



Carolinas Chapter Dinner Meeting in Greensboro

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

Guest Speaker:



Vincent Cronin, PhD

2022-2023 Jahns Distinguished Lecturer and Professor Emeritus, Baylor University

**How Can Engineering Geology Help Society Meet the Challenge
of a Changing Climate?**

Dinner and Talk: 6:00-9:00 PM
Thursday, October 19, 2023
Red Oak Brewery, Whitsett, North Carolina

Meeting Details

- Place:** Red Oak Brewery; 6901 Konica Drive; Whitsett, NC
Date: Thursday, October 19, 2023
Time: 6:00 PM socializing begins, 7:00 buffet dinner, 8:00 Vince'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, October 13, 2023 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

How Can Engineering Geology Help Society Meet the Challenge of a Changing Climate?

Global warming affects us all. We are experiencing the most severe drought condition in 1200 years in parts of the western United States. Massive fires in these desiccated areas devastate grasslands, forests, and communities. Supplies of potable fresh water are reduced in many places. Rising sea level places coastal infrastructure and communities at risk, and historic rainfall events cause equally historic floods and trigger landslides. The changing climate can worsen existing problems of environmental justice. How can engineering geology play a constructive role in helping society to find just and effective remedies to these challenges?

Biography

Vince Cronin engages in a broad range of geoscience work. He has served in various capacities in GSA's environmental and Engineering Geology Division, and is a GSA Fellow. He is also a longtime AEG member. Vince worked for the first Jahns Lecturer, Dr. Jim Slosson, as an engineering geologist and consultant on projects involving landslides, active faulting, flooding, coastal/stream erosion, and resource evaluation in the western United States.

Vince is an emeritus professor of geoscience at Baylor University. There and at the University of Wisconsin- Milwaukee, he taught a variety of graduate courses about structural geology, tectonics, and engineering geology, and the core undergraduate courses in physical geology and structural geology. Along with his graduate and undergraduate students, he has used earthquake data, lidar-based geomorphic analysis, GPS geodesy, and fieldwork to locate the ground-surface trace of seismogenic faults.

Vince is the editor of the 11th through 13th editions of the AGI/NAGT Laboratory Manual in Physical Geology (Pearson) and is writing a quantitative primer on plate kinematics. He has contributed to the development of geoethics for about thirty years and currently serves on the executive board of the International Association for Promoting Geoethics (IAPG) as its North American coordinator.