

# Special Issue

## Perspectives and Challenges in Extracting Offshore Energy

### Message from the Guest Editors

During the last decades, changes in the climate have become more obvious. It is clear that this dynamic is significantly influenced by human activities. For this reason, effective measures for decarbonization are currently being employed by many international and national authorities. Since a great amount of emissions are generated by the energy sector, the shift to green energy represents a very important direction for sustainable development toward a low-carbon future. From this perspective, there is growing interest in extracting marine renewable energy. Finding coastal environments with high potential for extracting energy represents an important objective for the present and near future. Therefore, the main target of this Special Issue is to improve the renewable energy agenda through enhanced scientific and multi-disciplinary works, aiming to enhance knowledge and performance in extracting ocean energy. We strongly encourage scientific works targeting innovative technical developments, reviews, case studies, and analytics, as well as assessments and manuscripts related to different disciplines that are relevant to the extraction of offshore renewables and related topics.

### Guest Editors

Prof. Dr. Liliana Rusu

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### Deadline for manuscript submissions

closed (30 June 2024)



## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).