



## Sustainable Innovative Solutions for Pavement Construction and Resilient Infrastructure

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### Message from the Guest Editors

Dear Colleagues,

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.

Prof. Dr. Min Ye  
Dr. Jiyoung Rhee  
*Guest Editors*

# Special Issue





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## Editor-in-Chief

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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.

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