



Offshore and Onshore Wave Energy Converters: Engineering and Environmental Features

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Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

Dear Colleagues,

In the last decade, extensive research has been carried out with the aim of designing new prototype devices that allow for the extraction of electricity from renewable energy sources, in order to contribute to a reduction of the use of non-renewable resources, and thereby to mitigate climate change impacts. Among the various renewable energy resources, energy extracted from sea waves is widely available, although it is currently poorly exploited. Furthermore, several technologies are being developed, but none of them seem to be very promising.

High-quality papers regarding wave energy converter technologies related to the following topics are highly encouraged:

- Hydrodynamic numerical modelling;
- Experimental modelling and testing;
- Design optimization;
- Mooring modelling and design;
- Power take-off modelling and design;
- Levelized cost of energy analysis;
- Resource assessment;
- Environmental impacts;
- Policy, legislation, and socio-economic impacts;
- Case studies.



mdpi.com/si/40017

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Special Issue



an Open Access Journal by MDPI

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Message from the Editor-in-Chief

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