



## What we do

GEO-Instruments provides geotechnical, structural monitoring services. Our expertise helps owners, operators, and engineers mitigate risk, optimize designs, and document regulatory compliance.

## How we work

GEO-Instruments can partner with the design and construction team or work as an independent consultant. Our work is guided by our values: integrity, collaboration, excellence, and safety.

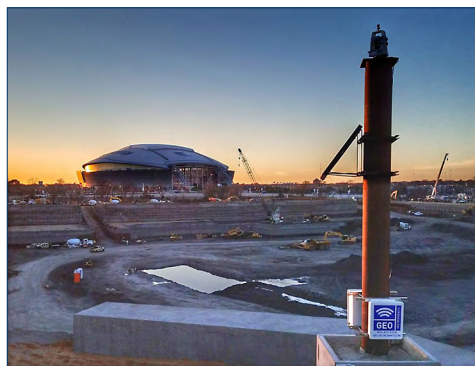
## Who we are

Established in 2003, GEO-Instruments now works from 12 offices distributed across the US and has an international presence in UK, Germany, France, and Poland. GEO became a Keller company in 2017.



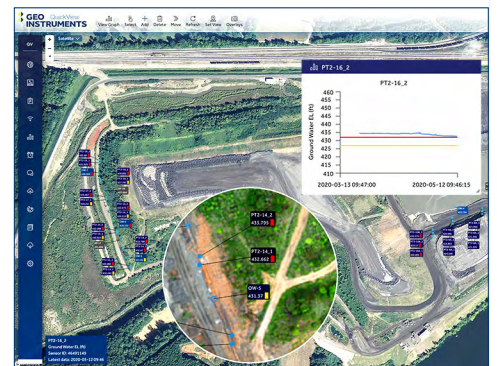
## Innovative Solutions

GEO thrives on challenging projects. We have extensive experience in instrumentation and can deploy a wide range of both traditional and advanced sensing technologies.



## Automated Wireless Monitoring

GEO specializes in automated monitoring. Our rugged weatherproof systems are powered by solar panels and transmit data to GeoCloud servers on the internet.



## Web Access to Data 24/7

GeoCloud project websites check for alarm conditions, send alerts as needed, and store data for quick access, and display customized data visualizations.



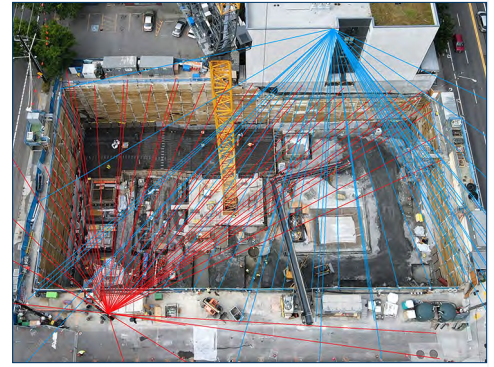
### Settlement

GEO monitors building settlement, surface and subsurface ground settlement, and settlement of underground utilities.



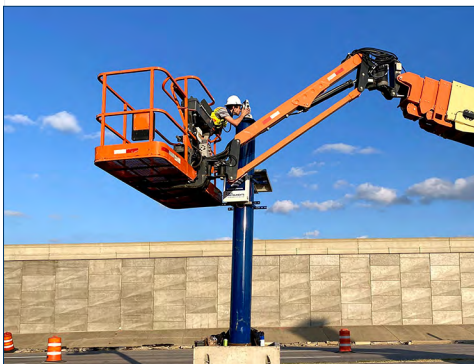
### Structures

GEO monitors renovation and expansion projects, providing early warning of problems and real-time data to guide construction sequences.



### Support of Excavation

GEO-Instruments monitors support of excavation to help maintain safe work areas and minimize impacts to adjacent properties.



### Walls, Slopes, Embankments

GEO monitors retaining walls, embankments, and slopes, providing data for evaluating the effectiveness of earth retention systems.



### Tunnels

GEO monitors tunnels under construction as well as structures, services, and roads along tunnel alignments.



### Bridges

GEO monitors bridge approaches, bents, piers, and superstructures during construction and repairs.



### Vibration, Dust, Noise

GEO monitors vibration, dust, and noise for exceedances to assist compliance to local codes and maintain relations with neighbors.



### Pile Testing Instrumentation

GEO installs and monitors sister bar strain gauges, thermal integrity profile wires, and remote-reading displacement gauges.



### Rail Tracks

GEO monitors rail beds and tracks to help maintain operational safety during construction, repairs, and improvements.