



USSD Legacy Lecture Series: Dr. Donald Bruce

Monday, April 8(8:30 am – 12:00 noon)

Moderator – Dr. Brian Greene

The Foundations Committee has initiated, in what is hoped to be a continuing series of USSD workshops/seminars, a forum to recognize and highlight the professionals that have pioneered substantial advances in the field of dam safety and dam engineering. These forums are designed to provide an opportunity for esteemed professionals to discuss projects, people, thoughts, and paradigm shifts that led to their advancements. It is an opportunity for the entry level individual and the seasoned professional to listen and learn from these masters of the profession. In addition to the technical presentation, a colleague of Dr. Bruce, Dr. Brian Greene, will lead a one-on-one interview of Dr. Bruce. This will be followed by a time of questions to Dr. Bruce from the audience.

Donald A. Bruce, Ph.D., C.Eng., D.GE, L.G., L.E.G., is President of Geosystems, L.P. He specializes in geotechnical construction processes, particularly anchoring (his Ph.D. dissertation topic), drilling and grouting. He has over 42 years of experience in dam anchoring and works on projects throughout North America and four other continents. Donald is active in many technical committees and is the former Chairman of the Geo-Institute's Grouting Committee and Honorary Chairman of the International Society for Micropiles. He is also an active member of PTI's Committee on Rock and Soil Anchors and is a co-author of the past (1996, 2004) and new (2012) Anchor Recommendations.

In addition, Donald has authored or co-authored more than 300 technical papers for journal and conference publications and is co-author of Dam Foundation Grouting, and a new book Specialty Construction Techniques for Dam and Levee Remediation. Dr. Bruce has won numerous awards, including the Kapp, Baker and Terzaghi Awards from ASCE.

Learning Objectives:

- Examples of the aspects of critical thinking in the understanding and development of solving unique and challenging problems.
- Transfer of knowledge by an esteemed professional through the use of project examples, case histories, and other examples.
- Fostering technical competency



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AGENDA

Time	Topic	Presenter
8:30 to 8:45	Introduction	Dr. Brian Greene
8:45 to 10:00	Technical Presentation	Dr. Donald Bruce
10:00 to 10:15	Break	
10:15 to 11:15	Interview Questions	Dr. Brian Greene
11:15 to 11:45	Audience Questions and Answers	All
11:45 to 12:00	Closing Statements	Dr. Donald Bruce