

Special Issue

Pavement Sustainability

Message from the Guest Editors

This special issue aims to publish the high-quality research papers as well as state-of-the-art review articles that focus on sustainability aspects in designing, building and managing pavements. The papers in this special issue should be focused on various advances that have taken place worldwide in sustainable pavement technologies. It is envisaged that the papers will encompass a wide range of topics: sustainable materials for use in pavement structures to lower the cost while saving the environments, laboratory and field tests of sustainable paving materials, smart and automated paving equipment, and automated pavement evaluation using emerging technologies such as drones. This Special Issue is very timely and will encompass emerging technology topics including but not limited to the following:

- Recycled pavements;
- In-place recycling;
- High-friction pavements;
- Quiet pavements;
- High-performance thin overlay;
- Warm and cold mix asphalt;
- Porous/pervious pavements;
- Automated pavement construction;
- Automated pavement evaluation;
- Deep learning pavement management systems;
- Smart pavements for smart cities;
- Asphalt-rubber/rubberized asphalt.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2021)



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