

Special Issue

The Development of Marine Energy Extraction

Message from the Guest Editors

The extraction of energy from the sea has been shown to be a viable option for delivering a sustainable form of renewable energy into the global energy mix. Over the decades, a number of devices for both tidal and wave energy generation have been developed and shown potential at a reasonable scale of 500 kW and more. There is, though, considerable effort being made to ensure that commercial scale devices, operating in arrays, can deliver cost-effective energy. Given the extreme conditions of many potential sites, this can be challenging, and therefore it is crucial that quality research, design, and testing is continued. The aim of this invited Special Issue is to publish exciting, up-to-date research in marine energy generation, to provide a rapid turn-around time regarding reviewing and publishing, and to disseminate articles freely for research, teaching, and reference purposes. Keywords

- tidal energy-device development and testing
- wave energy-device development and testing
- moorings
- resource assessment
- environmental impacts
- policy, legislation, and socio-economic impacts
- case studies

Guest Editors

Prof. Dr. Tim O'Doherty

School of Engineering, Cardiff University, The Parade, Cardiff CF24 3AA, UK

Dr. Allan Mason-Jones

School of Engineering, Cardiff University, The Parade, Cardiff CF24 3AA, UK

Deadline for manuscript submissions

closed (1 February 2020)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.4



mdpi.com/si/20673

*Journal of Marine Science and
Engineering*

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

mdpi.com/journal/

[jmse](https://mdpi.com/journal/jmse)





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.4



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



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

Author Benefits

High Visibility:

indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (Civil and Structural Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).