

# GEOPHYSICS ASSISTING GEOTECHNICAL PROJECTS

WEDNESDAY, JUNE 19 | 11 AM – Noon | Zoom

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## Three Case Studies Where Geophysics Narrowed Geotechnical Investigations

- Redevelopment at a closed mine site
- A distressed dam
- A wind farm

## Biography

Jeremy Strohmeyer is a senior project manager at hydroGEOPHYSICS, Inc. (HGI), overseeing projects related to hydrological, environmental, and engineering issues. He values effective communication to tailor subsurface investigations. With extensive experience in surface, underwater, and borehole geophysical methods, Jeremy specializes in seismic methods like refraction, reflection, and surface wave techniques. He has conducted dam investigations to map bedrock topography, weathered rock zones, seepage zones, and voids. In karst environments, he locates caves, sinkholes, and fractures. Jeremy also assists state DOTs and municipalities in identifying voids beneath pavement, utilities, and old storage tanks and determining landfill extents and volumes. Licensed in Arizona, Kansas, Missouri, North Carolina, and Washington, Jeremy is active in organizations such as EEGS, AEG, and SEG. He holds a BS and MS in Geology and Geophysics from the University of Missouri-Rolla, with his master's research focused on locating potable water resources in South Africa.



**JEREMY STROHMEYER**  
Senior Project Manager  
hydroGeophysics

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