



Dinner Meeting

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



**Edward (Ned) Billington, P.G.
Senior Geophysical Manager, ESP Associates**

PRESENTATION:

“GEOPHYSICAL METHODS FOR BEDROCK CHARACTERIZATION”

MEETING DETAILS

- Place:** The Greene Room at Natty Greene’s
345 S. Elm Street, Greensboro, North Carolina
- Date:** Thursday, November 10, 2022
- Time:** 5:30 PM socializing begins, 7:00 buffet dinner, 8:00 Ned’s presentation
- Cost:** AEG members \$35, non-members \$45, educators \$20, students **free** with college ID
- Reservations:** Please make reservations with Paul Weaver by 6:00 PM on Thursday, October 27 - email: pweaver@espassociates.com.
- CEU’s:** The NCBLG has pre-approved our chapter meetings for 1 hour of CE.

Ned Billington's Bio

Ned Billington is the Senior Geophysical Manager at ESP Associates, Inc. with over 30 years of experience applying land, borehole, and marine geophysical methods to transportation, energy, landfills, hazardous waste, geotechnical, geologic hazards, dams, and mining projects. He holds an undergraduate degree in Physics and Geology from UNC-Chapel Hill and a Masters in Geophysical Science from Georgia Tech.

Presentation Synopsis

Geophysics can be a powerful tool for characterizing bedrock, utilizing methods such as seismic refraction, surface wave seismic, resistivity imaging, and borehole logging. Information that can be obtained from geophysical studies includes depth to bedrock, bedrock rippability, characterization of bedrock fractures, and mapping of karst features. Constraining geophysical data with boring data often provides a more effective result and higher value than either method alone. This presentation will review various geophysical methods and show example applications from various environmental and engineering projects.

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Thanks to our chapter sponsors, without which our meeting dinners would be more expensive, and we couldn't offer reduced rates for the public sector employees and teachers, and free dinners for students. Be sure to tell them thanks for supporting AEG and our profession.

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