

Special Issue

Road Safety Modeling and Engineering towards Advanced and Sustainable Transportation

Message from the Guest Editors

Safety for transportation systems is one of the main requirements to enable sustainable development and increase accessibility to satisfy mobility needs. This Special Issue call for papers that are relevant to the implementation of road safety towards advanced and sustainable transportation. The topics include, but are not limited to: **Data** collection and analysis for safety evaluation:

- In-service vehicle monitoring;
- Traffic and safety observation with advanced tools.

Modeling approaches to identify risk in road traffic:

- Simulation studies for impact assessment to support solutions;
- Driving monitoring to improve safety;
- Road safety indicators.

Safety **solutions** for road users and road managers:

- Vulnerable road users (e.g., pedestrian, cyclists, motorcyclist, etc.);
- Solutions for road vehicles to reduce accidents.

Policies and systems for road safety:

- Protection of vulnerable road users;
- Urban policies;
- Enforcement systems.

Impact of vehicle innovation on safety:

- Advance driver assistance system (ADAS);
- Cooperative, connected, and automated mobility (CCAM).

Guest Editors

Dr. Francesco Paolo Deflorio

Dr. Angela Carboni

Dr. Gianfranco Fancello

Dr. Patrizia Serra

Deadline for manuscript submissions

closed (8 November 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/169315

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)