

Special Issue

Sustainable Transition in Transport Energy Consumption: The Charging/Discharging Infrastructure and Self-Containing Transport Energy System of New Energy Vehicles

Message from the Guest Editors

The aim of this Special Issue is to identify, address and disseminate state-of-the-art research works focusing on evaluating the merits of renewable energy carriers toward zero-carbon transportation-energy systems integration, especially in terms of typical applications.

We welcome submissions include (but not limited to) the following:

Renewable Energy Systems for the Transport Sector

- Power system planning, optimal load dispatch and scheduling
- Self-containing renewable energy system planning with road transportation
- System monitoring and assessment of the integrated network with renewable energy and electric vehicles
- ...

Other Sustainable Techniques for the Transit of Transport Energy

- Wireless power transmission technology between electric vehicles and the power grid
- Sustainable solutions of communication, positioning and sensing for electric vehicles
- Form and adaptation mode of low-carbon-based polymorphic energy-transportation integration
- Methodologies for environmentally sustainable road/railway transportation applications

...

Guest Editors

Prof. Dr. Ruifeng Shi

Dr. Li Li



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/116530

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)