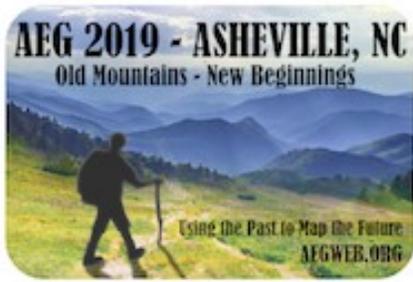
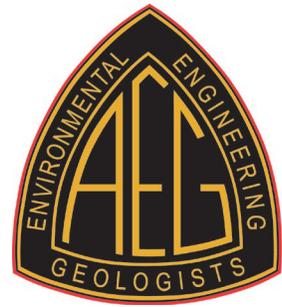


CALL FOR ABSTRACTS



2019 AEG Annual Meeting, Asheville, North Carolina Dam Symposium



Symposium Theme

“The Changing Times of Engineering Geology at Dams and Levees”

The Dams Technical Working Group of the Association of Environmental and Engineering Geologists (AEG) is currently accepting abstracts for presentations for this symposium that will be a minimum of one-day and part of the 2019 AEG Annual Meeting. The presentations for the 2019 AEG Annual Meeting will be held in stunning and vibrant city of Asheville, North Carolina from September 17-22, 2019. Potential topics include (but are not limited to):

- Impacts of climate change on dams (structure, spillway capacity, monitoring, etc)
- Reservoir operations under climate change;
- Storage capacity options to mitigate risk due to extreme weather;
- Effects of climate change & dam construction on riverine ecosystems;
- Environmental impacts of dams & reservoirs;
- Risk Analysis/Risk Informed Decision making related to geology;
- Geologic impacts to dam safety and dam design;
- North Carolina Dam Safety Practice;
- Dam safety evaluations;
- Foundation improvements;
- Investigation techniques and instrumentation;
- Lessons learned from notable case histories;
- Special geologic considerations for off stream reservoirs;
- Landslide impacts on dams;
- Geologic concerns for levee evaluation and design;

This will be the twelfth dams symposium held at an AEG annual meeting. The symposium has historically been one to two and a half days of exciting and relevant presentations about dams and their foundations.

Abstracts should be submitted by **May 1, 2019** and need to follow the criteria on page 2, however, abstracts should **ALSO** be submitted via e-mail to: Visty P. Dalal, at visty.dalal@maryland.gov; and Gary Rogers at grogers@schnabel-eng.com

Abstract submissions will be reviewed and selected for presentation at the conference by the Dams Technical Working Group. Notification of acceptance/rejection will be provided via e-mail by June 1, 2019.

AEG 2019 Annual Meeting Call for Abstracts

INSTRUCTIONS FOR WRITING AND SUBMITTING YOUR ABSTRACT

Font: Type abstract in 10 point Times font.

Title: Bold your title (please do not use all caps for your title). Your title may not be more than 120 characters in length, including spaces. Please capitalize the first letter of all primary words as in the example below.

Author(s): Type last name first, followed by first name, followed Company or Affiliation and email address. All co-authors should be listed as first name, last name and email address only. Group names will not be accepted as an author. Please see example below.

Abstract: Your abstract body is limited to 300 words or less. Tables or photos may be added to your abstract for a fee of \$150.00 each.

Indicate your preferred mode of presentation: Oral, Poster, or Either (meaning no preference).

Invited Papers: If your paper was invited for one of the symposia sessions, please indicate the appropriate session on your submittal.

Please have a backup author prepared to give your presentation should you not be able to attend. Rescheduling presentations after July 1, 2019 is extremely difficult for the Technical Program committee and we would really appreciate your commitment to attending the Annual Meeting for your presentation. Please do not submit an abstract if you do not plan to attend the 2019 Annual Meeting for your presentation. We must receive your meeting registration for the meeting by July 1, 2019 in order for your abstract to be published in the Program with Abstracts.

Your abstract will be reviewed for subject and format appropriateness; notifications of acceptance/rejection will be sent by June 15, 2019.

Please click on the following link to submit your abstract: <http://aegpapers.maniacmonkeymedia.com>

**Username is AEG, Password is Asheville2019 (DO NOT USE YOUR MEMBERSHIP LOGIN)
DEADLINE FOR SUBMITTAL IS MAY 1, 2019.**

SAMPLE ABSTRACT:

“Your Country is Falling Apart” Response to Recent Landslides by the North Carolina Geological Survey

Bauer, Jennifer, North Carolina Geological Survey, jennifer.bauer@ncdenr.gov; Richard M. Wooten; Kenneth A. Gillon; Thomas J. Douglas

Since August 2009, the mountains of Western North Carolina have received 42 inches of rainfall, 16 inches above normal, relieving the region of a two-year drought. These rain events have also increased soil moisture, raised groundwater levels, and triggered over 40 landslide events in the region. As part of its commitment to public safety, the North Carolina Geological Survey has responded to fifteen of these events to evaluate slope stability and provide information to assist state and local agencies and the public. These response efforts have included requests from emergency management officials, erosion control officers, and town planners concerned about the life, health, safety and property of their citizens. Response activities include stability assessment and monitoring of sites during recovery and clean-up efforts; assisting in determining the nature and extent of the slope failures; mapping the affected area and areas that could be affected (e.g. hazard zonation and debris flow inundation modeling), making Geographic Information System (GIS) maps to assist emergency management officials in their response and contingency planning; and communicating findings to the appropriate officials, public, and the media. Mapping and data collected at these sites is incorporated into a slope movement-slope movement deposit geodatabase. All of the slope movements to which the NCGS responded occurred on slopes that have been modified in some way by human activity; four of them have damaged six structures and four threaten homes, one of which has been condemned. This paper will illustrate several of these landslide investigations and responses, as well as give a brief timeline of rainfall events correlating to these slope failures.

PRELIMINARY TECHNICAL PROGRAM

- **Proposed Symposia**
- 3D Modeling and Data Visualization
- Speaking Their Language - Communicating Science with Non-Scientists - Who, Why, and How Symposium
- Climate Resiliency - Bringing Geoscientists and Climate Scientists Together
- Dams (topic TBD)
- Drones for Geologic Applications
- Environmental (topic TBD)
- Environmental Remediation and Geochemistry
- Geophysical Characterization of Groundwater Aquifers and Bedrock Fractures
- Landslides (topic TBD)
- Naturally Occurring Asbestos
- Tunneling

- **Proposed Technical Sessions**
- Complexity in Modern Engineering Geology
- Emerging Contaminants
- Environmental Characterization and Remediation
- Geologic and Geotechnical Site Characterization
- Geologic Hazard Mapping
- Geological Engineering of Transportation Projects
- Groundwater & Karst
- Hydrogeology and Groundwater Investigations
- Mine Reclamation and Geologic Materials
- Risk-Based Methodology for Geologic Applications
- Rockfall Mitigation
- Seismic Hazards – Investigation and Mitigation / Mapping
- Transportation and Infrastructure Projects
- Vapor Intrusion