



Vehicular Networks and Sustainability

Guest Editors:

Dr. G G Md Nawaz Ali

Dr. Md. Noor-A-Rahim

Dr. Mohammad Omar Khyam

Dr. Xuejun Li

Deadline for manuscript
submissions:

closed (20 December 2022)

Message from the Guest Editors

The connectivity of the vehicle is achieved through vehicular networks in the forms of Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) communication. Vehicular networks is the emerging technology for the future Intelligent Transportation System (ITS). The inherent drawback of vehicular network is the intermittent connectivity due to the mobility of vehicle and the nature of lossy wireless communication (e.g., path loss, fading and shadowing). A sustainable or stable vehicular network is the key for the successful deployment of V2X (Vehicle-to-Everything) communication in the future CAV (Connected and Autonomous Vehicle).

This special issue covers the following relevant areas, but are not limited to:

1. Sustainable Vehicular communication
2. V2V, V2I and V2X communication
3. Sustainable algorithm and routing protocol
4. Sustainable data dissemination
5. Sustainable vehicular clustering
6. Safe driving and intelligent transportation
7. MAC enhancement
8. Path loss, fading and shadowing
9. Sustainable channel modeling
10. State estimation





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](#)