



**XIII IAEG Congress / AEG Annual Meeting
San Francisco, California, USA
September 17-21, 2018**

Call for Abstracts

The abstract collection system for oral presentations and posters is NOW OPEN!

Please note that the abstract deadline for full-length peer-reviewed papers to be published in the meeting proceedings has passed.

Please submit your abstract for an oral presentation or poster by April 1, 2018. Due to very limited space, this deadline is not likely to be extended. A written paper is not required for this abstract, however, your oral presentation or paper must be presented by the author in San Francisco.

[Submit your abstract here](#)

Website is available in multiple languages, choose alternate language using box in upper right corner of page. Do not login with your AEG username and password.

Username: aeg

Password: sanfrancisco2018

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

Abstract Information:

Font: Type abstract in 10 point Times font.

Title: Bold 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 Length: Your abstract is limited to 300 words or less. Tables or photos may be added to your abstract for a fee of \$150.00 each; however, you may not exceed the spacing requirement of 300 words or less.

Preferred Mode of Presentation: Oral, Poster, or Either (meaning no preference).

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

Registration Requirement: Registration is required to present your oral presentation or poster. Please have a backup author prepared to give your presentation should you not be able to attend. **Please do not submit an abstract if you do not plan to attend the 2018 Annual Meeting for your presentation.** We must receive your meeting registration by July 1, 2018 for the meeting in order for your abstract to be published in the Program with Abstracts.

Abstract Acceptance Letters: Your abstract will be reviewed for subject and format appropriateness; notifications of acceptance/rejection will be sent by May 1, 2018.

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

Symposia (many papers / speakers are invited, however please submit your abstract for consideration to complete a symposium session):

- The new future of engineering geology: advancing the profession and protecting the public through education, licensure, regulatory compliance practice, and guidelines. History, examples, and perspectives. **(Robert E. Tepel)**
- Dams: sedimentation / rivers / failures **(Brian H. Greene, Kerry Cato, Donald Bruce)**
- Oroville Dam **(Holly Nichols)**
- Education & Preservation of Engineering Geology / Recognition / Licensure, Training: IAEG C4 **(Keith Turner, Fred Baynes)**
- Engineers Without Borders presentations **(Bruce Hilton)**
- Hydrogeology **(Lindsay Swain)**
- Landslides: slope stability, rockfall, rock mechanics **(Bill McCormick and others)**
- Land Subsidence **(Michelle Sneed)**
- Lidar / Technology: landslide application of unmanned aerial vehicles (UAV) **(Thomas Oommen)**
- Engineering Geology of Melanges, BIM Rocks, and similar soil / rock mixtures **(Julien Waeber, Ed Medley)**
- Naturally Occurring Asbestos **(Mark Bailey)**
- Aggregates **(Dr. Atiye Tugrul)**
- Groundwater **(Lindsay Swain)**
- Tunnels **(Ike Isaacson, Mike Piepenburg, Paul Headland)**
- California Earthquake Clearinghouse & Mini-Drill for Emergency Response **(Anne Rosinski)**
- Getting the Geology Right – the Practical Application of Engineering Geology Models **(Steve Parry, Jan Novotny and Fred Baynes)**
- Coastal Hazards: Marine & Coastal Processes **(IAEG-C34, Xiaolei Liu, Ph.D, A.P.)**

Technical Session Proposed Topics

- Earthquakes / Faulting: Ground motion / rupture
- Emergency response to Natural Disasters
- Environmental: site characterization, soil and groundwater contamination / remediation
- Groundwater Basin Management, clean water resources
- Geotechnical / Site Characterization for Infrastructure: High Speed Rail, high rise buildings, bay mud, coastal development
- Incremental Sampling Methodology
- Karst Topography
- Mining, Mine Reclamation

- Naturally Occurring Hazardous Minerals: arsenic, mercury, silica, etc.
- Quantifying Climate Change
- Volcanics of Northwest United States and Hawaii, Hydrothermal Energy
- Others not already listed

For more information about the **XIII IAEG Congress / AEG Annual Meeting**, visit our website: <http://www.aegannualmeeting.org>