DINNER RESERVATIONS

RSVP with menu choice by noon on Monday 1/21/02

In Omaha and Eastern Nebraska:
contact Bob Kalinski at (402) 894-2678
or president@neasce.org

In Lincoln and Central/Western Nebraska:
contact Brad Levich at (402) 466-3911
or president-elect@neasce.org

Meeting Information

DATE:
Wednesday, January 23

CO-HOSTS:
Water Resources Group
Nebraska Section ASCE, and
UNL Student Chapter

SPEAKER:
Roger K. Patterson
Director, Nebraska Department of Natural Resources

TOPIC:
The New Nebraska-Wyoming Water Rights Agreement for the North Platte Basin.

TIMES:
6:30-7:15...Meeting and Program
7:15-8:00..................Dinner

LOCATION:
53 Henzlik Hall
Between 15th & 16th Streets
North of Vine
University of Nebraska-Lincoln
(Park at new parking garage at 16th & Q)

MENU:
Pizza ($10.00)

Checks payable to ASCE-UNL Student Chapter

Roger K. Patterson

Roger Patterson was appointed Director of the Nebraska Department of Natural Resources by Governor Mike Johanns in January 1999. In July 1, 2000, the Department of Natural Resources was formed with the merger of the Department of Water Resources and the Nebraska Natural Resources Commission and Patterson was named Director of this newly formed agency. Prior to his appointment with the State of Nebraska, he spent 25 years with the Bureau of Reclamation, Department of Interior, working in several of the western states.

His most recent assignment with the Bureau of Reclamation was as Regional Director of the Mid Pacific Region in Sacramento, California where he oversaw a staff of 800 employees and an annual budget of $300 million.

Patterson has been honored with numerous awards throughout his career, among them the 1995 Presidential Rank Distinguished Executive Award, the highest award bestowed on a Federal career employee. This presidential-level honor continued, Page 4
President’s Comments

It Was a Good Year After All

Happy New Year to all members of the Nebraska Section and here’s to a prosperous 2002! Many events occurred in 2001 that impacted members of the Nebraska Section and all of ASCE and brought attention to our profession. Although my list is certainly not all-inclusive, some of the more high-profile events that made the past year memorable are listed below.

- The job market and workloads of Civil Engineers started at a gangbuster pace in 2001, but slowed toward the end of the year as capital expenditures on construction projects were reduced in response to an economy that was slipping into recession. Overall, however, the future job market for civil engineers continues to be strong as our country upgrades and secures our infrastructure and the federal government continues to free up cash for economic stimulation.

- Construction accelerated at the new Omaha Convention Center/Arena and many local environmental, geotechnical, structural, and water resources civil engineers were involved with planning, design, and construction efforts.

- The terrorists attacks of September 11 taught us that the achievements of our profession could be construed as a threat to some, and were in fact the target of established political entities that disapproved of the American culture and way of life. Ironically, the alleged leader of the attacks has used the title “construction engineer” in the past. But the attacks also taught the public about the fragile nature of engineering structures and hopefully added a degree of respect for our profession. One can only hope that watching a structure come down will make the public appreciate what it takes to put one up. Incidentally, five members of ASCE were killed in the attacks on the World Trade Center.

- In November, Governor Gray Davis of California indicated that his office had received credible evidence of terrorist threats aimed specifically at suspension bridges, including the Golden Gate Bridge and San Francisco-Oakland Bay Bridge. Immediately, the buildings around the ends of the suspension cables were secured. These threats showed us that the terrorists who were focused wreaking havoc in our country could also have adequate engineering knowledge to determine how structures could be most vulnerable to malicious acts.

- In December, military and civilian engineers became involved with the rebuilding of Afghanistan following removal of the Taliban regime and al Qaeda network.

- On January 1, 2002, the Los Angeles Section returned ASCE to the Tournament of Roses Parade for the first time since 1980. The beautiful float was entitled “Building a Better World” and was awarded as “Best Artistic Impression” for all parade floats and was raved about by those who described the float for major television networks.

Although many of the infamous events of 2001 were not things that we would want or hope for, it is difficult to argue that they did heighten public awareness and teach us new things about our profession, thus making 2001 a good year after all.

2002 Important Dates

Jan 23   JANUARY MEETING (Co-hosted by Water Resources Group and UNL Student Chapter), Lincoln
Feb 17-23 National Engineers Week
Feb 28   FEBRUARY MEETING (Hosted by Geotechnical Group), Omaha
Mar 1    ANNUAL GEOTECHNICAL CONFERENCE
Mar 14   MARCH MEETING (Hosted by Environmental Group), TBA
Apr 11   APRIL MEETING (Co-hosted by Transportation Group and UNO Student Chapter), Omaha
May TBA  ANNUAL MEETING & BANQUET, GOLF OUTING
Oct 3    MONTHLY MEETING (Hosted by Structural Group)
Oct 4    ANNUAL STRUCTURAL CONFERENCE

The ASCE 2002 Member Drive is On!
Earn Rewards … Win Prizes … Help Your Colleagues!

Refer your colleagues for ASCE membership during the 2002 member drive and you can earn terrific rewards and prizes. Visit our special web site for details on how to participate. For more information visit www.ASCEDrive.org
E-WEEK BANQUET
FRIDAY, FEBRUARY 15, 2002
Sponsored by the Engineer’s Roundtable

“NASA Astronaut Development Program”

Astronaut Clayton C. Anderson will speak about his experiences in NASA’s Astronaut Development Program. Mr. Anderson is a native of Ashland, Nebraska. He received a Bachelor of Science Degree in Physics from Hastings College in 1981 and a Master of Science Degree in Aerospace Engineering from Iowa State University in 1983. Anderson joined the Johnson Space Center in 1983 and served in the Mission Planning and Analysis Division, the Mission Operations Directorate, and the Flight Design and Dynamics Division. From 1996 until his selection for Astronaut Candidate Training, Anderson held the post of Manager, Emergency Operations Center, NASA Johnson Space Center in Houston, Texas. Selected for the Astronaut Development Program in June 1998, he reported for training in August 1998. Anderson is currently assigned to the Astronaut Office International Space Station Operations Branch as the crew representative for the Station's electrical power system. He will serve in technical assignments until assigned to a space flight.

**Location:**
Cascio’s Steak House
1620 South 10th Street

**Time:**
6:00 PM – Social Hour (Cash Bar)
7:00 PM – Banquet & Speaker

**Dinner Selections & Prices:**

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<th>Entrée Choices</th>
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<td>10oz. Club Steak</td>
<td>$22.00</td>
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<tr>
<td>9 oz. Broiled Chicken Breast</td>
<td>$20.00</td>
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<tr>
<td>10 oz. Grilled Halibut</td>
<td>$24.00</td>
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(Dinner selection includes salad, baked potato, bread, vegetable, choice of beverage and dessert.)

**Lead Society & Master of Ceremonies:**
The lead society for this year’s national E-Week is the American Society of Civil Engineers. Joe Waxse will be our Master of Ceremonies.

In order to provide a total attendance count to Cascio’s, only advanced reservations will be accepted. Advanced reservations, menu choices, attendee’s name and payment must be received by Monday, February 11, 2002. Checks should be made payable to the “E-Week Roundtable.” Please clip the reservation form below (add an additional sheet if required), attach payment and send to the address shown.

Send to:  
Phil Rossbach  
HDR Engineering, Inc.  
8404 Indian Hills Drive  
Omaha, NE 68114-4049

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<th>Attendee’s Name(s)</th>
<th>Quantity</th>
<th>Menu Choice</th>
<th>Total Cost</th>
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<td>Total Cost</td>
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Roger K. Patterson, Continued

recognized Patterson for his leadership role in the development and supervision of water resource management programs which have a major environmental and economic impact on millions of California residents. In 1999, Patterson received the Department of the Interior’s Distinguished Service Award for achievements in addressing engineering, environmental, and public concerns as Regional Director of the Mid-Pacific Region.

He is a graduate of the University of Nebraska with degrees in civil engineering. Patterson and his wife, Linda, have two daughters.

In addition to being agency Director, Patterson is Chairman of the Nebraska Boundary Compact Commission and is the State Representative to the Missouri River Basin Association, State Environmental Trust Board, Blue River Compact, Republican River Compact and the Upper Niobrara River Compact.

Terracon - Omaha Receives National Younger Member Award

Terracon’s Omaha office was acknowledged as a recipient of the 2001 Employer Recognition Award, presented by the ASCE Committee on Younger Members (CYM). The award is given to recognize employers who support younger member participation in ASCE activities. Thirteen offices of engineering firms nationwide received this award, whose names were published in the December 2001 issue of ASCE News.

Evidence of outstanding support includes providing a model for involvement through companywide participation in local, regional, and national ASCE activities; promoting technical and professional growth; encouraging young engineers to prepare articles for publication in ASCE professional and technical journals; and assisting in the payment of local and national dues.

The biweekly ASCE E-Newsletter is your gateway to the latest information about the American Society of Civil Engineers as well as news from the world of Civil Engineering.

The latest edition of this newsletter can be found on the Nebraska Section’s website. Just go to www.neasce.org and click on the News link.

The Nebraska Civil Engineer

Last Month’s Meeting

At left, Don Nelson talks during the Management Meeting about recent national events and the state of affairs for a US Senator. Twenty-two people attended the meeting held last November at The Steak House in Lincoln. They were:

W. Don Nelson (speaker)  Dave Admiraal
                      Ryan Paradis
                      Keith Endern (visitor from Tenn.)
                      Tom Mamik
                      Aaron Buettner
                      Dick Taylor
                      Loras Klostermann
                      Daren Konda
                      Daryoush Razavian
                      Mark Stark
                      Bob Kalinski
                      W. Don Nelson (speaker)  Dave Admiraal
                      Ryan Paradis
                      Keith Endern (visitor from Tenn.)
                      Tom Mamik
                      Aaron Buettner
                      Dick Taylor
                      Loras Klostermann
                      Daren Konda
                      Daryoush Razavian
                      Mark Stark
                      Bob Kalinski

A Note from the Editor

The deadline for the February edition of The Nebraska Civil Engineer is Feb. 15. Send ideas for items that could be included in this newsletter, articles, or information to:

ASCE Newsletter Editor

  c/o Rick Kaufmann
  Terracon
  2211 South 156th Circle
  Omaha, NE 68130-2506
  Office No.: (402)-330-2202
  Fax No.: (402)-330-7606
  email address: editor@neasce.org

The Section’s website can be found at www.neasce.org

Direct any items of interest or comments to the Section Webmaster, Brad Chambers, at (402)444-6866 or webmaster@neasce.org. These can include job position postings, RFP’s, corporate news releases, editorials, articles, or photos of ASCE-related events. We send out notices, reminders and an electronic copy of this newsletter via email. To be included in our email database, email Brad Chambers at the above address.

CHANGE OF ADDRESS?

Please notify ASCE national of any address changes by calling 1-800-548-ASCE (2723) or contact them through their web site www.asce.org. Address changes made at the national ASCE office are updated monthly at your local Nebraska Section.
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 L. 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

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NEBRASKA SECTION

IN COOPERATION WITH:
UNIVERSITY OF NEBRASKA
DEPARTMENT OF CIVIL ENGINEERING
AND THE COLLEGE OF ENGINEERING AND TECHNOLOGY

19th ANNUAL GEOTECHNICAL SEMINAR
GEO-Omaha 2002
MARCH 1, 2002
KIEWIT CONFERENCE CENTER
OMAHA, NEBRASKA

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:

19TH 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 & 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.
♦ Hayward Baker, Inc.*
♦ Humboldt Manufacturing Company*
♦ Lumbermen’s*
♦ MicroGeophysics Corporation
♦ Terracon
♦ Watkins Concrete Block Company, Inc.*

* - Conference Break Sponsors
The Nebraska Civil Engineer

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For underwriting information, contact Ben Higgins, Fund-Raising Committee Chair, in Omaha at (402) 444-6222 or bhiggins@linux3.nrc.state.ne.us
THE NEBRASKA CIVIL ENGINEER

OCTOBER 2000

IN THIS ISSUE:
Monthly Meeting Information
President’s Comments
Omaha office recognized by ASCE
Annual E-Week Banquet
19th Annual Geotechnical Seminar

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THANKS TO THE BUSINESSES THAT SUPPORT THIS NEWSLETTER THROUGH THEIR CONTRIBUTIONS

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