

Special Issue

Dynamic Analysis and Optimization of Wave Energy Devices

Message from the Guest Editors

During the last decade, research on wave energy has seen massive growth thanks to global climate change. Researchers and policy makers are looking for alternative sources of energy to reduce the effect of global climate change. Ocean waves store a vast amount of energy that, if harnessed properly, can produce a huge amount of electricity when connected with the grid. However, most wave energy converters currently developed still have low TRL levels. It is indeed necessary to continue to develop and research activities related to wave energy converters. This Special Issue aims to discover the latest developments related to wave energy conversion. The topics of interest for publication include, but are not limited to:

- Hydrodynamic analysis of wave energy converters (WEC);
- Numerical and experimental analysis of turbines for WEC;
- Full-scale testing techniques of WEC;
- Fluid-structure interaction of WEC;
- Optimization techniques for WEC.

Guest Editors

Dr. Weichao Shi

Mechanical Engineering and Marine Technology, School of Engineering, Newcastle University, Newcastle upon Tyne, UK

Dr. Tapas Kumar Das

Mechanical Engineering and Marine Technology, School of Engineering, Newcastle University, Newcastle upon Tyne, UK

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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