

## Special Issue

# The Advances in Wave Energy Extraction Systems

### Message from the Guest Editor

This [Special Issue](#) on “The Advances in Wave Energy Extraction Systems” aims to contribute to emerging wave energy converter (WEC) technologies (onshore, nearshore, and offshore), including new devices and their design, modeling and simulation approaches, new control systems or fault-tolerant design in WECs, and new advances in increasing their efficiency, reliability, controllability, and survivability. Review or research papers in these areas are welcome. **Keywords:**

- renewable energy
- wave energy converters
- power take-off
- onshore, nearshore, or offshore
- WEC designs
- new control systems
- fault-tolerant control
- efficiency and reliability

---

### Guest Editor

Dr. Mário José Gonçalves Cavaco Mendes

1. Polytechnic Institute of Lisbon, Instituto Superior de Engenharia de Lisboa (ISEL), Mechanical Engineering Department, Rua Conselheiro Emídio Navarro 1, 1959-007 Lisbon, Portugal
2. CENTEC–Centre for Marine Technology and Ocean Engineering, Instituto Superior Técnico (IST), University of Lisbon, Avenida Rovisco Pais, 1049-001 Lisbon, Portugal

---

### Deadline for manuscript submissions

closed (13 October 2023)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 7.3



[mdpi.com/si/49734](https://mdpi.com/si/49734)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://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)