sustainability

IMPACT FACTOR 3.3

CITESCORE 7.7

an Open Access Journal by MDPI

Clean Energy Management: Emerging Technologies and Mathematical Modeling

Guest Editors:

Dr. Mohammad Reza Safaei

Dr. Reza Maihami

Dr. Mohammad Hossein Doranehgard

Dr. Mahyar Silakhori

Deadline for manuscript submissions:
closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

Clean energy, often referred to as renewable energy, is generated from clean natural resources and production processes that do not damage the environment. The rapid depletion of conventional energy sources, such as oil, gas, and coal, and their adverse impact on environmental conditions are forcing practitioners worldwide to look for renewable energy sources such as wave, hydropower, solar, wind, and geothermal.

As renewable energy sources continue to grow, a crucial goal will be to maximize productivity and clean energy utilization. Therefore, new technologies and policies are needed to manage exploration, production, distribution, and renewable energy consumption.

Energy systems, including clean energy, are complicated and multi-dimensional systems that show nonlinear characteristics. Hence, modeling and controlling energy systems brings up various challenges for researchers. In this matter, a useful and powerful tool is mathematical modeling.

This Special Issue aims to collect new technologies and mathematical models pertaining to the technologies, policies, and solutions that manage clean energy.

sustainability

IMPACT FACTOR 3.3

CITESCORE 7.7

an Open Access Journal by MDPI

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

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.

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, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
𝕏@Sus_MDPI