



OHIO RIVER VALLEY SOILS SEMINAR LIV



ASCE CINCINNATI SECTION – GEOTECHNICAL GROUP
54th ANNUAL OHIO RIVER VALLEY SOILS SEMINAR – CINCINNATI, OHIO
GREAT AMERICAN BALL PARK – HOME OF THE CINCINNATI REDS
NOVEMBER 13, 2024

CALL FOR ABSTRACTS

TOPIC: WATER in GEOTECHNICAL ENGINEERING
KEYNOTE SPEAKER: Mark T. Bowers, Ph.D., P.E., Professor-Emeritus

Civil Engineering Projects within Ohio River Valley and surrounding areas are significantly impacted by water. Geotechnical Engineers are constantly evaluating water-related problems on their projects based on the published theories of water related to Soil and Rock Mechanics. Research has been undertaken relative to the impact water has on strength, compressibility, permeability, scour potential, slope stability, vibrations, etc. Geotechnical Practitioners must apply the knowledge about the presence or absence of water to evaluate slope stability, bearing capacities of shallow foundations, intermediate foundations (mats), and deep foundations (piles, shafts, micropiles, etc.). Water control features such as dams, levees, etc. and waterfront developments require an assessment of water flow, erosive characteristics, corrosion, etc. to evaluate adequate strength parameters for the retaining features.

For this seminar, we are soliciting speakers who can provide geotechnical engineers, geologists, contractors, suppliers, and other practitioners an opportunity to share insights, knowledge, and experiences to continue the advancement of our professional field. Water is an everyday issue in geologic and engineering practice in and around the Ohio River Valley. The Geotechnical Group of the ASCE Cincinnati Section is issuing a Call for Abstracts with the emphasis on how water has to be evaluated and understood on geotechnical engineering projects. The 54th Annual Ohio River Valley Soils Seminar (ORVSS LIV) Presentation will focus on topics and case histories highlighting water's impact in theory and practice on projects in and around the Ohio River Valley. Topics could include, but are not limited to theoretical soil mechanics, design, and construction related to water. Abstracts will be selected to be presented during the seminar with presentations to be distributed to attendees as part of the seminar proceedings.

NOTE: ORVSS LIV is currently scheduled to be an in-person event. However, the event format may change as needed to meet local, state, and national guidelines regarding any developing pandemic conditions.

Schedule (preliminary):

One-page abstracts due to committee (extended)	June 14th, 2024
Notice of acceptance	July 2 nd , 2024
Presentations due to committee	Nov. 1 st , 2024
ORVSS LIV Seminar	Nov. 13 th , 2024

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