

## Special Issue

# Sustainability of Pavement Engineering and Road Materials

### Message from the Guest Editors

Since entering the 21st century, the emergence of new functional materials and the development of interdisciplinary research have provided strong support for the design and construction of all kinds of green roads. As a vital and integral component of transportation infrastructure, pavement has a direct and tangible impact on socio-economic sustainability. In recent years, an influx of groundbreaking and state-of-the-art materials, structures, and detection technologies related to road engineering have progressively emerged. This Special Issue encourages the submission of academic, empirical, and case study research focusing on the topics below.

- Green design and construction;
- Applications of novel materials in pavement construction;
- Polymer bonding materials;
- Fiber-modified road materials;
- Drainage pavement;
- Cracking and healing in pavement;
- Asphalt fume pollution prevention and control;
- Automotive exhaust degradation materials;
- Recycling for waste pavement materials;
- Carbon footprint capture of road materials in the whole life cycle;
- Biomass asphalt materials.

We look forward to receiving your contributions.

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### Guest Editors

Prof. Dr. Chaohui Wang

Dr. Qian Chen

Prof. Dr. Ping Li

Prof. Dr. Yuanzhao Chen

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### Deadline for manuscript submissions

28 February 2026



## Sustainability

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

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## Editor-in-Chief

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