



## The Impact of Recycled Materials on Infrastructure Performance and Sustainability

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### Message from the Guest Editor

In recent years, the value of using recycled materials in infrastructure construction has been recognized. These include the following, among others: recycled asphalt and concrete materials; fly ash and foundry sand; glass cullets; crumb rubber; and recycled plastics. The focus of this Special Issue on “The Impact of Recycled Materials on Infrastructure Performance and Sustainability” aims to include up-to-date research articles on recent studies that accomplish the following: (i) explore the impact of using recycled materials in civil infrastructure applications; (ii) utilize new design methods and a performance assessment of mixtures with recycled materials for highway and building construction applications; (iii) address the sustainability contributions of using recycling materials in terms of life cycle economic and environmental impact analysis, LCA, as well as “circular economy” principles; and (iv) develop “low carbon” construction materials considering “environmental product declarations”, EPDs, “cradle to gate” and “cradle to grave” life cycle assessment.





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