Special Issue

Sustainable Transport Research and Railway Network Performance

Message from the Guest Editors

This Special Issue aims to expand scientific knowledge regarding the technology and organization of transport in the railway network. Topics of interest focus on research related to the sustainability and efficiency of the rail network; the organization and planning of passenger and freight rail transport; research on the demand for rail transport services: transportation forecasting; traffic management and ensuring the safety of railway operations; improving the efficiency of train timetables; capacity management; multimodal and intermodal transport; the study of railway corridor performance; connectivity and mobility; high-speed rail technologies; energy saving in railways; urban rail transport; and light rail or metro systems. This Special Issue welcomes the submission of articles that employ methods such as mathematical modelling and optimization, simulation modelling, statistical analysis, multi-criteria decision making, multi-objective optimization, game theory, neural network, fuzzy systems, etc., in order to conduct research on sustainable transport and railway network performance.

Guest Editors

Prof. Dr. Svetla Stoilova

Faculty of Transport, Technical University of Sofia, 8 Kl. Ohridski Blvd.,1000 Sofia, Bulgaria

Prof. Dr. Borna Abramović

Department of Railway Transport, University of Zagreb, P-1, Facility 70, ZUK Borongaj, Zagreb, Croatia

Deadline for manuscript submissions

31 March 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/185458

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

