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Sustainable Pavement Materials and Their Performance Evaluation

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Deadline for manuscript submissions:
10 September 2024

Message from the Guest Editors

In recent years, there has been a growing focus on pavement design and corresponding material performance evaluations. This topic aims to highlight the use of alternative materials that minimize the consumption of natural resources and reduce waste generation. First, research papers could address the characterization of pavement materials, molecular simulations, microscopic characterization for bituminous materials' modification, and the evaluation of pavement performance and durability. Next, topics and research on novel pavement design methods are welcome, such as incorporating porous pavements or warm-mixed asphalt technology. Additionally, effective techniques for pavement recycling, rehabilitation, and maintenance would be valuable contributions.

We invite you to share your latest research in this Special Issue of Materials. Research areas may include (but are not limited to) the following:

Keywords

- reclaimed asphalt pavement (RAP)
- performance evaluation
- life cycle analysis (LCA)
- bio-asphalt
- recycled concrete pavement (RCP)
- warm-mix asphalt (WMA)

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Message from the Editor-in-Chief

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