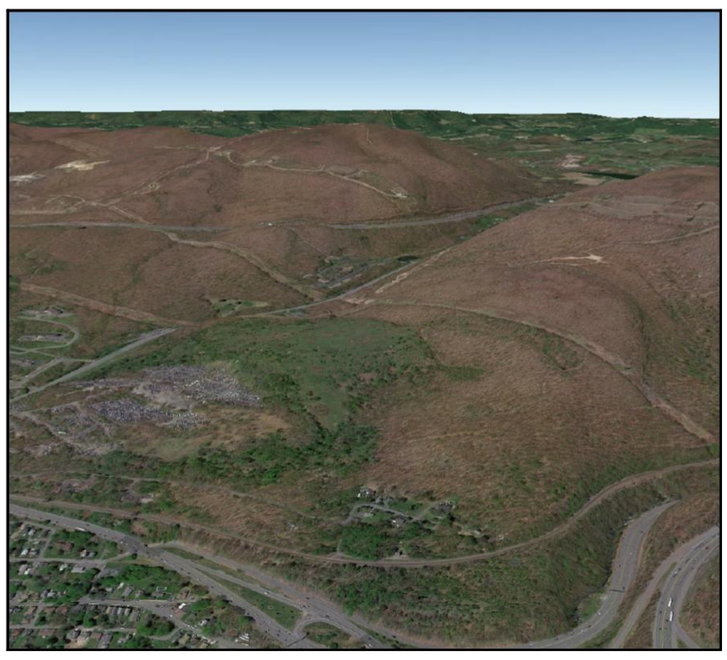
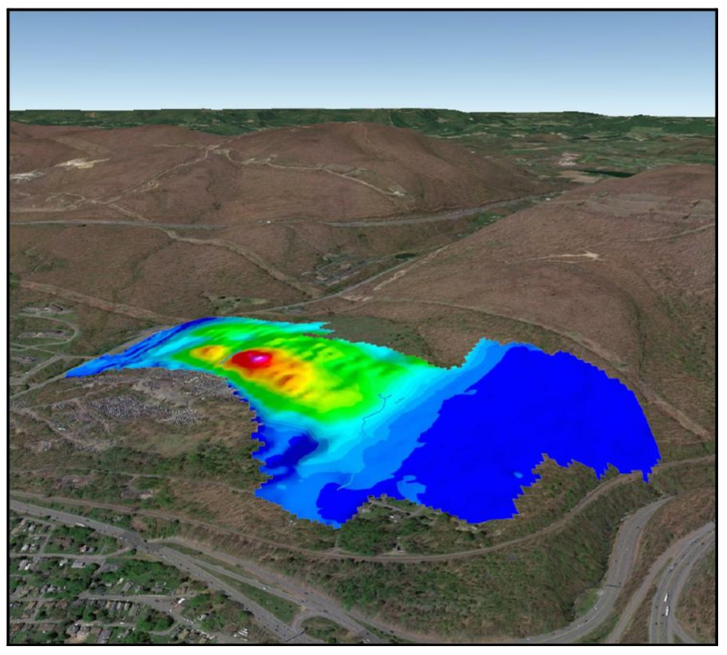
GEOPHYSICS REVEALS HIDDEN RISKS

Helping Projects **Avoid Delays** and **Costly Surprises**

What lies beneath: exploration via non-invasive geophysical investigations to gather subsurface data at disturbed lands.





Intro

Renewable energy projects on disturbed lands face hidden subsurface risks that can cause costly delays. Non-invasive geophysical surveys provide critical data to identify hazards early, enabling smarter site planning and risk mitigation.

Methods

Multiple methods available including magnetometry, GPR, and electromagnetic surveys, and resistivity to map subsurface features non-invasively.

Results

- Geophysics reveals subsurface hazards early.
- Prevents redesigns and delays.
- Maps landfills, wells, and buried infrastructure.
- Improves site planning with data-driven insights.

Discussion

Geophysics enhances risk mitigation in renewable energy projects by identifying subsurface hazards before development. Integrating these methods into site assessments improves decision making and project efficiency.

Develop with Confidence

Panel rack installed over oil well casing found using geophysics

Method	Applications
Magnetometry	Oil/gas sites, landfills, cultural resources
GPR	Oil/gas sites, utilities, cultural resources
Electromagnetics	Landfills, contamination, subsurface mapping
Resistivity	Landfills, karst, mining

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