

Lunch Meeting
ASCE Environmental and Water Resources Technical Group

“Geosynthetic Reinforcement Over Karst Formations”

Speaker: Robert Koerner, Ph.D., P.E., NAE
Director Geosynthetic Institute
Emeritus Professor at Drexel University

Dr. Koerner’s interest in geosynthetics spans thirty years of teaching, research, writing and consulting. Bob has authored and co-authored 600+ papers on geosynthetics and geotechnical topics in journals and at national and international conferences. His most widely used publication is the fifth edition of the textbook entitled “*Designing with Geosynthetics*”.

Date: Thursday, March 18, 2010

Time: 12:00 PM – 1:15 PM
11:45 AM Registration

Location: Department of Environmental Protection
Southeast Regional Office
2 East Main Street
Norristown, PA 19401

Cost: \$15 pp (including lunch)
\$5 pp for Students

RSVP Monday, March 15

For Reservations, please contact ASCE reservations at reservations@engrclub.org or (215) 985-5701. Payment can be sent in advance to: Philadelphia Section ASCE, 215 South 16th St., Ste. 16, Philadelphia, PA 19102-3349. Checks should be made payable to “Philadelphia Section ASCE”

Directions: Directions to the DEP office (both by car or public transportation) can be found at http://www.portal.state.pa.us/portal/server.pt/community/southeast_regional_office/13778/directions/593147

Parking is available in various lots

Program: Dr. Koerner’s presentation will discuss the geologic background of “karst” formations and describe its worldwide significance as well as various actual situations.

The geosynthetic solution (primarily using high strength geotextiles but also geogrids), will be developed using Terzaghi’s tunneling theory. Design of reinforcement for a sinkhole under a parking lot will be used as an example situation.

A summary and conclusions section, including typical costs involved, will conclude the presentation. Questions and answers will accompany the presentation throughout.

Attendees are eligible for one (1) Professional Development Hour (PDH) for attending this presentation.