



CIVIL ENGINEER— THE NEWSLETTER

Carlyon Beach/Hunter Point Landslide

SEPTEMBER LUNCH MEETING

Carlyon Beach/ Hunter Beach Landslide

Presented by
Mr. Jon Koloski, P.E. and
Mr. Bill Halbert, P.E. of
GeoEngineers, Inc.

Tuesday, September 12,

Social 11:30 – 12:00
Lunch 11:45 – 12:30
Program 12:30 – 1:30

**St. Martin's
Worthington Center**

Cost: \$15.00

February 1999-Intense precipitation reactivates a 60 acre ancient landslide at the northern end of the Steamboat Island Peninsula in Thurston County, Washington.

Approximately 40 homes in the private community of Carlyon Beach and five homes in the Hunter Point area were damaged. Thurston County Development Services inspected and "red tagged" the homes. Power and water were shut down to the affected portions of Carlyon Beach to reduce the risk of additional damage.

GeoEngineers was retained by Thurston County to evaluate the landslide and devise mitigation strategies and costs. A fast track field program consisting of installing slope inclinometer pipes, temporary monitoring wells coupled with high level surveying and detailed field mapping was implemented to evaluate the landslide.

Proposed mitigation strategies consisted of dewatering the upper portions of the slide, reinforcing the toe of the slide with a shear key and regrading the area of the slide. Costs for each scenario were presented to the affected home owners and all were determined to be too costly. At this time, most of the affected homes have been demolished and movement of the slide is being monitored by Thurston County.

Speakers:

Jon Koloski received his Bachelor of Science degree in Geology from the University of Washington in the late Cretaceous 1962. He is a Registered Geologist in Oregon and California, and is a proud member of the Association of Engineering Geologists. Jon co-founded GeoEngineers 20 years ago after years of indentured servitude at Dames and Moore. He has been the principal geologist on several thousand investiga-

tions involving the evaluation and mitigation of geologic processes and geologic hazards for geotechnical engineering assessments and designs. He has guest lectured for engineering and geology classes at UW, WSU and Portland U and has made numerous technical presentations to technical conferences around the country and to continuing law education seminars. He also does windows and mows the lawn. His consultations frequently involve presentations to technical or non-technical audiences, public meetings, the legislature or local government regulators and as an expert witness in litigation.

Bill Halbert is a Senior Hydrogeologist with GeoEngineers in Olympia. Bill received his Bachelor's degree in Geology from the University of California at Santa Barbara in 1985, his masters in Geology from California State University, Los Angeles in 1996 and

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Section Meetings, cont'd.



RESERVATIONS

**Make reservations by
Friday, September 8
by calling**

Connie Linden

253 383-2422

or Dr. Igharo

360 438-4322

It is very important for us to receive an accurate count for catering and room reservation purposes. We regret to inform you that those making reservations for dinner, but who are unable to attend will be billed for the event. *If you miss the reservation deadline, please call anyway. It is better to indicate that you will be attending, than to show up without a reservation.*

claims he has never been on a surfboard in his life. Prior to his arrival at GeoEngineers in 1991, Bill put in time with Simon-EEL, Dames and Moore and the US Geological Survey. His primary responsibility is cleaning up other folks' messes while calling it Environmental Remediation, but he also assists clients with water supply projects, water rights transfers and engineering geology problems. Bill was the Project Manager for both phases of the Carlyon Beach/Hunter Point Landslide investigation.

GeoEngineers is an employee owned company with 210 staff in nine offices scattered through WA, OR, AK, CA, and ID.

Joint Meeting with Pacific Northwest Council (PNC)

Washington State
History Museum
Program
Friday, Sept. 29, 2000!

The cost for the dinner and private showing at the museum is \$25.00 per person.

Social 5:30 PM
Dinner 6:00 PM

Make your reservations by **Monday September 25, 2000** to Connie Linden or Dr. Igharo. (See sidebar)

We are looking forward to hosting PNC and are looking forward to a very special evening and an excellent turnout.

Dress is evening attire (or business attire)! Ask your spouse or significant other to come as a date! This won't be your ordinary engineers gathering. We will all be miraculously transformed (for the evening) into exciting models for the rich and famous to emulate. We will exit our sub-compacts and SUV's in style, sheik and elegant, in our slinky dresses and hired suits! Anyway, I know you get the picture of a King 5 News crew

"We will all be miraculously transformed (for the evening) into exciting models for the rich and famous to emulate. ."

recognizing us for the very best that our society has to offer and reporting on our evening festivities on the nightly news.

Induction of officers: The elegant surroundings of the History Museum and the esteemed guests attending the PNC will be a great opportunity for us

to hold the induction of our new Officers:

2000 - 2001 Officers
President

Mr. Richard Swanson
President Elect

Mr. Michael Hale
Director

Mr. Chris Beckman
Director

Ms. Connie Linden
Treasurer

Mr. Scott Sawyer
Secretary

Mr. Brian Matthews
Younger Member Co-Chairs -

**John Smith and
Philip Carpenter**

Olympia House

Professor Igharo
Tacoma House

Dave Phelps

October Field Trip!

We will not be having our regular October Section Meeting due to the Joint Section Meeting with PNC in September. Instead, we will have a **Field Trip to the Yelm Sewage Treatment Plant - Reclaimed Water Project** that was presented at our May section meeting by Tom Skillings and Brian Matthews. The Field trip will be on a **Saturday in October**. We will mail post cards to the membership with more information on this event. Again, this is a very exciting project that we hope will attract a lot of interest from our membership. We look forward to seeing you there.

President's Corner with Kathy Hargrave

Well, this is it, sort of. I will author the April Newsletter for the Honors and Awards Celebration, but this is my last official newsletter as president of our section. It has been an interesting year. We have made progress in energizing our section board and more of our membership has made themselves available to help with functions, provide Section Meeting Programs and provide general support. I want to tell you all, *THANK YOU!* It has been a privilege to be the president of the Tacoma/Olympia Section of ASCE.

What is next? Well, as past president I intend to remain actively involved with our board of directors and continue to be available to support our section's mission with MESA. Reaching out to students in math, science and engineering is rewarding and something that I would like to see grow in vitality within our section. I plan to be involved in Honors and Awards at least until I receive the coveted "Life Member Award" myself. Honoring those who have served our Section as Board Members, and as Life Members has been very special to me since I joined the Board as Secretary. I would like to see the April Section Meeting become one of the most popular meetings of the year. I envision this as a meeting where we all get out and pay tribute to our members who have spent a

lifetime of service in engineering to our community. I think that what is true for our youth today is also true for us. If we want honor and respect for our accomplishments, first we must give honor and respect to those who came before us. This to me means going to the Honors and Awards Program and showing our appreciation.

As I get ready to "retire" I'm thinking, "Hey, I'll now be part of the mysterious past-presidents committee." Well, this whole past year I haven't heard much from any of them with the exception of Mr. Jim Brigham. Jim kept me on track this year with helpful hints on how to go about things. But the rest of them...I wonder...Perhaps here is yet another group waiting for purpose and re-vitalization! I think I will explore the possibility of getting something going with this group. It could be a lot of fun.

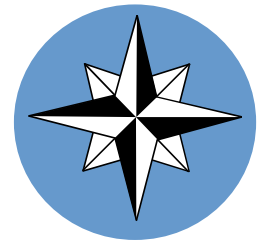
My point is, this isn't really good-bye, it's just an opportunity to do something different and change and reevaluate my focus in our group.

-Kathy Hargrave
President 1999-2000

Feedback



Your feedback is always welcomed and can only make this newsletter and your board/officers more useful. Please address questions, comments, statements, and opinions to kathyhargrave@sitts-hill-engineers.com



Directions to St. Martin's Worthington Center

From Tacoma:

I-5 south to Martin Way (Exit 109); bear right to College Street (the next signaled intersection); turn left on College; travel south to Pacific Avenue; turn left on Pacific to the entrance to Saint Martin's Pavilion on the left.

From Olympia:

Take either Pacific Avenue to Saint Martin's or I-5 north to Sleater-Kinney/College Street (Exit 108); continue to College Street; turn right and proceed to Pacific Avenue.

The Tacoma/Olympia Coin

The Tacoma/Olympia Section coin is available for sale and as a gift to our speakers as well as to each corporate sponsor. The coins are antique brass featuring our section logo on the front and room for engraving on the back.

Refer to your May newsletter for a graphic representation of the coin.

To obtain a coin for your collection, contact a board member or attend a Section Meeting, where they will be for sale for \$10.00 each. We

are still working on a special back for our basic coin for the commemoration of the 150th year of ASCE.

Thank You! We have been able to develop this coin with the generous help of our corporate sponsors. The following is an updated list of the contributing sponsors who have helped to make the Coin Project a success:

Barghausen Consulting
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Heath and Associates
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Robinson Engineering
Sitts and Hill Engineers, Inc.
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We are still receiving donations for the project and are expecting this list to grow. We will keep the list updated in the subsequent issues of the Newsletter. Thank you for your generosity and support.

Positions Open/Wanted

Let your section newsletter work for you!

Resume Policy: Our section newsletter will provide free space for ASCE students and members to advertise their qualifications. The resume information needs to be received by the 15th of the month to make the next newsletter. If you still don't have a job, send it again the next month. The resume information is limited to: name, Engineering degree/year, position desired, years of related experience, membership status, ASCE section, address to obtain more information, and daytime Phone. Please send information to: Kathy Hargrave via e-mail: kathyhargrave@sitts-hill-engineers.com

NEWS RELEASE

For immediate use
Contact: Julie Smith
Phone: (206) 543-5539
Fax: (206) 543-2352

University of Washington TRANSPPEED program offers transportation engineering and planning short courses for professionals in public agencies and the private sector.

TRANSPPEED courses are designed for transportation professionals at the federal, state, local agency, and private sector levels.

The program is administered by the University of Washington College of Engineering and is developed under agreement with the Washington State Department of Transportation.

The following two and three-day courses are scheduled for September through December 2000:

- Roadway Value Engineering
Lacey, September 6-8
- Access Management
Seattle, September 13-15
- Legal Liability for Transportation Professionals, Vancouver, WA
September 14-15
- Bridge Foundation Design,
Seattle, October 3-5
- Roundabout Design Concepts and Guidelines, Lacey, October 18-20
- Transit Capacity and Quality of Service, Seattle, October 24-26
- Design and Application of Roadway Safety Features, Yakima, October 31-November 2
- Pavement Maintenance Rehabilitation Strategies, Tacoma, November 7-8
- Fundamentals of Traffic Engineering, Seattle, November 15-17
- Site Access and Circulation Design, Seattle, November 16-17
- Manual on Uniform Traffic Control Devices, Lacey, November 29-December 1
- Design of Retaining Walls and Other Structures, Seattle, December 5-6

-continued, page 6 TRANSPPEED

ASCE Upcoming Events

Section meetings: open meetings held once a month, September through June, generally meeting on the second Tuesday of the month. Locations alternate between Tacoma and Lacey and times vary between lunch and dinner meetings.

Local Board: open meetings, generally the first Wednesday of the month at 5:30 PM. Locations vary. Please contact the President for the location if you would like to attend.

Monday, September 11, 2000 - Board Meeting, Lacey/Olympia area 5:30pm. Location to be announced.

Tuesday, September 12, 2000 - Section Meeting, Lacey/Olympia Lunch. Olympia Landslide program. St. Martin's Worthington Center..

Friday, September 29, 2000 - Joint Section Meeting with Pacific Northwest Council (PNC), Tacoma 5:30 pm. Tacoma History Museum. We will have the Installation of Tacoma/Olympia Section Officers - no engineering presentation. The evening program will be on the museums feature exhibits - yo-yo mania, Ezra Meekers Wagon and beloved oxen, Helmi School, Model Railroad and much more.

Monday, October 2, 2000 - Board Meeting, Tacoma area. Location and to be announced.

TRANSPPEED COURSES, cont'd. from page 4

- Introduction to Pavement Management Systems, Tacoma, December 7-8
- Managing Project Delivery, Seattle, December 12-14
For program information or registration, please contact Julie Smith, University of Washington, Engineering Professional Programs, 10303 Meridian Avenue North, Seattle, WA 98133, (206) 543-5539; fax (206) 543-2352. For information on the content of specific courses, please contact Jim McManus, University of Washington, Department of Civil and Environmental Engineering, 101B More Hall, Seattle, WA 98195 206 543-3747; fax 206 543-1543.
VISIT OUR WEB SITE: <http://www.engr.washington.edu/~uw-ep>

St. Martin's Master of Civil Engineering

Saint Martin's College
Master of Civil Engineering
(MCE) Program 2000-2001

Classes begin August 29

Registration:
August 21 - September 1
Tuition: \$492 per credit hour
Class Schedule - Fall 2000

Course: CE 440 Steel Design - LRFD
Teacher: Seong Day: T,Th
Time: 4-5:15 PM

Course: MCE 505 Insitu Soil Testing
Teacher: McCormack Day: T,Th
Time: 6-7:15 PM

Course: MCE 533 Prestressed
Concr Design Teacher: Seong
Day: M,W,F Time: 5-5:50 PM

Course: MCE 583 Water Resources
Design Teacher: Jansen
Day: M,W Time: 6-7:15 PM

www.stmartin.edu/engineering/mce/index.htm<<MCE Program.url>>

Contact Ron Vandergriff
360 438-4320 if you have questions.



**Hydro
Conduit**

J. W. "Corky" Lambert V
NW Area Marketing Manager



10891 James Way Dr. SE
Aumsville, OR 97325
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size ad is only \$100 for one year. For more
information, please contact Kathy Hargrave
at 253 474-9449.

CIVIL ENGINEERS MAKE THE DIFFERENCE! THEY PROVIDE THE QUALITY OF LIFE!

The **Civil Engineer Newsletter** is published for the Tacoma/Olympia Section of the American Society of Civil Engineers monthly from September to May.

To submit ads or articles of interest, please contact the President of the Section or the Editor. Information must be submitted not later than the 15th of the month prior to publication.

For address changes and corrections, contact the Editor.

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**CIVIL ENGINEER
The NEWSLETTER**

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