



**Call for Abstracts**  
**2014 AEG Annual Meeting, Scottsdale, Arizona**  
**Symposium Theme:**

***The Role of Unsaturated Soils in Cutting-Edge Design and Construction of Infrastructure***

The Association of Environmental & Engineering Geologists (AEG) would like to invite you to submit an abstract for presentations to be given at the symposium focused on recent findings and current practice related to **Unsaturated Soils**. This technical program will be part of the 57<sup>th</sup> AEG Annual Meeting held in Scottsdale, Arizona from September 20-28, 2014. Abstracts should be submitted by **May 1, 2014**. Instructions for preparing and submitting an Abstract, along with a good example is available at:

<http://72.16.203.230/aegpapers/>.

Username: AEG

Password: Scottsdale2014

Abstracts should be submitted via AEG (see above) with copies to Claudia Zapata at [czapata@asu.edu](mailto:czapata@asu.edu). Once your submission is accepted, a confirmation notification will be sent via e-mail. **No submission of a formal paper is required**; however, the abstract will be published in the Annual Meeting Program.

Of particular interest to this symposium are topics related (but not limited) to:

- Soil-climate interaction processes
- Liquid, vapor, and heat transport processes
- Impacts of climatic variation on soil properties and stability
- In-situ monitoring of sub-surface moisture and suction
- Implications of soil-climate interactions to design, construction, and performance of infrastructure
- Problematic soils including peat and organic soils, volcanic soil, decomposed soil, collapsible soil and expansive soil.
- Laboratory and field assessment of unsaturated soils
- Thermally-induced volume change in saturated and unsaturated soils
- Strength of saturated and unsaturated soil under non-isothermal conditions
- Characterization of thermally-induced water flow in unsaturated soils
- Soil-structure interaction in energy foundations
- Construction and field monitoring of energy foundations
- Instrumentation of thermally active geotechnical systems
- The role of unsaturated soil characterization and modeling in the development of cost-effective and sustainable disposal solutions for municipal and hazardous waste
- Lessons learned and case histories
- New technologies

For more information, please visit <http://www.aegweb.org/about-aeg/aeg-meetings-events/2014-scottsdale>