

Web Conference Lunch-and-Learn

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The logo for GeoTechTools, featuring the word "GEOTECHTOOLS" in white, uppercase, sans-serif font centered within a dark blue rectangular background.

**GEOTECHTOOLS**

*Wednesday, December 8, from 1:15 pm to 1:50 pm EST*

***GeoTechTools – The First Place to Look***

**Vern Schaefer, Ph.D., P.E., M.ASCE - Professor of Civil Engineering - Iowa State University**

This presentation will introduce the Geo-Institute's *GeoTechTools* – a knowledge system that provides a synthesis of over 50 ground improvement and geotechnology techniques – and makes the information readily accessible. The two primary components of this comprehensive toolbox are a Catalog of Technologies and a Technology Selection Assistance System. For each technology, eight distinct user-friendly products can be accessed through the Catalog of Technologies. Project specific technology selection assistance is provided through an interactive selection system. This system aids the user in identifying a short-list of potential solutions for a particular project, site conditions and constraints. *GeoTechTools* was developed to assist users to make more informed decisions on geotechnical issues to reduce risk and minimize construction surprises on projects. The value of this system is that it collects, synthesizes, integrates, and organizes a vast amount of critically important information about geotechnical solutions on a readily accessible website. *GeoTechTools* is now under the auspices of the Geo-Institute and recent updates to the system will be highlighted.