



Sustainable Road Construction Materials: Challenges & Innovations

Guest Editors:

Dr. Volodymyr Gunka

Dr. Iurii Sidun

Dr. Yuriy Demchuk

Dr. Yuriy Prysiazhnyi

Deadline for manuscript
submissions:

28 February 2025

Message from the Guest Editors

In this Special Issue, we aim to highlight significant research findings and advancements related to recycled and sustainable road construction materials. Topics will include, but are not limited to, the following:

Challenges in Recycling Road Construction Materials;
Additives and Modifiers for Bitumen and Asphalt Concrete;
Alternative Mineral Aggregates and Fillers for Asphalt Concrete;
Warm Asphalt Mixtures;
Bitumen Emulsions for Cold Asphalt Technologies;
Ecological Materials for Cement Concrete;
Stabilization and Strengthening of Road Structure Soils;
Innovative Approaches to the Utilization/Recycling of Waste from Road Construction Materials;
Lifecycle Assessment of Sustainable Road Materials;
Smart Materials in Road Construction;
Technological Innovations in Road Material Recycling.

This Special Issue seeks to provide a comprehensive overview of the current state of research and practical applications in the field of recycled and sustainable road construction. We believe that the insights and innovations presented here will contribute significantly to the advancement of sustainable practices in the road construction industry.





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, AGRIS, RePEc, CAPlus / 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)