



## Sustainable Design, Evaluation and Optimization of Eco-Friendly Construction Materials

Guest Editors:

**Prof. Dr. Shaopeng Wu**

**Dr. Chuanming Sun**

**Dr. Hanqi Liu**

**Dr. Anqi Chen**

Deadline for manuscript  
submissions:

**28 February 2025**

### Message from the Guest Editors

Dear Colleagues,

With the development of urbanization and modernization globally, the eco-friendly construction of infrastructure has raised increasing concerns in the fields of advanced pavement material and urban culture design. Obtaining the eco-friendly construction materials could promote the implementations of sustainable road development, while ecologically cultural construction in the field of urban infrastructure would deepen the public's consciousness for sustainability implementation. Both aspects are important ways to accelerate the development and implementation of sustainable roads in hardware and software, respectively.

The Special Issue aims to investigate the feasibility of eco-friendly infrastructure construction and sustainable urbanization development from two aspects: the initial inner performances and the external appearance properties of the material itself, respectively. Hence, the Special Issue relates to the topics of transportation technology, material science, ecologically cultural development, and road construction and planning.

We look forward to receiving your contribution.





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](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)