



Pavement Sustainability

Guest Editors:

Dr. Krishna Prapoorna Biligiri

Associate Professor, Civil & Environmental Engineering, Indian Institute of Technology Tirupati, Tirupati, Andhra Pradesh 517506, India

Dr. David Woodward

Reader in Infrastructure Engineering, Ulster University, Jordanstown Campus, Newtownabbey, County Antrim BT37 0QB, Northern Ireland

Prof. Dr. Hosin (David) Lee

Department of Civil and Environmental Engineering, University of Iowa, Iowa City, IA 52240, USA

Deadline for manuscript submissions:
closed (31 October 2021)



Message from the Guest Editors

This special issue aims to publish the high-quality research papers as well as state-of-the-art review articles that focus on sustainability aspects in designing, building and managing pavements. The papers in this special issue should be focused on various advances that have taken place worldwide in sustainable pavement technologies. It is envisaged that the papers will encompass a wide range of topics: sustainable materials for use in pavement structures to lower the cost while saving the environments, laboratory and field tests of sustainable paving materials, smart and automated paving equipment, and automated pavement evaluation using emerging technologies such as drones.

This Special Issue is very timely and will encompass emerging technology topics including but not limited to the following:

- Recycled pavements;
- In-place recycling;
- High-friction pavements;
- Quiet pavements;
- High-performance thin overlay;
- Warm and cold mix asphalt;
- Porous/pervious pavements;
- Automated pavement construction;
- Automated pavement evaluation;
- Deep learning pavement management systems;
- Smart pavements for smart cities;
- Asphalt-rubber/rubberized asphalt.



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group,
Department of Natural Resources
and Environmental Engineering,
School of Mining Engineering,
University of Vigo, 36310 Vigo,
Spain

Message from the Editor-in-Chief

You are invited to contribute a research article, review or short communication for consideration and publication in *Infrastructures* (ISSN 2412-3811). There is no restriction on the length of the papers. *Infrastructures* is published in open access format. The scientific community and general public have unlimited free access to the content as soon as it is published. *Infrastructures* is supported by the authors by the payment of article processing charges for accepted manuscripts. Please consider *Infrastructures* as an exceptional opportunity to publish your work.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Civil*) / CiteScore - Q1 (Building and Construction)

Contact Us

Infrastructures Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/infrastructures
infrastructures@mdpi.com