

Special Issue

The Application of Waste Materials in Pavement Construction

Message from the Guest Editors

Pavement construction is an essential part of modern infrastructure. However, traditional pavement construction materials require significant amounts of natural resources and energy to produce, leading to a significant environmental impact. In recent years, The use of waste materials in pavement construction has gained increasing attention due to its potential to reduce the environmental impact of traditional pavement construction methods. These waste materials offer several benefits, including reduced resource consumption, decreased landfill waste, and improved pavement performance. The scope of this Special Issue encompasses a wide range of waste materials that can be used in pavement construction, including recycled materials such as reclaimed asphalt pavement (RAP), recycled concrete aggregate (RCA), and recycled glass, as well as industrial by-products such as fly ash, slag, and bottom ash. The Special Issue will cover various aspects of pavement design, construction, and maintenance, including material characterization, mix design, mechanical properties, durability, and environmental impact assessment.

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