

Special Issue

Marine Renewable Energy and the Transition to a Low Carbon Future 2nd Edition

Message from the Guest Editor

As we all know, marine renewable energy (MRE) is abundant, and there are large spaces in both offshore and coastal environments that can be considered for harvesting different kinds of energy. The technologies currently associated with marine renewable energy extraction are very significant for achieving the expected targets in energy efficiency and environmental protection. Research into offshore wind has experienced outstanding success in the last decade, and advances are also expected for other MRE technologies. On the other hand, there are still important challenges related to the implementation of cost-effective technologies that could survive in the harsh marine environment.

We strongly encourage papers providing innovative technical developments, reviews, case studies, and analytics, as well as assessments and manuscripts targeting different disciplines that are relevant to harvesting ocean energy and to the associated advances and challenges. Expected climate change effects in ocean or coastal environments are also topics of high interest for this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2025)



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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.

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