Special Issue

Renewable Energy Systems and Energy Efficiency for a Decarbonized Sustainability

Message from the Guest Editors

Over the past several decades, increasing concern about climate change, scarcity of resources, and energy supply have led to a paradigm shift in society and industry toward improved energy efficiency.

Energy efficiency and conservation are important tools; however, the energy efficiency improvement potential alone is not sufficient to reduce the increasing demand for fossil fuels and their associated environmental impact. To reduce fossil fuel demand and carbon emissions, all sectors must invest in renewable energy. Renewable energy technologies can provide practical and cost-effective alternatives for clean electricity and decarbonized heat sources including industrial process heat with fewer greenhouse gases (GHG) emissions.

This Special Issue of the journal Sustainability devoted to the broad field of "Renewable Energy Systems and Energy Efficiency for a Decarbonized Sustainability" aims to explore recent research into the concepts, methods, tools, and applications for improving renewable energy and energy efficiency technologies and their applications in order to advance and promote sustainable development in all sectors.

Guest Editors

Dr. Ahmad I. Abbas

Prof. Dr. Jamal O. Jaber

Dr. Mohammad D. Qandil

Deadline for manuscript submissions

closed (29 February 2024)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/150476

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)

