



Networked Electric Vehicles for Green Intelligent Transportation

Guest Editors:

Dr. Sabur Baidya

Computer Science and
Engineering Department,
University of Louisville, Louisville,
KY 40292, USA

Dr. Davide Callegaro

Zoox Inc., Foster City, CA 94404,
USA

Dr. Yanhai Xiong

Computer Science and
Engineering Department,
University of Louisville, Louisville,
KY 40292, USA

Deadline for manuscript
submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the fundamental technology, approach and techniques for the optimization of energy usage in networked vehicles and/or connected infrastructures for green intelligent transportation. Authors are encouraged to submit their research works from theoretical, methodological or practical focuses, such as simulation models, real-world experiments, algorithms and applications concerning green transportation.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Optimization techniques for EV charging
- Traffic decongestion for reducing carbon footprints
- Distributed computing for optimizing energy consumptions by vehicles
- Renewable-energy-driven transportation infrastructure
- Intelligent V2V charge sharing
- Optimization of energy usage by sensor data processing in EVs
- Optimizations in energy usage in a platoon of connected EVs





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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