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AI-Oriented Sensing for Civil Engineering Applications

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Message from the Guest Editors

In this special issue, we would like to show the various possibilities for utilizing advanced technologies in civil engineering, and therefore, we would like to place the highest emphasis on novelty. Topics include, but are not limited to, the following:

- Application of structural damage inspection and disaster investigation using image analysis with AI
- Application of AI to evaluate deflection and structural damage from vibration measurement results
- Prediction of future conditions or evaluation of current conditions from measurement results using AI
- Applications of advanced sensors, such as optical fiber sensors, which promote the use of AI in civil engineering
- Application of AI to analyze three-dimensional point cloud data in civil engineering
- Application of data platforms that facilitate the use of measurement data with AI analysis.

Dr. Pang-jo Chun

Prof. Yun Mook Lim
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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