

Special Issue

Innovative Development of Offshore Wind Technology

Message from the Guest Editors

We are inviting submissions to a Special Issue in *Journal of Marine Science and Engineering* on “Innovative Development of Offshore Wind Technology”. Offshore wind resources are abundant, yet there are much more complicated technological issues related to design, installation, operation, maintenance, lifetime extension and decommissioning, compared to onshore wind. Nowadays, offshore wind has been rapidly evolving with the aim to deploy larger wind turbines at deeper water depths and in more complex and extreme environmental conditions. Challenges arise when it comes to innovative wind turbine and foundation designs, reliable and optimized installation methods, and cost-effective operation and life-cycle maintenance. Furthermore, there has been continuous progress in wind farm optimization, control strategies, structural health monitoring, simulation methods, model tests, dynamic analyses as well as new materials. Therefore, we provide this Special Issue as a multidisciplinary forum for discussions on innovative development of offshore wind technology, and invite authors to contribute their latest studies, findings, and ideas to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2024)



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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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