

Special Issue

Innovation in Renewable Energy Technologies

Message from the Guest Editors

This Special Issue is focused mainly on ICT systems developed to more sustainably exploit renewable energies. Research in the field of energy is becoming more and more challenging because sustainability aspects must be addressed. Reduction of air pollutants, waste, traditional energy, and costs are needed to develop more and more sustainable systems to produce, distribute, and use energy. Thus, researchers and designers of different fields are working on these issues to identify more feasible and affordable solutions, both at system and component levels. An example of this holistic approach can be smart grids, where technological, environmental, and economic aspects must be considered together to optimize the system. At the component level, there are a lot of examples which can be used, from new energy carriers, to storage technologies and IoT applied to converters and loads. This Special Issue is intended to give an effective contribution to highlight all innovations in renewable energy to generate, convert, distribute, store, and utilize electricity.

Guest Editors

Prof. Dr. Andrea Toscani

Prof. Dr. Paolo Cova

Dr. Nicola Delmonte

Deadline for manuscript submissions

closed (31 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/67210

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)