



Electrification for The Automotive Sector Towards Sustainable Mobility

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)

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.





an Open Access Journal by MDPI

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

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.

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](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

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

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)