



Sustainable Road Pavement Material and Technology

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Message from the Guest Editors

Dear Colleagues,

The Special Issue is focused on sustainable road pavements, which have been a critical concern for several decades. They were heralded by the appearance of “long-life pavements”, as opposed to “durable” pavements, which implied the concept of satisfactory pavement performance. Long-life properties are considered achievable by using sustainable and environment-friendly paving materials and corresponding paving technologies. Usually, these sustainable methods can be obtained in several ways: 1. Reducing the production of waste; 2. Reusing construction wastes; 3. Applying functional bituminous materials; 4. Using various kinds of bio-based materials as construction materials; 5. Applying energy-saving technologies.

This special issue topics of interest include but not limited:

- Preparation and characterization of sustainable bituminous materials;
- Thermorheological behaviors of sustainable bituminous materials;
- Energy-saving paving technologies;
- Carbon footprint analysis and life-cycle assessment studies.

We look forward to receiving your contributions.

Dr. Yang Kang and Prof. Dr. Zengping Zhang
Guest Editors





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Editor-in-Chief

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Message from the Editor-in-Chief

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