

Special Issue

Wave and ICT Based Sensing and Characterization

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

Guest Editor

Prof. Dr. Jong-Sub Lee

School of Civil, Environmental and Architectural Engineering, Korea University, Seoul 02841, Republic of Korea

Deadline for manuscript submissions

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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