



Marine Wind and Other Ocean Energy Key Technologies

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Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to present recent advances in the field of marine wind and ocean energy key technologies. Good knowledge of key technologies of wind and ocean energy is of major importance for the design, development, and deployment of offshore renewables to support the sustainability goals of nations and blue economy initiatives. In this aspect, studies related to either fundamental or applied research are welcome in this Special Issue, including case studies, laboratory-based studies, field deployment, and testing, covering the key technologies in resource mapping, device development, and farm designs related to marine wind, tidal, wave, OTEC, salinity gradient, and other complementary technologies aiming at clean energy development. Topics of interest for this issue include but are not limited to the following areas: Renewable resource assessment; Site-device matching; Device modularization; Device efficiency improvement designs and methods; Low-speed specific turbines; Hybrid renewable energy systems; Disaster resilient variants and remote grids; New energy storage methods; etc.

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Guest Editor





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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.

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