

Special Issue

Smart Sensors and Data Analytics for Geotechnical Monitoring

Message from the Guest Editors

Underground monitoring and the related field of data analytics are emerging research areas that stand at the intersection of several disciplines, such as theoretical methods, Internet-of-Things-based sensors, big data, and artificial intelligence. As geotechnical monitoring is so challenging and related data are consistently explosive, smart analytics methods are required to fully exploit data and information obtained from monitoring studies. This Special Issue aims to bring together researchers, academicians, and sector employees from different fields and disciplines to exchange information on research, ideas, and findings concerning monitoring technologies and data analytics in geotechnics. Topics of interest include, but are not limited to, the following:

- Geotechnical investigation using smart sensing technologies;
- Smart sensors for underground monitoring;
- Testing instruments in underground space;
- Underground communication systems;
- AI-based data analytics in geotechnics.

Guest Editors

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Deadline for manuscript submissions

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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

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