



## About Deep Geoscience

Deep Geoscience Co., Ltd. is a leading geophysical consulting firm specializing in high-resolution subsurface investigation for engineering and infrastructure projects. We integrate advanced survey techniques with state-of-the-art data processing and modeling technologies to deliver accurate, reliable, and actionable subsurface insights.

## Our Core Strengths

- ✓ High-resolution data acquisition
- ✓ Automated, cloud-based processing
- ✓ Reliable subsurface characterization
- ✓ Advanced inversion & modeling
- ✓ Engineering-focused interpretation
- ✓ Consistent quality control

### Electrical Resistivity Tomography (ERT)

Accurate subsurface characterization using high-resolution electrical resistivity surveys. Ideal for geotechnical assessments and complex investigation projects.

### Multichannel Analysis of Surface Waves (MASW)

Evaluating shear wave velocity profiles to assess soil stiffness and stratigraphy, supporting seismic site classification and risk-informed design.

### Ground Penetrating Radar (GPR)

Non-destructive imaging for precise detection of buried utilities, voids, and structural anomalies, enhancing site investigation efficiency.

### Advanced Data Processing

Leveraging cloud-based DGS-INV2DERT technology for pattern-constrained inversion and automatic noise correction to ensure model reliability.

**27**

PROJECTS DELIVERED

**179**

PROFILES COMPLETED

**68+ km**

SURVEY LENGTH