



Research and Application of Recycling Asphalt Materials

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Recycling asphalt materials creates a sustainable cycle of reusing non-renewable materials, which lowers the demand for natural resources, providing economical savings and environmental advantages. Sustainability in asphalt materials might be divided into two groups. The first group comprises recycled asphalt materials. The second group includes all types of recycled materials, added to asphalt mixtures to replace asphalt binder, or aggregate partially. Researchers and practitioners must face certain challenges such as quality and performance of recycled asphalt binders and asphalt materials with recycled products. This Special Issue examines the advances, properties, performance, characterization, design, testing, and practical application of recycled materials in asphalt pavements. Topics for contributions including: Reclaimed asphalt and shingles; Performance of asphalt binders modified with recycled materials; Performance of asphalt mixtures with the addition of recycled materials; Compatibility between the asphalt binders and recycled materials; Combination of sustainable materials for asphalt pavement; Asphalt mixtures with high recycled material content.





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