



# SPECIALTY GEOTECHNICAL WORKSHOP FOR DAM + LEVEE INVESTIGATIONS + MODIFICATIONS

Fort Lauderdale, FL | Dec 6-8, 2021

AEG and USSD are proud to host this unique workshop to gather together national and international leaders who have been instrumental in solving complex geotechnical problems on dams and levees through proven and unique site investigation methods and construction rehabilitations.

- ⇒ Day one of the workshop is dedicated to geotechnical site investigations and will include in depth discussion of pre-mobilization planning documents required by federal agencies, presentations on best practices, the theory of hydrofracturing and methods of avoiding damaging embankments, special techniques for investigation for liquefaction, and examples of the use of 3D models to plan and execute site investigations and develop potential failure modes.
- ⇒ Day two of the workshop will focus on advanced dam remediation applications and risk assessments to include case studies of complex foundation treatments, instrumentation and data management during construction, and the ongoing transition to risk-informed designs for dam and levee remediations.
- ⇒ Day three of the workshop offers an optional field trip to Herbert Hoover Dike and provides a full day of observation of multiple geotechnical construction techniques and discussion of the applicability of each technique to the differing foundation conditions.

The workshop offers a rare opportunity to hear directly from key professionals in the dams and levees geotechnical profession and to interact with them through roundtable discussions and evening activities. This is the first joint AEG/USSD workshop. Members from either organizations will receive member discounts.



Register Today at: <https://www.aegmeetings.org/>

The health and safety of our attendees is our number one priority. We will continue to work with the hotel to follow CDC Guidelines and update the website as these guidelines change. This is an in-person workshop, limited to 100 attendees.







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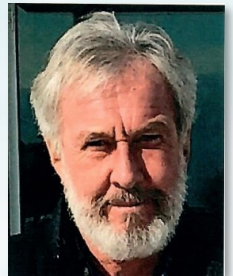
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## Keynote Speakers



**Doug Boyer, Chief, Risk-Informed Decision Making Branch, Division of Dam Safety & Inspections, FERC**

"Overview and Evolution of Geologic and Geotechnical Site Characterization"



**Donald Bruce, President, GeoSystems, L.P.**  
"Review of Specialty Geotechnical Construction Techniques for Dams & Levees"



**Vanessa Bateman, Chief of Civil Works Engineering, Engineering & Construction, Headquarters, USACE**

"Construction Data Management Systems and Lessons Learned"



**Nathan Snorteland, Director, USACE Risk Management Center, USACE**  
"Transitioning to Risk-Informed Designs for Dams and Levees"



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