



Carolinas Chapter Dinner/Meeting in Asheville

*The Carolinas Chapter of the
Association of Environmental & Engineering Geologists presents*

Guest Speaker:



Jennifer Bauer, P.G. of Appalachian Landslide Consultants

Hurricane Helene and Landslides: A Field Based Perspective

Dinner and Talk: 5:30-9:00 PM

Thursday, March 13, 2025

White Labs Brewing, Asheville, North Carolina

Meeting Details

- Place:** White Labs Brewing, 172 S. Charlotte Street, Asheville, North Carolina
Date: Thursday, March 13, 2025
Time: 5:30 PM socializing begins, 7:00 buffet dinner, 8:00 Jennifer's talk
Cost: AEG members \$35; non-members \$50; public-sector employees and teachers \$20.
Registration will be \$5 more at the door. Students free w/ college ID.
Reservations: Please make reservations by 6:00 PM on Friday, March 7, 2025 at
<http://aegcarolinas.org/news/>
Meeting Drink Sponsors: To be announced

Continuing Education: The NCBLG has preapproved AEG Carolinas to offer 1 CE credit for this presentation.

Abstract

Hurricane Helene and Landslides: A Field Based Perspective

On September 26-27, 2024, a Predecessor Rainfall Event, followed by the remnants of Hurricane Helene, passed over the southern Appalachians. Heavy rainfall was concentrated along the high peaks of the Blue Ridge Escarpment and other high-elevation ranges in western North Carolina (WNC). After the storm passed and communications began to be reestablished, geologists with Appalachian Landslide Consultants, PLLC (ALC) began responding to requests for landslide evaluations in WNC. Through these requests from the NC Geological Survey, county Emergency Management, the NC Department of Transportation, as well as private individuals, geologists began to collect empirical observations from the dozens of slope movements visited. The majority of these are classified as debris flows, debris blowouts, or debris or weathered rock slides. This talk will illustrate the different types of landslides triggered by Helene through stories about the people and land that was impacted.

Jennifer's Bio

Jennifer Bauer, P.G. is Co-owner and Principal Geologist of Appalachian Landslide Consultants, PLLC. Prior to starting ALC in 2011, Jennifer was a member of the NC Geological Survey Landslide Mapping Team. She started her career in geology working for Law Engineering (now WSP) in Raleigh, NC in 2001 after graduating from UNC-Chapel Hill. She is a Past President of AEG and member of the AEG Diversity, Equity, and Inclusion Committee and Landslides Technical Working Group.