Special Issue

Sustainability of Wave Energy Resources in the Sea

Message from the Guest Editor

As a result of, and in view of the continuous development of wave energy converters in recent years, wave energy presented as a condensed form of wind energy can constitute an essential source of renewable energy, which can be exploited in high-consumption areas. Therefore, the assessment of wave energy propagation is a very important task not only for its exploitation as a power resource but also for its destructive effects in coastal zones. This Special Issue covers but is not limited to the following topics and intends to provide a detailed picture of both the state of the art and the outlook of wave energy.

- The latest developments in wave energy potential, assessment, and extraction;
- Storm events for its destructive effects in the coastal zones;
- Geo-spatial multi-criteria evaluation of wave energy exploitation;
- Wave power performance of wave energy converters;
- Optimum performance of wave energy converters;
- Inter- and intra-annual variability of wave energy resource assessment;
- Wave energy trends:
- Climate change impacts on wave energy.

Guest Editor

Prof. Dr. Adem Akpinar

Department of Civil Engineering, Gorukle Campus, Bursa Uludag University, Bursa, Turkey

Deadline for manuscript submissions

closed (31 May 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/105688

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

