



Selected Problems Arising in the Development of Sustainable Transport Systems

Guest Editor:

Prof. Dr. Grzegorz Sierpiński

Department Transport Systems,
Traffic Engineering and Logistics,
Faculty of Transport and Aviation
Engineering, Silesian University
of Technology, Krasińskiego Str.
8, 40-019 Katowice, Poland

Deadline for manuscript
submissions:

closed (31 October 2024)

Message from the Guest Editor

Sustainable development should be based on the identification of needs, taking the limited amount of natural resources into account and initiating technological development. The growth of cities is strongly linked to how transport systems functions. The choices made by the travelling population pertaining to how one travels, by what means of transport, by which transfer routes, etc., globally translate into the negative impact of transportation which takes diverse forms, but is primarily in the form of the emission of harmful substances, noise and the resulting traffic obstructions caused by congestion. In line with guidelines, minimisation of the negative environmental impact of transportation cannot be pursued through limiting mobility, but rather through the efficient utilisation of natural resources. The task of improving transport systems to achieve sustainable mobility requires an adequate information transfer as well as systems capable of supporting the integration of operations. The aim of this Special Issue is to present, exchange and compare various practical solutions on how to organize and improve transport systems in regard to sustainable development.





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](#), [RePEc](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)