

Special Issue

Renewable Energy Applications and Energy Sustainability in Coastal Areas

Message from the Guest Editor

Renewable energy applications are key to achieving energy sustainability in coastal areas. Through the integration of solar, wind, and other renewable technologies, these regions can harness their natural resources to meet energy demands while promoting environmental stewardship, resilience, and sustainable development, leading to decarbonization. The Special Issue (SI) is dedicated to the investigation of renewable energy systems in terms of integration, overall performance, and technological advances with an emphasis on coastal areas applications. This SI encourages researchers to propose novel methods, theories, and systems considering the environmental impact and the need for long-term sustainability. In this SI, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Hybrid renewable energy systems; Hybrid solar photovoltaic/thermal collectors and systems; Solar thermal collectors and systems; Solar photovoltaic collectors and systems; Wind energy systems; Tidal and wave energy systems; Desalination solar thermal collectors applications; Combined energy storage in solar thermal systems.

Guest Editor

Dr. Dimitrios N. Korres

School of Mechanical Engineering, National Technical University of Athens, 157 73 Athens, Greece

Deadline for manuscript submissions

19 February 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/226075

Sustainability

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



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



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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

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