Special Issue

De-Risking Marine Renewable Energy: Testing and Modelling Challenges

Message from the Guest Editors

The exploitation of marine energy from waves, currents, tidal range, thermal and salinity gradients is expected to bring a significant contribution to the renewable energy mix in the near future. Huge efforts are being made by developers to increase technology maturity, demonstrating cost-effectiveness, safety and environmental friendliness of large scale installations at sea. This Special Issue aims to collect contributions reflecting the state-of-the-art of testing techniques and modelling methodologies that are currently used to support design, assessment and optimization of devices. The objective is to provide an updated picture of the capability to simulate, by experiments and/or computational modelling, the complex conditions affecting device operations at sea, including those involving multi-disciplinary features. Contributions will highlight significant advancements, and will help to stimulate discussion on existing gaps and areas in need of further development.

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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.

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