

Special Issue

Sustainable Hydrogen Energy Systems: Electric Applications

Message from the Guest Editors

This Special Issue includes, but is not limited, to the following topics:

- Hydrogen fuel cells for portable applications;
- Hydrogen-based electric power supplies for domestic, commercial and industrial sectors;
- Hydrogen systems in isolated or grid-connected microgrids;
- Hydrogen-based hybrid electric energy systems;
- Hydrogen-powered electric transport (e.g. electric vehicles, trains, tramways);
- Grid-scale fuel cell-based electric power plants;
- Grid-scale hydrogen-based electrical energy storage systems;
- Power electronics for hydrogen electric applications;
- Advanced control techniques for hydrogen electric applications;
- State-of-the-art reviews on hydrogen electric applications.

Guest Editors

Prof. Dr. Luis M. Fernández-Ramírez

Dr. Pablo García Triviño

Prof. Dr. Carlos Andrés García-Vázquez

Prof. Dr. Carlos E. Ugalde-Loo

Deadline for manuscript submissions

closed (30 April 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/15469

Sustainability

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 6.8



[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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)