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Wave Energy Conversion and Storage: Latest Advances and Prospects

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Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editors

We are inviting submissions to a Special Issue of *Energies* on the subject area of "Wave Energy Conversion and Storage: Latest Advances and Prospects" and related topics.

Wave energy conversion will play crucial roles in future power systems and help reduce CO₂ emissions. This Special Issue aims to publish recent developments on wave energy conversion (WEC) and its storage systems, such as new types of wave energy converters and their corresponding arrays, novel electrical machines for WEC, energy storage for WEC, and operation control of WEC in islanding and grid-connected modes.

Topics of interest for publication include, but are not limited to, the following:

- Modelling and design of wave energy converters;
- Novel electrical machines for WEC systems;
- Power smoothing techniques for WEC systems;
- Maximum wave energy extraction;
- Numerical and physical modelling of WEC systems;
- Normal and fault-tolerant control of WEC systems;
- Hybrid control with other ocean energies;
- Array modelling.

We look forward to receiving your recent works in this area!



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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