Special Issue

Novel Systems for Renewable Marine Energy

Message from the Guest Editor

Marine hydrokinetic energy in the form of offshore winds, waves, tides, and ocean currents is a significant source of renewable energy. The challenges in harnessing this energy for electricity with sufficient efficiency for it to be a viable resource motivates research and innovation in design and development of requisite devices. High quality papers directly related to the following topics in support of novel system designs and techniques for performance enhancement with respect to levelized cost of energy (LCOE), electricity production, peak to average absorbed power ratio, power to weight ratios and related metrics are encouraged.

- Offshore wind turbine systems
- Wave energy conversion devices
- Tidal and ocean current conversion devices
- Power takeoff designs
- Conceptual device designs
- Material selection for devices
- Device control systems
- Design of device arrays
- Numerical performance modeling
- Improvements in device components

Guest Editor

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Deadline for manuscript submissions

closed (15 June 2019)

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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (*JMSE*; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

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