

Special Issue

Driving Behavior Analysis and Traffic Modelling for Sustainable Smart Mobility Systems

Message from the Guest Editors

The Special Issue entitled “Driving Behavior Analysis and Traffic Modelling for Sustainable Smart Mobility Systems” aims to collect original research papers focusing on driving behavior analysis and new approaches to traffic modelling, in the era of new smart mobility systems, that incorporate aspects of connectivity and cooperation of traffic. Driving behavior is at the core of all mobility systems, even in future scenarios that involve autonomous driving, and therefore the understanding of driving behavior adaptation in mixed traffic situations and the application of new approaches in traffic modelling are vital for the design and operation of sustainable new mobility systems. This Special Issue aims to enhance the existing literature in the field by promoting the use of advanced machine learning and deep learning techniques to solve related problems, as well as the use of novel datasets.

Guest Editors

Dr. Eleni Mantouka

Department of Transportation Planning and Engineering, School of Civil Engineering, National Technical University of Athens, Zografou Campus, Zografou, Greece

Dr. Panagiotis Fafoutellis

Department of Transportation Planning and Engineering, School of Civil Engineering, National Technical University of Athens, Athens, Greece

Deadline for manuscript submissions

31 October 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/219705

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)