

Special Issue

Advances in Offshore Renewable Energy Systems

Message from the Guest Editors

Offshore renewable energy systems are expected to penetrate conventional power supplies, as part of the pursuit of carbonless energy systems before 2050. However, despite the enormous potential in these renewable energy sources, owing to the hardness of the marine environment, researchers and engineers are still struggling to find cost-effective technical solutions. The development of the first offshore renewable energy systems in recent years, characterized by different stages of maturity and technology readiness levels (TRLs), has provided a highly valuable experience to the industrial community, research institutes, universities and governments, with the objective to improve the knowledge needed by this industrial sector. However, there is still a lot of room for improvement for a correct and efficient exploitation of these types of installations. This Special Issue aims to showcase the latest research achievements, findings and ideas in offshore renewable energy systems, ranging from mathematical modeling to methodological aspects.

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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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