



an Open Access Journal by MDPI

# **Sustainability in Pavement Materials and Design**

Guest Editors:

### Prof. Dr. Vítor Antunes

Faculty of Engineering, Lusófona University, Campo Grande 376, 1749-024 Lisboa, Portugal

#### Dr. Ana Cristina Freire

Laboratório Nacional de Engenharia Civil, Av. do Brasil, 101. 1700-066 Lisboa, Portugal

#### Dr. José Neves

CERIS, Department of Civil Engineering, Architecture and Georesources, Instituto Superior Técnico, Universidade de Lisboa, Avenida Rovisco Pais, 1049-001 Lisbon, Portugal

Deadline for manuscript submissions: closed (26 September 2024)

### Message from the Guest Editors

This Special Issue focuses on eco-efficient pavement design and sustainable materials for paving solutions, aiming to reduce the use of natural resources and the amount of waste generated during construction and maintenance actions. It aims to cover eco-efficient design solutions that can ensure that sustainable development aligns with international goals, which is in line with the aim of the journal *Sustainability*.

In this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not limited to the following:

- Bio-Green-Circular economy by creating value to the products using bio-based solutions or recycled materials.
- Eco-efficient pavement design considering the sustainable management and efficient use of natural resources for the low-impact development of economies.
- Life cycle cost analysis (LCCA) of solutions.
- Multi-recycling capacity of materials.
- The application of rejuvenators to recover materials' properties and add value.
- Paving materials for bound and unbound layers.



mdpi.com/si/106972





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