



# OHIO RIVER VALLEY SOILS SEMINAR XLVI

7.5  
PDHs

**GROUTING SOLUTIONS TO GEOTECHNICAL PROBLEMS**  
KENTUCKY GEOTECHNICAL ENGINEERING GROUP  
46<sup>TH</sup> ANNUAL OHIO RIVER VALLEY SOILS SEMINAR  
WEDNESDAY, DECEMBER 16, 2015  
GRIFFIN GATE MARRIOTT RESORT AND SPA  
1800 NEWTOWN PIKE  
LEXINGTON, KENTUCKY 40511-1330

The 46<sup>th</sup> Ohio River Valley Soils Seminar (ORVSS XLVI) will address grouting techniques and design methods employing these applications. Grouting is a versatile and effective solution which can be used to achieve a diverse range of objectives for many geotechnical issues encountered in civil engineering works. For geotechnical and geology professionals, grouting is an important aspect of temporary works, including seepage and groundwater control, ground improvement, foundation support, and many other geotechnical applications. ORVSS XLVI will provide Geotechnical Engineers, Geologists, Contractors, Material Suppliers, and other geotechnical practitioners an opportunity to share innovative applications of grouting techniques to continue the advancement of our knowledge in this field.

## ORVSS XLVI KEYNOTE SPEAKER

### James Warner

Consulting Engineer  
PO Box 1028  
Mariposa, California 95338  
Phone: (209) 966-5915  
Email: Warner@sti.net



James Warner is an independent Consulting Engineer specializing in foundation and structural restoration, with emphasis on pressure grouting and the allied fields of structural problem diagnosis, material performance, testing, and the solution of construction problems.

As president and general manager of Warner Engineering Services at Los Angeles, California for 27 years, he directed the prosecution of several thousand significant projects within his area of specialization. To his credit are numerous inventions and developments relating to engineering and construction technology.

He is a Registered Professional Engineer, as well as a Licensed Building and Engineering Contractor in California. A Fellow and Life Member of the American Society of Civil Engineers, he served on the Publications Committee of the Construction Division and the Committee on Grouting from 1966 to 1982, heading several task projects. He currently serves on the Geo-Institute Grouting Committee. Mr. Warner has served on a wide variety of technical panels, advisory groups, and review boards, as well as regularly appearing as a lecturer at universities and technical meetings throughout the world. He has also authored many publications associated with rehabilitation and application of grouting techniques.

## SPONSORS

Kentucky Geotechnical Engineering Group,  
ASCE  
ASCE Cincinnati Section Geotechnical Group  
University of Kentucky, Department of Civil  
Engineering  
University of Louisville, Department of Civil  
and Environmental Engineering  
University of Cincinnati, Department of Civil  
and Environmental Engineering

### Registration:

Ben Webster, PE  
Stantec Consulting Services Inc.  
Phone: (859) 422-3192  
Email: [Ben.Webster@stantec.com](mailto:Ben.Webster@stantec.com)

### Exhibitors:

Luis J. Arduz, PE, MASCE  
Stantec Consulting Services Inc.  
Phone: (859) 422-3051  
Email: [Luis.Arduez@stantec.com](mailto:Luis.Arduez@stantec.com)

## CONTACT INFORMATION

### Location and Lodging:

Griffin Gate Marriott Resort and Spa  
1800 Newtown Pike  
Lexington, KY 40511-1330  
Phone: (877) 901-6632  
Webpage: [www.marriott.com](http://www.marriott.com)

For lodging options visit:

<http://www.marriott.com/hotels/travel/lexky-griffin-gate-marriott-resort-and-spa/>

# **TENTATIVE AGENDA – WEDNESDAY, DECEMBER 16, 2015**

6:30-7:20 am	Exhibitor Registration and Setup
7:20-8:00 am	<b>Registration</b>
8:00-8:15 am	Welcome Remarks
8:15-8:45 am	“Grout Curtain Construction for the Thornton Reservoir Project” – Jonathon R. Bulger, PE and Raymond J. Franz, PE, D.GE, Hayward Baker Inc.
8:45-9:15 am	“Grouting Solutions for Cincinnati Music Hall” – George C. Webb, PE, LEED AP, Terracon
9:15-9:45 am	“Jet Grouting Solution for the Resolution of Offshore Bridge Pier Retrofit Challenges” – Lucian P. Spiteri, PE, John M. Stanbury, Alberto Morgante, Moretrench
9:45-10:15 am	<b>Break / Technical Session</b>
10:15-10:45 am	“Formation Grouting for the Port of Miami Tunnel” – Rick Deschamps, PE, PhD, Nicholson Construction Co.
10:45-11:15 am	“Insitu Stabilization of Soils by Injection of High-Density Polyurethane: Principles and Applications” – Randall W. Brown, PE, PhD, URETEK USA, Inc.
11:15-11:45 am	“Laboratory Study of Acrylate Grout” – L. Sebastian Bryson, PE, PhD, MASCE, Ryan Ortiz, EIT, University of Kentucky and Terracon Consultants, Inc.
11:45-12:45 pm	<b>Lunch – Keynote Introduction</b>
12:45-1:45 pm	Keynote Speaker – James Warner, Consulting Engineer, Warner Engineering Services
1:45-2:00 pm	<b>Break / Technical Session</b>
2:00-2:30 pm	“Mine Remediation at the I-470/Pryor Road Interchange” – Sheryl D. Gallagher, PE, GEOTECHNOLOGY, INC.
2:30-3:00 pm	“Rough River Dam: Foundation Investigation and Remediation through Grouting” – Will Ailstock, PE, USACE Louisville District
3:00-3:30 pm	“Franklin County Court House in Frankfort, Kentucky” – Chris Griggs, Dwyer Companies
3:30-4:00 pm	<b>Break / Technical Session</b>
4:00-4:30 pm	“The Varied Use of Compaction Grouting for Ground Improvement and Structure Rehabilitation” – Tom Szynakiewicz, PE, D.GE, Director, Grouting and Foundation Division, GeoStabilization International
4:30-5:00 pm	“Optimization of Jet Grouting Technology to Solve Challenging Urban Site Conditions” – James C. Myers, PE, Moretrench
5:00-5:05 pm	<b>Adjourn</b>

## **Cost of Registration (see form below) includes:**

Seminar admission and Exhibitor’s Fair  
Coffee and pastries during registration  
Lunch provided by Marriott  
Morning and afternoon refreshment breaks  
Bound Copy of ORVSS XLVI Proceedings  
Certificate for **7.5 PDHs**

## **REGISTRATION:**

*Note:* Pre-registration is essential to ensure receipt of bound proceedings and to facilitate morning registration. Also, Early Registration ends November 21, 2015 with Regular Registration beginning November 22, 2015.  
Online registrations with credit card payments are available at <http://orvss.com/>.  
See adjacent Registration Form for prices and/or for registrations with check payments.

## **46<sup>TH</sup> ANNUAL OHIO RIVER VALLEY SOILS SEMINAR | REGISTRATION FORM | WEDNESDAY, DECEMBER 16, 2015 GRIFFIN GATE MARRIOTT RESORT AND SPA | 1800 NEWTOWN PIKE | LEXINGTON, KENTUCKY 40511-1300**

Make check payable to Kentucky Geotechnical Engineering Group and mail with completed form to Stantec Consulting Services Inc., 1409 North Forbes Road, Lexington, Kentucky 40511, Attn: ORVSS, XLVI. Registrations with credit card payments may be done online at <http://orvss.com/>.

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Company: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Early Individual Registration (Postmarked by November 21, 2015)	\$150.00 x	_____	_____
Regular Individual Registration (on/after November 22, 2015)	\$175.00 x	_____	_____
Early Full-time Student Registration (Postmarked by November 21, 2015)	\$25.00 x	_____	_____
Regular Full-time Student Registration (on/after November 22, 2015)	\$50.00 x	_____	_____
Exhibitor Registration	\$425.00 x	_____	_____
Additional Individual Registration with Paid Exhibitor (Limit 2 Per Paid Exhibitor Registration)	\$75.00 x	_____	_____

**TOTAL AMOUNT ENCLOSED:** \_\_\_\_\_

*Note:* Include additional copies of form or another sheet that includes all attendees’ names and contact information if the enclosed registration amount is for more than one person.