



## Sustainability of Pavement Engineering and Road Materials

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Deadline for manuscript  
submissions:

**30 June 2025**

### Message from the Guest Editors

Dear Colleagues,

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.





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## Message from the Editor-in-Chief

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