



Advances in Monitoring of Transportation Infrastructures

Guest Editors:

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Deadline for manuscript
submissions:

closed (10 June 2023)

Message from the Guest Editors

It is our pleasure to invite you to submit a manuscript, including original research and review articles on (but not limited to) the following potential themes:

- New sensors and methodologies for monitoring transportation infrastructure and materials.
- Structural performance and degradation modelling and monitoring for pavement and railway infrastructures.
- Analysis of new material degradation, monitoring, and prediction, for durable, resilient, and low-maintenance pavement and railway infrastructures.
- Recycling and sustainable methodologies for transportation infrastructure materials.
- New materials and new elements for environmentally friendly building/construction of road and railway infrastructures.
- Analysis of case studies of failures/anomalies in transportation infrastructures.
- Assessment and performance predictions of transportation infrastructures based on physical models, data-based models, and hybrid models.
- AI-based methodologies for monitoring the transportation infrastructure.
- Challenges on digitalization, development of digital twins, and sustainability assessment of infrastructures.





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Message from the Editor-in-Chief

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