**19th 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:**

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AMERICAN SOCIETY OF CIVIL ENGINEERS PRESENTS:

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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 & Geoenvironmental 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