



Integration and Control of Distributed Renewable Energy Resources

Guest Editor:

Dr. Hamidreza Nazaripouya

1. School of Electrical and
Computer Engineering,
Oklahoma State University,
Stillwater, OK 74078, USA
2. Department of Electrical and
Computer engineering, University
of California, Riverside (UCR),
Riverside, CA 92507, USA

Deadline for manuscript
submissions:

closed (31 May 2021)

Message from the Guest Editor

Dear colleagues,

Distributed renewable energy resources have recently gained significant attention due to the exploitation and promotion of clean and abundant energy resources. This tendency is expected to increase more rapidly, partly driven by environmental concerns and the urgent need for reductions in carbon emissions. However, there are still several technical challenges regarding the deployment of distributed renewable energy resources. Technical concerns associated with integration and control of distributed renewable energy resources include but are not limited to optimal placement, communication barriers, optimal operation in grid-connected and islanded modes as well as the impact of these resources on power quality, power system security, stability, and protection systems.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patricia Luis Alconero

Materials & Process Engineering,
UCLouvain, Place Sainte Barbe 2,
1348 Louvain-la-Neuve, Belgium

Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

High Visibility: indexed within **Scopus**, **ESCI (Web of Science)**, **Inspec**, **AGRIS**, **RePEc**, and **other databases**.

Journal Rank: CiteScore - Q2 (*Environmental Science (miscellaneous)*)

Contact Us

Clean Technologies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/cleantechnol
cleantechnol@mdpi.com
[X@Cleantech_MDPI](https://twitter.com/Cleantech_MDPI)