

Special Issue

Pavement Design, Analysis and Material Characterization

Message from the Guest Editor

Pavements are multirole transportation infrastructure assets. It is necessary to analyze structural performance and sustainability in pavement construction. The selection of appropriate materials requires a deep knowledge of rheology, solid mechanic, numerical, and statistical modeling. New research is thus required to update methodologies in the structural design and analysis of pavements considering current and future issues. The purpose of this Special Issue is to cover various subjects related to the structural and environmental design and analysis of pavement systems. In addition, various characterization methodologies and approaches to modeling will be considered. Studies of the materials used in different pavement alternatives, such as asphalt, concrete, and concrete block, will fall within the scope of this Special Issue. In addition, since pavements are not only designed for roads, research on airport and port pavement design and materials will be highly appreciated. This call is an invitation to all pavement engineers, material researchers, contractors, and users to contribute with your experience and the results of your research and consultancy projects.

Guest Editor

Dr. Ali Jamshidi
School of Engineering and Science; University of the Sunshine Coast;
Queensland 4556, Australia

Deadline for manuscript submissions

closed (30 June 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/49902

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



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)