



Serving Professionals in Engineering, Environmental,  
and Ground Water Geology

OREGON SECTION

# NEWSLETTER

The Official Newsletter of the Oregon Section Association of Engineering Geologists

## ***NOVEMBER MEETING:***

- Speaker: Sue D'Agnese, ODOT Region 3 Geology-Hazmat  
Manager
- Title: "Landslides, sinkholes and floods of the storms of 1996  
in Southwestern Oregon"
- Date: Thursday, November 20, 1997
- Times: 6:00 PM: Social Hour  
7:00 PM: Dinner  
8:00 PM: Talk
- Where: McMenamins Brewpub  
2927 SW Cedar Hills Blvd.  
Beaverton, Oregon
- Menu: \$10/person; Chicken Extravaganza, High Pasta,  
Communication Breakdown Burger, Cheeseburger,  
Garden Burger
- Reservation: Call the receptionist at David Newton and Assoc., 228-7718.

## *Background on speaker:*

Sue D'Agnese has been very active in the Oregon section of AEG. She was the chair of the section from 1994-1996 and also has held other positions in the governing hierarchy before becoming chair. She was the treasurer and vice-chair of the our national meeting in Portland this past month too. She has her B.S. and M.S. degrees in geology from Portland State University. She has worked for ODOT for over 10 years.

## *Abstract:*

Last April Sue organized a meeting in Roseburg for the southern members of our section and presented an excellent set of slides on the some of the major landslides and floods that happened this past winter in southwestern Oregon. I felt that the rest of the section would love to see her talk so invited her to come back to Portland to give the same presentation. You will enjoy her photos and case history of the famous "sinkhole" that happened on I-5 in Roseburg. She has some incredible slides of the debris flow damage in Douglas county where eight people were killed directly or indirectly from landslides last November. Her section of ODOT was kept busy last winter and you will find out why!

## *Message from the Chair:*

Congratulations are in order for a super job!! I am so proud of our section. Everyone worked so hard to make the national meeting a great success! The final count was an attendance of 562! That is one of the highest numbers in years! Last year the national meeting only drew a few people over 200. So many people played an important part in making the meeting a real success. First of all, we must thank Gary Peterson who as chair brought the whole meeting together and provided excellent leadership! Sue D'Agnese who was vice chair and head treasurer also played a very important part! People are still talking about the great field trips that were organized by Tom Kuper. Ed Stearns pulled off a miracle by putting together such an excellent program. Norm Tilford, our national director, told me that it was the finest technical program that he has seen in years. Mei-Mei Wang put together some great symposia - some of which were the most attended sessions of the whole meeting! Diane Murbach kept the publicity rolling - we made it into most of the major news media in town. Mark Darienzo really put together a nice teacher workshop - too bad no more teachers attended it. His short courses were a success though! Charlie Hammond is still paying out checks for last minute bills that have been submitted. A special thanks to the Portland State geology students who looked so nice in their white lab coats and who did such a wonderful job running the AV equipment! David James, president of the AEG student chapter worked long hours making sure that the students all showed up on time and were prepared. We also had many volunteers from the Geological Society of the Oregon Country who ran the spouses program - Clay Kelleher, in particular, helped organize their effort. Julie Keaton of AEG who is the meeting coordinator did an unbelievable job too - many thanks to her!! The list goes on and on..... Many, many thanks to all of you who worked so hard! It will be a few months before the final bills are paid, but I would guess that the meeting will come out in the black, maybe making as much as \$10,000 for the national AEG.

I invite you to next month's meeting at McMenamins. We will celebrate the new case histories book which will come out the week before. We will have a special award ceremony for the authors and we will make a special presentation of the book to the two people we dedicated the book to: Herb Schlicher (we hope to invite his wife since Herb has passed away) and Jasper Holland. I am looking for a person to give a short 15 minute talk on some case history that might round out the program. Please call Scott Burns, 725-3389 if you want to volunteer.

We did not have a section meeting in October because we wanted everyone to attend the national meeting. Our September meeting was super - we had 41 people come hear Mark Darienzo and Roger Redfern talk about river changes on the Clackamas River.

It is now time to get back to "normal" for the section! I think that many of us are burned out on monthly meetings about the book or the national meeting. We can all take a deep breath. I will call a meeting in early December of the officers and committee chairs (we have not done this in 15 months because everyone has been so busy) and we will start talking about the section. One topic that I want to bring up is looking at the length of terms of the officers. I would like to shorten them to one year from the present two years. That means that if you are elected you would only have to spend five years as an officer not ten as it is now (treasurer becomes secretary who becomes vice chair who becomes chair who becomes past chair). We have many capable leaders in the section who deserve a chance to lead. I will talk about this later.

We also need to organize another southern Oregon meeting for the section - Eugene, Roseburg, Ashland??? Are there any volunteers out there willing to organize the next meeting downsouth?

I will summarize the national board meeting in October in Portland in next months newsletter. Let's have a great Thanksgiving! See you on the 20th for the section meeting!

Scott Burns, Oregon Chair

## **AEG Case Histories Book:**

I just talked to the publisher today and all goes well. The book has been at the printer in Ann Arbor Michigan for six weeks. The books will be printed in three weeks and mailed on December 12. They should arrive in time for our December meeting. Each set of authors will be getting 50 reprints free of charge and they will be sent to the lead author. If there are two or three authors, they will be split up among the authors. Each paper gets the same number of reprints. They will arrive about the same time as the books. All of the photos that you submitted to the book will be returned in December.

I encourage you to buy the book now. The special price listed on the order blank at the end of the newsletter is \$59.95. This price is good until December 31, 1997 at which time it will go up to \$79.95. Save \$20 and order now!

The book looks great. Many of you saw the galley proofs of the book at the meeting. There are 692 pages with 82 authors and 69 articles. The book covers many important issues in Oregon and has some nice review articles and nice case histories. It should be found on the desk of every practicing geologist and geotechnical engineer in Oregon (only the editor would say that!!!).

Scott Burns, Editor

# ***41th ANNUAL NATIONAL AEG MEETING, 1998 IN SEATTLE, SEPTEMBER 26 - 30***

*This letter was sent to us by Bob Kenly, Newsletter Editor, Washington State Section:*

To the Oregon Section AEG:

Please accept our sincerest congratulations for your outstanding Annual Meeting. The entire program was admirably well-organized and performed with great efficiency and gusto by all.

We appreciate especially your setting such a high standard for us to meet at AEG'98 in Seattle. Again, our warmest thanks for all your efforts, and remember, next year the party's on us! Hope to see you all here!

Washington State Section AEG

## ***Short news items:***

1) Check out the new AEG on the web address: <http://aegweb.org>

2) Check out the Web Page for the Student Chapter at Portland State:

<http://www.geol.pdx.edu/AEG>

3) Need talks for this year: Are you interested in giving a talk to AEG on some work you have done? We have three slots open for next year and am looking for volunteers. Maybe some of you authors might be interested in giving a talk on your paper if it is not presented at the national meeting. Good luck! Contact Scott Burns, 725-3389.

4) Welcome to new members:

a) Scott Shoemaker, student

b) Melissa Yoho, student

c) Rafiq Khandoker, student

d) John Beaulieu, Associate Director, DOGAMI

e) Andrew Goodell - associate member

5) AEG List-Serve: If you want to take part in national discussions related to AEG I encourage you to contact our list serve director, John Engler who is at Texas A & M and will instruct you on signing up. His email is: [john-engler@tamu.edu](mailto:john-engler@tamu.edu). It is a forum for discussing national topics.

## ***LOCAL NEWS :***

Ken Robbins called me up the other day and told me that he is really retiring this time! Ken worked for many years for Dames and Moore and has been an independent consultant in more recent years after retiring from them. He is moving up to the Sisters area to enjoy the clean air of eastern Oregon! Good luck Ken! We will miss you here in the Portland area.

## ***“AEG” CALENDAR:***

November 20	November Oregon Section Meeting: Sue D'Agnes
December 18	December Oregon Section Meeting: Awards ceremony for the new AEG Book!
January 15	January Oregon Section Meeting
February 19	February Oregon Section Meeting with ASCE
March 19	March Oregon Section Meeting
March 25-27	33rd Symposium on Engineering Geology and Geotechnical Engineering, University of Reno, Nevada; (abstracts are due November 26) - call Scott Burns for further information)
April 16	April Oregon Section Meeting
May 21	May Oregon Section Meeting
Sept. 21-25	International AEG Meeting in Vancouver, B.C. - note - abstracts were due November 1, 1997 for this meeting. If you are interested in submitting an abstract and have not received the forms and information, call Scott Burns for further information.
Sept. 26-30	National AEG Meeting in Seattle

PREPUBLICATION ANNOUNCEMENT AND SPECIAL DISCOUNT

ENVIRONMENTAL, GROUNDWATER AND  
ENGINEERING GEOLOGY: APPLICATIONS FROM OREGON

Publication: October 1997. Hardcover.

Dr. Scott Burns, under the auspices of the Association of Engineering Geologist, selected 82 authors from 27 consulting firms, nine government agencies, and two universities to prepare papers for this special comprehensive compendium. In this volume, you will find 69 articles organized into 8 chapters covering major concerns in applied geology. In this collection of case histories and review articles, each author describes a problem and demonstrate how they solved it.

Summary of Contents by Chapter:

- 1. Geologic and Physiographic Provinces. Describes the physiographic provinces of the state along with the geologic history.
2. Practice. This chapter offers a lawyer's perspective on geologic practice in Oregon, including registration practices and important regulations a geotechnical practitioner should know. Additional discussion of professionalism in engineering geology.
3. Facilities. A fascinating collection of articles -- the largest chapter -- including how geology and geologic processes are factors in the siting of dams, buildings, and hospitals. Discusses the important evaluation of dams for weathering, upgrading to meet new earthquake standards, and evaluating dam structures relative to landslides.
4. Transportation. The application of geology along major transportation routes: highways, railroads, coastal and inland waterways.
5. Geohazards. Three review articles on earthquakes, volcanic, and landslide hazards. Additional articles describe landslide problems, including a comparison of clear-cut and non-clear cut areas in a national forest. Landslides are a hazard worldwide, and these articles offer unique insight into this deadly problem.
6. Planning. Unique coverage of land use planning and environmental protection focusing on mining and ecosystems along the coast, rivers, wetlands and forests.
7. Water Resources. The evaluation and management of water supplies is a crisis worldwide. Portland's famous well field has a large pollutant plume sitting above it! Geothermal energy development could threaten water supplies -- here's an evaluation from Bend, Oregon. Two articles address issues related to salmon -- salmon runs are decline and major recovery programs are being implemented -- there is potential impact to salmon when a new navigation lock is constructed and when a dam pool is lowered to aid in downstream migration of salmon.
8. Contaminants. Articles discuss environmental geology case histories. Superfund sites. Fertilizer contamination. How to investigate and mitigate organic solvents in the soil and groundwater. Problems that occur in very state and in every country! Here are Oregon solutions.

This is not a book of theory. Not just a reference book. You will have a hardcover volume of actual hands-on solutions. Answers to problems. Solutions that will inspire readers to new heights of professional excellence.

SAVE \$20.00 Prepublication orders are being accepted at \$59.95 + \$6.00 shipping per volume.

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# "AEG - OFFICERS"

1996 - 1998

(\* - means area code 541)

(N.M. - means National Meeting)

Position	Name	Telephone		
		Daytime	Home	FAX
Chair	Scott Burns	725-3389	692-9618	725-3025
Chair-Elect	Dave Michael	359-7448	357-0238	357-4548
Newsletter	"			
Secretary	Charlie Hammond	452-1100	274-1437	452-1528
Treasurer	Diane Murbach	228-7718	538-8352	228-7781
Past Chair	Sue D'Agnese	*957-3595	*673-1797	*957-3604
Membership	Ed Stearns		661-0462	

## **MEMBERSHIP**

*For application forms for Membership in the National AEG, call Ed Stearns who is our membership chair at 661-0462 (h). He will also have copies at the monthly meetings. Membership is on a calendar year basis. Starting this year, if you are a national member, they will collect our local dues of \$10 which just covers our newsletter costs. If you would like to subscribe to the local newsletter (comes out 9 times a year) without being a national member, fill out the form below and mail to Charles Hammond. Note: the following form is only for people and organizations who wish to subscribe to the Oregon AEG Newsletter without being members of the national AEG.*

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**APPLICATION FOR LOCAL MEMBERSHIP IN OREGON SECTION, AEG:**

**NAME** \_\_\_\_\_

**AFFILIATION:** \_\_\_\_\_

**MAILING ADDRESS:** \_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_

Mail form and \$10 to Diane Murbach, David Newton & Associates, 1201 SW 12th. Ave. Suite 400, Portland, OR 97205.

# **ANNOUNCEMENT OF OUR NEXT EXCITING MEETING**

**November 20, 1997**

## **AEG**



*Dave Michael, Editor  
Oregon Chapter, AEG  
c/o ODF NWOA  
801 Gales Creek Rd.  
Forest Grove, OR 97116*



**NOV 14 1997**

**Hammond, Charles M.  
Cornforth Associates  
10250 SW Greenburg Rd #111  
Portland, OR 97223-5460**