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Advanced Sensors for Monitoring and Detection in Geotechnical Engineering

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Message from the Guest Editors

In geotechnical engineering, monitoring and detection technology is the essence of engineering design, long-term safety, and post-disaster reinforcement. In the past decade, with the rapid development of deep-earth and deep-sea resources, the construction and service environment of underground structures have become even more severe, which accordingly poses more challenges for geotechnical testing. Fortunately, benefiting from the emergence of high-performance materials, the invention of new instruments in the field of artificial intelligence algorithms, as well as monitoring and detection technology applied to geotechnical engineering, has led to significant progress in this regard.

In this Special Issue, we sincerely invite you to submit articles exploring cutting-edge research and recent advances in the field of monitoring and detection techniques applied to geotechnical engineering. Theoretical and experimental studies are welcome, as well as comprehensive reviews and survey papers.

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Special Issue



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Message from the Editor-in-Chief

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