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Wave and Tidal Energy: Current Status and Future Perspectives

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Message from the Guest Editors

Dear Colleagues,

In recent years, many different approaches to wave and tidal energy conversion have emerged. However, none of them have been developed to a level of large industrial production. In recent years, several European States have had wave and tidal energy devices deployed in their adjoining waters. Experience has therefore been gained by wave and tidal energy developers, regulatory authorities, and stakeholders in the maritime environment and surrounding communities. Nevertheless, extensive R&D work is continuously required, at both fundamental and application level, to improve the performance of the particular technologies and to establish their competitiveness in the global energy market.

The purpose of this Special Issue is to present the most recent advancements in wave and tidal energy conversion technologies. The presentation of the new ideas as well as tests of models and prototypes using physical models or accurate numerical methods is encouraged. Additionally, papers reporting experiments carried out under real conditions at sea are very welcome.

Prof. Dr. Pasquale G. F. Filianoti

Prof. Dr. Sergio Mario Camporeale

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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