

Special Issue

Fiber Optic Sensors for Structural and Geotechnical Monitoring

Message from the Guest Editor

Use of sensors based on fiber-optic technology allows a broad range of applications in the fields of structural and geotechnical monitoring, which can effectively improve the maintenance of infrastructure and the safety of communities. Thanks to its valuable features, such as distributed monitoring, ease and endurance of cabling, long-term stability, reliable response in both static and dynamic regime, fiber-optic technology has already provided innovative and efficient solutions to quite difficult monitoring problems. The worldwide increasing attention on infrastructure and communities with resilience capabilities against natural disasters, has open new and challenging perspective of applications to the use of fiber-optic technology for structural and geotechnical monitoring. This Special Issue aims to collect advances in the development and application of monitoring solutions based on fiber-optic technology for civil and geotechnical engineering works and issues.

Website: http://www.mdpi.com/journal/sensors/special_issues/FOS_Structural_Geotechnical_Monitoring

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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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