Special Issue

Wave Energy Conversion 2020

Message from the Guest Editor

The oceans cover more than 70% of the Earth's surface, making them a huge source of energy. Wave energy is one of the types of ocean energy, and a variety of energy systems based on wave energy have been proposed to date. Generally, an air turbine or mechanical gear mechanism is used for this conversion. For example, the oscillating water column (OWC) based wave energy system uses Wells and impulse turbines. On the other hand, a point absorber having a buoy floating on the water surface with waves can be linked with a suitable mechanism, and wave energy can be converted. This Special Issue welcomes papers addressing conceptual development, experiments, simulation, and installation, as well as reviews. Authors are encouraged to submit relevant works and disseminate knowledge to the communities on wave energy systems.

Guest Editor

Prof. Dr. Manabu Takao

Department of Mechanical Engineering, National Institute of Technology, Matsue College, 14-4 Nishiikuma-cho, Matsue-shi, Shimane 690-8518, Japan

Deadline for manuscript submissions

closed (31 October 2020)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/35133

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)

MDPI