

CALL FOR PRESENTATIONS

Purdue Geotechnical Society Workshop

and the

15th G.A. Leonards Lecture

“Climate Change: Impacts and Challenges for Geotechnical Engineers”

Dr. Patricia J. Culligan

Robert A.W. and Christine S. Carlton Professor of Civil Engineering

Columbia University

Friday, April 21, 2017, Krannert Auditorium, Purdue University, West Lafayette, IN

Registration required for workshop and banquet; lecture at 4:30p.m. free & open to the public.

Workshop

“CLIMATE CHANGE AND GEOTECHNICAL ENGINEERING”

Friday, April 21, 2017, 8:00a.m. - 4:00p.m, Purdue Memorial Union

Presentations are invited on geotechnical challenges created by global climate change, including resilience and sustainability of existing as well as future geosystems, needs for new engineering strategies and related methodologies in research, practice and education.

The workshop is an informal forum where engineers, students, and faculty can interact and discuss matters of common interest. Members as well as non-members of the PGS are welcome. The goal is for all participants to share their professional experience through open dialogue and fruitful debate. Short presentations (20 minutes max.) will be scheduled with additional time for questions/discussion. The emphasis is on oral presentations and debate; no written papers will be required, nor proceedings published. Participants will receive abstracts at the meeting and have the opportunity to post highlights of their own presentation on the PGS Web site after the workshop.

Topics of interest include, but are not limited to:

<i>Designing for extreme climatic events</i>	<i>Soil erosion</i>	<i>Coastal resilience</i>
<i>Changes in groundwater patterns</i>	<i>Forecasting and prediction</i>	<i>Flooding of infrastructure</i>
<i>Sustainability of geotechnical solutions</i>	<i>Case histories</i>	<i>Carbon sequestration</i>
<i>THMC coupled phenomena</i>	<i>Models and simulations</i>	<i>Ground modification</i>
<i>Unintended consequences of mitigation</i>	<i>Systems consequences</i>	<i>Implications for education</i>
<i>Risk assessment and management</i>	<i>New roles for geotechnical engineering</i>	

For more information contact Philippe Bourdeau at bourdeau@purdue.edu

INTENTION TO MAKE A PRESENTATION: Send by e-mail an abstract using the attached form by **Friday, February 24.**