



Road Traffic and Pavement Engineering toward Sustainable Development

Guest Editors:

Prof. Dr. Hernán Gonzalo-Orden

Department of Civil Engineering,
University of Burgos, 09001
Burgos, Spain

hgonzalo@ubu.es

Dr. Heriberto Pérez-Acebo

Mechanical Engineering
Department, Faculty of
Engineering of Bilbao, University
of the Basque Country UPV/EHU,
Pº Rafael Moreno Pitxitxi, 2, 48013
Bilbao, Spain

heriberto.perez@ehu.eus

Deadline for manuscript
submissions:

31 December 2021

Message from the Guest Editors

With the growing concern about climate change, major efforts are being introduced in all fields that produce greenhouse gases (GHG). In the field of road transportation, efforts are oriented to develop two main areas: sustainable roads and efficient road transportation.

With regard to sustainable roads, research is focused on the production of new long-lasting materials in pavement construction, introduction of more sustainable materials (as a result of introducing waste materials, for example), better management of pavements and maintenance and rehabilitation techniques, etc. The development of energy-harvesting pavements is another way of creating greener road infrastructures.

On the other hand, efficient road transportation of passenger and freight aims to implement road traffic policies as well as innovative mobility services and solutions aiming to reduce pollution and, at the same time, support the present road transportation demands. This objective can be developed by means of any of the smart and emerging technologies (shared mobility, cooperative driving), intelligent transportation systems (ITS), digitalization, new policies, model simulation, use of big data, etc.





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. The journal publishes original research articles, reviews, conference proceedings (peer-reviewed full 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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[@Sus_MDPI](https://twitter.com/Sus_MDPI)