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Advances in Renewable Asphalt Pavement Materials

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Deadline for manuscript submissions:

31 August 2024

Message from the Guest Editors

Dear Colleagues,

At present, asphalt mixture productions are progressively moving towards "green" and more sustainable solutions, aiming to minimize environmental impact and energy consumption. As a result, renewable asphalt pavement materials have gained the increasing attention of pavement researchers and engineers.

This Special Issue of "Advances in renewable asphalt pavement materials" covers general topics on renewable asphalt pavement material design and production based on waste material recycling and renewable material additive. This Special Issue will publish full research papers and reviews. Areas to be covered in this research topic may include, but are not limited to, the following:

- Advances in renewable pavement materials produced with RAPs;
- The application of bio-binder in pavement materials to replace asphalt bitumen;
- Recycling tire rubber in pavement materials;
- Recycling waste plastic in pavement materials;
- Pavement construction technology with renewable materials;
- Life cycle assessment on renewable pavement materials.



mdpi.com/si/171997

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Guest Editors

Special Issue



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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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