Special Issue

New Advances in Wave Energy Conversion

Message from the Guest Editors

Wave energy conversion is fast approaching commercialisation. Lessons learnt, global warming, the interest of oil and gas sector, and the need to diversify the mix of offshore renewables are driving the latest momentum in wave energy innovation. This Special Issue will showcase cutting-edge research on conversion mechanisms, methodologies, control algorithms, modelling tools, experimental prototypes, and other approaches to enhance the performance and structural integrity of wave energy converters. Topics of interest include, but are not limited to, the following subjects:

- Novel conversion concepts
- Direct wave energy conversion
- Experimental approaches
- Modelling and analytical methods
- Hydrodynamics
- Structural integrity
- Smart materials
- Control algorithms
- Wave energy economics.

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About the Journal

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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