

Special Issue

Modeling of Traffic Flow and Sustainable Safety Management for Automated Driving

Message from the Guest Editors

Within transport sciences, great emphasis is placed on the transport infrastructure itself. One of the fundamental components of the use of transport infrastructure and the view of future development is traffic flow modeling and operation of autonomous vehicles. Intelligent Transport Systems also require high operation and maintenance costs, which is just as important as the development of new systems. Furthermore, complex applications should be considered regarding the mobility solution design, operation, and maintenance. Due to the complexity, the application of automated driving vehicles should respect a wide range of technological aspects. This Special Issue also aims at the ethical, legal, and other aspects of the application of mobility with regard to the safety, reliability, modeling, and others with impact on autonomous mobility. This Special Issue therefore welcomes research papers, experimental studies, test results, and new approaches in the field of sustainable autonomous mobility in terms of safety and traffic modeling. We look forward to your contribution.

Guest Editors

Dr. Tomas Tichy

Dr. Jiri Broz

Dr. Jiri Ruzicka

Deadline for manuscript submissions

closed (8 November 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/198884

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)