

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

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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

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