

Special Issue

Renewable Energy Technologies and Energy Efficient Utilization

Message from the Guest Editors

It is our pleasure to invite you to submit an article to the current Special Issue. The present Special Issue has a wide scope and covers a wide range of renewable and energy-efficient technology-related topics. Researchers are welcome to submit their original experimental, computational, and review articles for this Special Issue. The Special Issue covers the progressions in all renewable energy technologies and energy efficiency, including, but not limited to, the following topics:

- Solar energy for a sustainable environment.
- Solar cooling technologies.
- Geothermal systems.
- Biomass technologies.
- Wind energy technology.
- Multigeneration systems.
- Energy-efficiency enhancement
- Solar thermal applications for drying, heating, and power generation
- Solar thermal energy technologies include: flat plate, evacuated tube, and vacuum-based and concentrator-based solar collectors.
- Mono-facial and bifacial photovoltaic, PV/T, and concentrated photovoltaic technologies
- Computational and theoretical modeling of renewable energy applications, including wind, solar, biomass, and geothermal energy.

Guest Editors

Prof. Dr. Ibrahim I. El-Sharkawy

Department of Sustainable and Renewable Energy Engineering,
College of Engineering, University of Sharjah, Sharjah 27272, United Arab Emirates

Dr. Ali Mohammed Radwan

Sustainable and Renewable Energy Engineering Department, College of Engineering, University of Sharjah, Sharjah 27272, United Arab Emirates

Deadline for manuscript submissions

closed (15 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/141123

Sustainability
Editorial Office
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 7.7



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

Journal Rank:

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