



Sustainable Public Transport in Urban Areas and Accident Prevention

Guest Editors:

Prof. Dr. Teik Hua Law

Department of Civil Engineering,
Faculty of Engineering, University
Putra Malaysia (UPM), Serdang
43400, Malaysia

Dr. Choy Peng Ng

Civil Engineering Department,
Faculty of Engineering, Universiti
Pertahanan Nasional Malaysia,
Kem Sungai Besi, Kuala Lumpur
57000, Malaysia

Deadline for manuscript
submissions:
closed (10 December 2023)

Message from the Guest Editors

Dear Colleagues,

In a continent with a high urbanization rate and population density, public transportation is an integral part of many people's daily lives. They provide a reliable and egalitarian alternative to personal transportation. Increased public transportation usage reduces the number of privately owned vehicles, hence lowering greenhouse gas emissions.

In light of the aforementioned development, this Special Issue aims to collect the most recent ideas and emerging research in sustainable transportation in urban areas and crash prevention. Interest-related topics include, but are not restricted to, the following:

- Risk modelling and simulation for analysis of public transport safety.
- Data-driven approaches to evaluating and managing public transport safety.
- Road safety and urban public transport mobility patterns.
- Roles of human and environment factors in public transport safety.
- The impact of emerging technologies on public transport safety.
- The application of big data to enhance public transport safety.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)