

## Special Issue

# Sustainable Innovative Solutions for Pavement Construction and Resilient Infrastructure

### Message from the Guest Editors

Recently, the focus of pavement construction has changed from new construction to pavement maintenance and rehabilitation. Various detection methods including ground-penetrating radar have been used for the fast and accurate evaluation of defect areas to decrease maintenance area. To save materials and reduce the burden on landfill, asphalt recycling has become more important and widely used. Hot in-place recycling (HIR) is a process used to recycle 100% of the existing asphalt pavement on site, and it has proven to be one of the most viable and economic rehabilitation techniques that is used for deteriorated asphalt pavement. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Ground-penetrating radar;
- Pavement defect intelligent identification methods;
- Recycled aggregate and its application in road materials;
- Asphalt pavement recycling materials, technology, and equipment;
- Asphalt pavement heating methods.

We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 April 2025)



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### Editor-in-Chief

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