Special Issue

New Trends of Digital Technology Application in Geotechnical Engineering

Message from the Guest Editors

Geotechnical engineering stands on the precipice of a transformative era, driven by the rapid integration of digital technology into traditional practices. The profound impact of these advancements offers unprecedented opportunities to enhance the efficiency, accuracy, and safety of geotechnical projects. This Special Issue aims to bring together the latest research, innovations, and breakthroughs that leverage digital technology to revolutionize geotechnical engineering. We welcome original research articles, case studies, and comprehensive reviews focusing on, but not limited to, the following topics:

- Artificial Intelligence and Machine Learning:
- Remote Sensing and Monitoring
- Data Integration and Management
- Digital Twin Technology
- Building Information Modeling (BIM) in Geotechnics.
- Internet of Things (IoT) in Geotechnical Monitoring
- Geospatial Analysis
- Numerical Simulations
- Virtual Reality (VR) and Augmented Reality (AR) in Geotechnics

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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