



Sustainable and Digital Transformation of Road Infrastructures

Guest Editors:

Dr. Hugo Silva

Department of Civil Engineering,
University of Minho, Campus de
Azurém, 4800-058 Guimarães,
Portugal

Dr. Joel R. M. Oliveira

Department of Civil Engineering,
University of Minho, Campus de
Azurém, 4800-058 Guimarães,
Portugal

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

The present Special Issue aims to gather a series of manuscripts related to sustainable road infrastructures and their digital transformation. We invite submissions on recycled, bio-derived, and alternative sustainable materials; low energy-consuming technologies; and the life-cycle assessment of road paving technologies and materials. The road infrastructure of the future should be prepared for the demands of climate change and sustainability challenges. New digital technologies and intelligent materials are essential to achieve that objective, as they sense and monitor the road to obtain real-time data and improve asset management. Therefore, manuscripts focusing on digital twins, BIM, augmented reality, sensing and monitoring, AI, machine learning, big data, IoT, or the social aspects of their use in transport infrastructure are welcome. Additionally, papers concerned with the policies and implementation of sustainable and digital practices would be appreciated.





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: CiteScore - Q2 (*Building and Construction*)

Contact Us

Infrastructures Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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