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Wave and ICT Based Sensing and Characterization

Guest Editor:

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Message from the Guest Editor

The aims of this Special Issue are to highlight the recent advances in sensing and characterization based on waves and ICT in geotechnical engineering. Wave- and ICT-based sensing and characterization can be applied in the fields of subsurface characterization, nondestructive monitoring, offshore and onshore geotechnology, geo-energy recovery, geo-environmental engineering, road and pavement management, and engineered soils. This Special Issue also covers review papers or discussions on conventional and novel sensors based on waves and ICT in sensing and characterization for geotechnical engineering.

- elastic and electromagnetic waves
- information and communication technology (ICT)
- geophysical surveys
- geotechnical properties and parameters
- geotechnical imaging
- machine learning
- mobile measurement systems
- wearable and wireless equipment
- smart communication
- non-destructive testing
- numerical analysis

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Message from the Editor-in-Chief

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