

Special Issue

Sustainability in Pavement Design and Pavement Management

Message from the Guest Editors

Articles are welcome on this Special Issue which enhance stakeholders' capacity to make strategic and more informed decisions regarding the design, construction, M&R and operation of road and airport pavements that would ultimately enhance the sustainability of transportation systems. Specifically, the studies of this Special Issue are expected to address cutting edge research and development in the following topics:

- Pavement design methodologies.
- Construction techniques and strategies.
- Rehabilitation, preservation, and maintenance strategies.
- Pavement Management Systems.
- Pavement maintenance optimization models.
- Pavement performance prediction models.
- User costs models.
- Life-Cycle Cost Analysis.
- Life-Cycle Assessment.
- Social Life-Cycle Assessment.
- Life-Cycle Sustainability Assessment.
- Triple Bottom Line Sustainability Analysis.
- Context-Sensitive Life Cycle Inventory Data.
- Multicriteria Decision Making Methods.
- Artificial Intelligence applied to pavements.
- System Dynamics.
- Agent-Based Modeling.
- Operational Research Methods applied to pavements.
- Other advanced analytical and computational techniques applied to pavements.

Guest Editors

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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

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