Special Issue

New Era in Offshore Wind Energy

Message from the Guest Editors

Offshore wind turbine (OWT) technology is the leading technology in the offshore renewable energy sector, which has the greatest potential of developing commercially and becoming the backbone of the energy system by 2030 and 2050, respectively. Up to now, the use of fixed-bottom OWTs dominates against the use of floating OWTs (FOWTs); in the forthcoming years both technologies will be further developed and expanded together. In previous years, novel technologies were already developed in order to lower the levelized cost of energy and to efficiently face engineering challenges and uncertainties. Significant progress has been generated so far to facilitate the application of related theoretical designs in engineering practice. A new era in offshore wind energy technology, related to the analysis, design, and structural health monitoring of OWTs, is the core of this Special Issue.

Guest Editors

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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

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