

Geotechnical Instrumentation for Landslide Monitoring

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Current state-of-practice for geotechnical and structural instrumentation used during landslide monitoring will be presented by Dr. Melih Demirkan. The presentation will focus on descriptions and specifications for fundamental geotechnical sensors types such as piezometers, inclinometers, extensometers strain gauges etc. During the presentation, features of wireless data logging systems will be discussed including wireless sensor nodes and dataloggers. Automated data monitoring and cloud based database management solutions will be introduced thru access to web based platform.