



## FINALLY, A GROUP OF ENGINEERS FOR ENGINEERS

In hard-to-reach places, even the smartest people need help.

## INSTRUMENTATION

Spanning a broad diversity of geoscience technologies and industry applications, RESPEC's instrument designs are tailored to fit your specific applications. RESPEC's engineers have worked with clients in both the public and private sectors to develop instrumentation solutions and custom systems for a variety of industries, including geotechnical monitoring, mine services, environmental monitoring, water quality and quantity monitoring, agricultural monitoring, and irrigation automation. Our systems capture data in real time, for viewing or downloading, using our online data management, reporting, and visualization services.

Our certified team has installed weather stations on volcanoes, monitoring systems in caves, creep-closure detection in mines, custom extensometers and early-warning alarm systems near sinkholes, strain gages on steep granite faces, automated water samplers in raging rivers, and tiltmeters in swamps. RESPEC has the proven expertise to design, fabricate, and deploy simple, economical, and robust instruments with accuracy.

### INSTRUMENTATION CAPABILITIES:

- // Underground Mining Applications
- // Subsidence and Slope Stability Monitoring
- // Surface Water and Hydrogeology
- // High-Resolution Video Monitoring
- // Real-Time Early-Warning Systems
- // Web-Based Real-Time Data Visualization
- // Remote-Data Acquisition

### > CONTACT US

Jay Nopola  
Manager, Mine Geomechanics  
[Jay.Nopola@respec.com](mailto:Jay.Nopola@respec.com)

Eric Krantz  
Instrumentation Engineer  
[Eric.Krantz@respec.com](mailto:Eric.Krantz@respec.com)

RESPEC.COM