

Special Issue

Development and Performance of Asphalt Mixtures to Address Environmental Challenges

Message from the Guest Editors

This Special Issue of *Applied Sciences* aims to collect the most recent scientific research and field applications regarding asphalt mixtures' sustainability. Researchers and practitioners/professionals are invited to submit original research papers, review articles, and case studies. Aspects such as feasibility and possible drawbacks should be discussed from laboratory and field indications. Additionally, costs should be on the table. Topics to address environmental challenges include, but are not limited to:

- Development of asphalt mixtures (innovative materials and technologies; re-use/recycling);
- Design of asphalt mixtures;
- Mechanical performance of asphalt mixtures;
- Field applications of asphalt mixtures;
- Rehabilitation of asphalt layers (future recyclability);
- Life-cycle analysis and sustainable rating systems.

Keywords: asphalt mixtures; sustainability; mechanical performance; construction feasibility; life-cycle analysis

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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