



Winter Dinner Meeting

*The Carolinas Chapter of the
Association of Environmental & Engineering Geologists
Presents Guest Speaker:*



**Nate Saraceno, P.G.
AEG President and
Landslides Program Manager at DiGioia Gray & Associates
Monroeville, Pennsylvania**

PRESENTATION:

LANDSLIDE RECONNAISSANCE & MITIGATION IN APPALACHIA

MEETING DETAILS:

- Place:** Olde Mecklenburg Brewery; 4150 Yancey Road in Charlotte
- Date:** Thursday, January 26, 2023
- Time:** 5:30 PM socializing begins, 7:00 buffet dinner, 8:00 Nate's presentation
- Cost:** AEG and ASCE members \$35, non-members \$45, educators and public-sector employees \$20, students **free** with college ID. *Cost will be \$5 more at the door.*
- Reservations:** Please make reservations with Jen Thomas by 6:00 PM on Monday, January 23 - email: jen@jenntecllc.com. Pre-pay on the News & Events page of our chapter's website -- www.aegcarolinas.org. Students need only to email Jen.
- CEU's:** The NCBLG has pre-approved our chapter meetings for 1 hour of CE.

NATE'S ABSTRACT

The Appalachian region can be generally characterized by steep slopes, relatively shallow surficial soils, and tendency for high-intensity rain events. Because of these factors, it is one of the most naturally landslide-prone areas and has one of the highest incidences of landslides in the United States. In addition, over 25 million people call this region home. Besides the obvious threat to safety, landslides pose a threat to the infrastructure that supports the populations of this and surrounding regions, such as electrical transmission lines that often traverse some of the most remote, steep, and landslide-prone terrain throughout the region. Nate's talk will walk through the phased approach he used for landslide projects at remote locations within West Virginia, Kentucky, and surrounding states, from the initial collection of data and observations through the construction of engineered mitigation.

NATE'S BIO

Mr. Saraceno is an accomplished Professional Geologist and was recently promoted to Landslides Program Manager with DiGioia Gray & Associates. He has 14 years of experience in environmental and engineering geology. Nate is involved in many aspects of geologic and geotechnical engineering projects, including site characterization, foundation design and construction, soil/rock slope risk assessments, and landslide mitigation. He specializes in project management and construction oversight for projects related to foundation construction, ground improvement, mine subsidence, and slope stabilization. Nate also serves as his company's Power Delivery Market Coordinator for the Eastern United States.