

Special Issue

The Potential and Benefit of Renewable Energy Resources: A Spatial-Temporal Variation Perspective

Message from the Guest Editors

Renewable energy resources are an effective way to relieve the energy crisis and also protect the environment due to its advantages of cleanness, safety, and reproducibility. The key problem of renewable energy resource development is how to estimate the potential of environmental and economic benefits accurately and scientifically. This Special Issue mainly focuses on the innovation of the estimation method for the potential of renewable energy resources, and presenting a relevant opportunity for all scholars to share their knowledge from the multidisciplinary community across the world, including energy economists, social scientist, and geographers. Papers study on further progress in theoretical research and practical applications on the potential and benefits of renewable energy resources using spatial-temporal analysis techniques are welcomed. We also seek integrative studies regarding the comprehensive benefits and spatial-temporal characteristics of development models for renewable energy resources using machine learning or hybrid economic theory and methodology, to meet the target of the great potential of scale production and the commercial development prospect.

Guest Editors

Dr. Jingying Fu

Prof. Zhigang Sun

Prof. Fengming Xi

Deadline for manuscript submissions

closed (20 June 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/63587

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)