



Application of AI for Non-invasive Assessment Methods to Monitor Surface Transportation Infrastructure

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Message from the Guest Editors

The development and application of artificial intelligence (AI) for interpretation and classification of non-invasive data plays a significant role in robust and unbiased condition assessment of surface transportation infrastructures (STI) such as roads and bridges. The big data obtained from the STI are complex by nature in spectral and spatial variation. Therefore, the analysis of these data are greatly enhanced through the deployment of recent advancements in machine learning (ML) and deep learning (DL). This special issue is dedicated to the use of AI models to aid infrastructure stakeholders evaluate their assets avoiding traditional methods of testing. Authors are encouraged to submit original technical papers, review papers, and data papers to this special issue.

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