

Special Issue

The Future of Road Pavement Materials: Towards the Improvement of Performances and Sustainability

Message from the Guest Editor

In recent years, many innovative materials and techniques have been introduced in the field of road pavements, with the aim of improving performance and reducing the impact on the environment during construction and service life. Indeed, the severe degree of climate change that is occurring on our planet is pushing pavement engineers to find solutions not only to limit the exploitation of natural resources, the generation of wastes, and the emission of pollutants but also to extend the durability of pavements and delay the necessity of maintenance interventions.

This Special Issue aims to collect up-to-date and high-quality studies that deal with the characterization and application of the aforementioned solutions, with a particular focus on the following topics:

- Advanced materials for increasing the performance and durability of asphalt binders and mixtures;
- Recycling of marginal materials and by-products from industrial processes in asphalt pavements;
- Bio-binders, bitumen extenders, and replaces;
- Structure performance, design, modeling, and service life prediction;
- Advanced trends in rehabilitation and preservation.

Guest Editor

Dr. Edoardo Bocci

Department of Theoretical and Applied Sciences, Università degli Studi eCampus, 22060 Novedrate, Italy

Deadline for manuscript submissions

30 September 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/232151

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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