



Sustainable Development of Renewable Energy Policies and Technologies

Guest Editor:

Prof. Dr. Seung-Hoon Yoo

Department of Future Energy
Science, College of Creativity and
Convergence, Seoul National
University of Science &
Technology, Seoul 01811,
Republic of Korea

Deadline for manuscript
submissions:

closed (3 May 2024)

Message from the Guest Editor

As the impacts of climate change appear all over the world, the importance of renewable energy such as solar and wind power is increasingly emphasized. The supply of renewable energy is expanding not only in developed countries but also in developing countries. However, countries around the world are facing two challenges in relation to renewable energy. Therefore, it is required to solve these challenges technically and at the same time to take policy measures for the solution. Indeed, renewable energy technologies and policies must promote sustainable development. The special issue invites contributions, including but not limited to the following detailed topics:

Sustainable development of solar power;

Sustainable development of wind power;

Sustainable development of bioenergy;

Causes of curtailing renewable energy power generation;

Technological solutions to curtailment of renewable energy power generation;

Expansion of renewable energy as distributed energy;

Electricity island and renewable energy;

Public acceptance of renewable energy;

Power system reinforcement for renewable energy expansion.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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.

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)

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](https://twitter.com/Sus_MDPI)