



Sustainable Road Maintenance and Improvement

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Message from the Guest Editors

Road networks form the backbone of economic progress but also come at a tremendous cost. Once a road is built, it must undergo periodic maintenance and improvements to maintain service quality. Over time, these activities can have a significant economic and ecological footprint.

This Special Issue aims to collect the latest and most impactful research in developing sustainable methods for the maintenance and improvement of pavements. Some of the areas within the scope of the Special Issue are as follows:

1. Use of sustainable or recycled materials;
2. Sustainable construction practices;
3. Maintenance, rehabilitation, and preservation of asphalt and concrete pavements;
4. Life cycle cost assessment;
5. Life cycle assessment;
6. Environmental Product Declarations;
7. Applications of AI and ML for the sustainability of pavements;
8. Climate-change-related aspects;
9. Developments in analysis and modeling of pavement maintenance;
10. Other relevant topics.

We look forward to receiving your contributions.





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Message from the Editor-in-Chief

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