



GEOTECHNICAL SEMINAR  
DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY OF NEBRASKA  
OMAHA, NEBRASKA 68182

# 19<sup>th</sup> ANNUAL GEOTECHNICAL SEMINAR

## GEO-Omaha 2002

MARCH 1, 2002  
KIEWIT CONFERENCE CENTER  
OMAHA, NEBRASKA

### PROGRAM DESCRIPTION

The annual geotechnical seminar provides a forum for the presentation of a wide variety of geotechnical field, design, and construction-related topics. This year we are honored to have as presenters Dr. Robert Koerner, Dr. Jean-Louis Briaud, Mr. R. Gordon McKeen, Mr. David Butler, Mr. Melvin I. Esrig, and Mr. Jim Morrison (no, not THAT Jim Morrison). Please join us for what promises to be an interesting and informative program. As always, 0.75 CEU's will be awarded for conference attendance.

### WHO SHOULD ATTEND

All professionals who are involved in geotechnical exploration, design, construction, or observation. This would include:

- Engineers/Geologists
- University Instructors
- Technicians/Contractors

### INFORMATION

ADMISSION to the seminar is by registration. To ensure admission, complete the registration and mail early.

THE REGISTRATION FEE covers coffee breaks, lunch and handout material.

REFUNDS will be made if the conference is canceled or if the applicant cancels no later than five working days prior to the conference date.

MAIL your registration and fee to:  
Geotechnical Seminar  
Department of Civil Engineering  
University of Nebraska  
Omaha, Nebraska 68182

0.75 CEU will be awarded

### SPONSORED BY:

AMERICAN SOCIETY OF CIVIL ENGINEERS,  
NEBRASKA SECTION

### IN COOPERATION WITH:

UNIVERSITY OF NEBRASKA  
DEPARTMENT OF CIVIL ENGINEERING  
AND THE COLLEGE OF ENGINEERING AND  
TECHNOLOGY

### LOCATION

The Kiewit Conference Center is located at 13th and Farnam, across from the Central Park Mall, downtown Omaha, Nebraska. Parking is provided directly south of the Center in the Omaha Park II garage.

### PLANNING COMMITTEE:

RYAN BECKMAN, P.E.  
OLSSON ASSOCIATES, INC.

DR. JOSEPH BENAK, P.E.  
UNIVERSITY OF NEBRASKA

JIM BERTSCH, P.E.  
PROFESSIONAL SERVICE INDUSTRIES (PSI)

JOHN CHRISTIANSEN P.E.  
THIELE GEOTECH, INC.

BRIAN HAVENS, P.E.  
GEOTECHNICAL SERVICES, INC.

LORAS KLOSTERMANN, P.E.  
THOMPSON, DREESSEN AND DORNER, INC.

BOB LAPKE, P.E.  
GEOSYSTEMS ENGINEERING, INC.

ED PROST, P.E.  
TERRACON

STEVE SAYE, P.E.  
GEOTECHNICAL SERVICES, INC.

DAVE RAY, P.E.  
US ARMY CORPS OF ENGINEERS

DAN THIELE, P.E.  
THIELE GEOTECH, INC.

JOE WAXSE, P.E.  
TERRACON

**ANNUAL GEOTECHNICAL SEMINAR,  
DR. JOSEPH BENAK**

MAIL PAYMENT TO:

**GEOTECHNICAL SEMINAR  
DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY OF NEBRASKA  
OMAHA, NEBRASKA 68182  
PHONE: (402) 554-2463**

FULL TIME STUDENTS please list

College \_\_\_\_\_ and \_\_\_\_\_  
class \_\_\_\_\_

**GEO-Omaha 2002**

DATE: FRIDAY, MARCH 1, 2002

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Phone (Area Code) \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Registration fee is \$105.00 on or before February 22, 2002;  
\$130.00 after this date. Full time students pay \$25.00.

D e t a c h   &   m a i l

**AMERICAN SOCIETY OF CIVIL  
ENGINEERS PRESENTS:**

**19<sup>TH</sup> ANNUAL GEOTECHNICAL  
SEMINAR  
GEO-Omaha 2002**

**MARCH 1, 2002  
KIEWIT CONFERENCE CENTER  
OMAHA, NEBRASKA**

**MORNING SESSION**

7:30 - 8:00      Registration, Kiewit Conference Center

8:00 - 8:15      Welcome

8:15 - 9:15      “Field Investigations for Characterizing  
Expansive Soils”  
Mr. R. Gordon McKeen, P.E.  
Associate Director, ATR Institute,  
University of New Mexico

9:15 - 10:15     “Segmental Retaining Walls –  
Drainage”  
Dr. Robert Koerner, P.E., Ph.D.  
H. L. Bowman Professor of Civil  
Engineering, Drexel University,  
Director of the Geosynthetic  
Research Institute (GRI)

10:15 - 10:45    Break/Vendor Displays

10:45 - 11:45    “The Pressuremeter: Do’s and Don’ts”  
Dr. Jean-Louis Briaud, P.E., Ph.D.  
Spencer J. Buchanan Professor  
of Civil Engineering, Texas A & M  
University

11:45 - 12:00    “EFA: A New Geotechnical Tool”  
Dr. Jean-Louis Briaud, P.E., Ph.D.  
Spencer J. Buchanan Professor  
of Civil Engineering, Texas A & M  
University

12:00 - 1:00     Lunch/Vendor Displays

**AFTERNOON SESSION**

1:00 - 1:45      “Geophysical Myths, Legends, and  
Applications”  
Mr. David Butler  
Chief Geophysicist, MicroGeophysics  
Corporation

1:45 - 2:30      “Lateral and Vertical Landfill  
Expansion”  
Dr. Robert Koerner, P.E., Ph.D.  
H. L. Bowman Professor of Civil  
Engineering, Drexel University,  
Director of the Geosynthetic  
Research Institute (GRI)

2:30 - 3:00      Break/Vendor Displays

3:00 - 3:45      "Design Concepts and Experience  
With Lime Cement Column Ground  
Stabilization: I-15 Salt Lake City, BART,  
and More”  
Dr. Melvin I. Esrig, P.E.  
Independent Geotechnical &  
Geoenviromental Consultant

3:45 - 4:30      “Innovative Geotechnical Solutions  
in Construction”  
Mr. Jim Morrison, P.E.  
Corporate Geotechnical Manager,  
Kiewit Engineering Company

**VENDOR DISPLAYS**

A display of products, equipment and services associated with the geotechnical, drilling, and construction industries will be provided by vendors and consultants. A variety of products and information on professional services will be presented. Firms that currently plan to attend include:

- ◆ ASP Enterprises\*
- ◆ Berkel & Company Contractors, Inc.
- ◆ Contech Construction Products, Inc.
- ◆ Geopier Foundation Company
- ◆ Geotechnical Services, Inc.
- ◆ Hayes Drilling Company
- ◆ Hayward Baker, Inc.\*
- ◆ Humboldt Manufacturing Company\*
- ◆ Lumbermen’s\*
- ◆ MicroGeophysics Corporation
- ◆ Terracon
- ◆ Watkins Concrete Block Company, Inc.\*

\* - Conference Break Sponsors