



## Sustainable Infrastructure Materials and Systems

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### Message from the Guest Editors

Dear Colleagues,

There is an increasing societal demand and need for sustainability. Pavements provide a substantial opportunity to achieve higher levels of infrastructure sustainability due to their significant footprint within the built environment and because of the enormous volume of materials required. There have been considerable recent advances in technology related to the design and construction of pavements and towards more sustainable materials for pavements. The incorporation of recycled materials has become increasingly common as has the use of technologies such as warm-mix asphalt. Approaches to evaluate the impact of pavement materials and construction activities on the environment, e.g., life cycle assessment methods, and the impact of climate change on pavements have been developed and refined in recent years as well. This special issue will include cutting-edge work that is being conducted by leading researchers on sustainability issues related to pavements, including asphalt, concrete, and unbound layers.

**Keywords:** sustainable ; pavement ; life cycle assessment ; LCA ; recycling ; RAP ; RAS ; WMA ; asphalt ; concrete ; climate change ; resilient ; LCCA





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## Message from the Editor-in-Chief

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