

Special Issue

Electrification for The Automotive Sector Towards Sustainable Mobility

Message from the Guest Editors

This Special Issue aims at collecting studies based on present and future perspectives of electric mobility for sustainability, inviting original contributions from different viewpoints, including those of researchers and professional communities. The topics of interest of this Special Issue include (but are not limited to) the following:

- Studies on users' expectations regarding EVs and charging facilities;
- Electric charging solutions and their impacts on user mobility and vehicle performance;
- Innovative electric charging technologies (e.g., static and dynamic wireless power transfer charging solutions);
- Models and simulation tools to support policy makers in the development of electric charging infrastructures for road transport;
- Analysis on the role of EVs in pollutants emission and their reduction;
- Life cycle analysis of EVs and sustainability goals considering large-scale adoptions.

Guest Editors

Dr. Francesco Paolo Deflorio

Department of Environment, Land and Infrastructure Engineering,
Politecnico di Torino, 10129 Torino, Italy

Prof. Paolo Guglielmi

DENERG, Politecnico di Torino, 10129 Torino, Italy

Dr. Miriam Pirra

DIATI, Politecnico di Torino, Torino, 10129, Italy

Deadline for manuscript submissions

closed (30 June 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/41856

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)