Engineering Geophysics

Imaging in Karst Terrain

Bridge Decks and Pavements
- Assessing condition of bridge decks and pavements

Earthquake Engineering
- Determining in-situ engineering properties of soil/rock

Mapping Landfills
- Locating abandoned landfills and mapping existing landfills

PoC: Neil Anderson, Professor, nanders@mst.edu, 573 341 4852

Funding
- Missouri Department of Transportation and other State Entities
- Engineering Firms in Missouri and Adjacent States
- Missouri Municipalities

Keywords
- Ground penetrating radar, multi-channel analyses of surface waves, electrical resistivity tomography, induced polarization, spontaneous potential, metal detectors, side-scan sonar, echo sounding, sub-bottom profiling,

Recognitions
- Numerous Faculty Excellence Awards
- Numerous Outstanding Teaching Awards

Engineering applications of Geophysics