Special Issue

Evaluation of the Environmental Impact of Road Construction and Maintenance Activities

Message from the Guest Editor

The current crisis due to the COVID-19 pandemic has affected different business practices around the world and will impact on future approaches to transport infrastructure. The experience to date reveals that users are changing. In cities and urban environments, a reduction in traveled distances and a modal shift to private light transportation mode have been observed. Under such conditions, road managers should modify their approach to both the construction and maintenance of roads. The effects have a range of impacts: they will probably reduce construction activities and encourage maintenance and rehabilitation works; these initiatives will promote environmental responsibility and encourage the development and diffusion of environmentally friendly technologies and policies in order to reduce their environmental impacts. These positions stimulate both industrial competition in seeking technologies ensuring environmentally friendly solutions and political initiatives to promote effective and real results: the evaluation of burdens using quantitative methodologies permits comparisons of equivalent materials/products/procedures and identification of those with less impact.

Guest Editor

Prof. Dr. Antonio D'Andrea

Department of Civil Building and Environmental Engineering, Sapienza University of Rome, 00185 Rome, Italy

Deadline for manuscript submissions

closed (28 February 2022)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/77356

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

