouraged:

- Hydrodynamic numerical modeling;
- Experimental modeling and testing;
- Real sea testing;
- Design optimization;
- Resource modeling and characterization;
- Mooring modeling and design;
- Power take-off modeling and design;
- Levelized cost of energy analysis;
- Commercialization strategies.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2020)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/32161

*Journal of Marine Science and
Engineering*

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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
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