sustainability

an Open Access Journal by MDPI

IMPACT FACTOR 3.3

CITESCORE 6.8

Sustainable Energy Internet

Guest Editors:

Prof. Zhenyu Zhou

Prof. Dr. Jun Wu

Prof. Muhammad Tariq

Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

Energy Internet is a sustainable scenario of the Internet of Things which covers all aspects of electrical energy systems and provides secure connectivity and interoperability between power grids and the Internet. It integrates every piece involved in energy generation, transmission, distribution, storage, and consumption into a network with up-to-date information and communication technologies to achieve efficient energy management and enhance the reliability of the power system. For instance, the vehicle-to-grid (V2G) technology can explore the batteries of electric vehicles (EVs) to reduce energy demand and supply imbalance by absorbing excess energy during off-peak hours and delivering it back to the grid when needed.

The aim of this featured Special Issue is to solicit original submissions with novel contributions on sustainable Energy Internet, from the perspective of network structure, infrastructure deployment, secure/safety, efficient energy trading, energy scheduling, pricing, and so on.

sustainability

an Open Access Journal by MDPI

IMPACT FACTOR 3.3

CITESCORE 6.8

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