Special Issue

Wave and Tidal Energy Resource Characterization and Environment Interactions

Message from the Guest Editor

Marine renewable energy has gained great attention due to the rapid increase of energy demand in highly-populated coastal regions and its potential to mitigate the effects of global warming as a result of greenhouse gas emissions. In particular, there has been extensive research and project development over the last decade on wave and tidal energy because they are highly predictable and have greater resources compared to other MHK energy sources. However, many challenges remain in terms of improving the accuracy of resource characterization and the understanding of interactions with the ambient marine environment. This Special Issue invites prospective authors to submit their most recent marine-energy-related studies on resource characterization and environmental interactions.

Keywords

- Wave and tidal energy
- Resource characterization
- Environmental monitoring
- Numerical modelling
- Field measurement and laboratory experiments
- Techno-economic and social analysis
- Sediment transport and water quality
- Underwater acoustics
- International Electrotechnical Commission (IEC) standards

Guest Editor

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closed (30 April 2020)

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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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