

December 10, 2007

## OUR RECENT PUBLICATIONS

Chen, R., V.P. Drnevich, X. Yu, and R. Nowack, 2007: "Water Content Measurements with Time Domain Reflectometry in Highly Conductive Soils using Reflections from the Soil Surface." *J. of Geotechnical and Geoenvironmental Engineering*, ASCE, Vol. 133, No. 12, ASCE, December, 1597-1608.

Xiao, J., and Q. Zhuang, 2007: Drought effects on large fire activity in Canadian and Alaskan forests. *Environ. Res. Lett.*, 2044003 (6pp), doi: 10.1088/1748-9326/2/4/044003, 2007.

## RECENT PRESENTATIONS

Matt Huber gave a talk at the University of Chicago on November 30 entitled, "Hurricanes, heat death, hyperthermals: Cyclone induced mixing as a possible solution to the equable climate problem."

Prof. Baldwin was invited to the National Weather Service forecast office in North Webster, Indiana to give a presentation to the forecasters entitled, "NWP and Winter Precipitation Type" on December 6, 2007.

Linda Sylvester (EAS Graduate Student) and Terry West authored a poster paper at the ISMR Conference (Indiana Society of Mining and Reclamation), held December 3 and 4, 2007 in Jasper, Indiana. The title of the paper was "Groundwater Supply and Construction Complications Caused by A Bedrock High in Regard to a Housing Area in Glacial Terrain, Tippecanoe County, Indiana."

Terry West is also a member of the planning committee for the annual ISMR meeting, appointed by the Director of the Indiana Department of Natural Resources (IDNR).

**Note:** This will be the last newsletter of the semester. The next issue is planned for Monday, January 7.

## FALL GRADUATES

### Paul Landis, M.S.

Advisor: Ken Ridgway



Paul's thesis is entitled "Stratigraphic Framework and Provenance of the Eocene-Oligocene Kulthieth Formation, Alaska: Implications for Paleogeography and Tectonics of

the Early Cenozoic Continental Margin of Northwestern North America". Paul has accepted a position with Chevron.

### Yinghui Sui, Ph.D.

Co-Advisor: Terry West

Co-Advisor: Jane Frankenberger



Yinghui's thesis is entitled "Potential Impact of Controlled Drainage in Indiana Watersheds".

### Dustan Wheatley, Ph.D

Advisor: Jeff Trapp



Dustan's thesis is entitled "The Effect of Mesoscale Heterogeneity on the Initiation and Subsequent Evolution of Simulated Convective Systems". Dustan has accepted a position with the National Severe

Storms Laboratory in Norman, Oklahoma.

## CALL FOR SOFTWARE IN INSTRUCTIONAL LABS

In preparation for the spring semester, please verify that software needed for instructional purposes are installed in the lab. If you need software installed on the Linux or Windows machines in CIVL 4247 or in an ITaP instructional lab elsewhere on campus, please contact [eas-itap@purdue.edu](mailto:eas-itap@purdue.edu) as soon as possible. For ITaP computers (including the Windows computers in the EAS instructional lab), the turn-around time for software installation can be as great as two or three weeks.

### HYPOCENTER DOWNTIME SCHEDULED

In order to apply routine security patches to the department's file and print server (hypocenter.eas.purdue.edu), a brief downtime must be scheduled. Hypocenter will be down from 7:00-9:00 a.m. on Wednesday, December 19, 2007. During this time, shared and personal (Z:) space on hypocenter, as well as printing to EAS printers will be unavailable.

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### MATLAB R2007B AVAILABLE FOR TESTING

In preparation for an upgrade before the start of the spring semester, the newest release of MatLab (R2007B) is available for testing on EAS Linux and Solaris machines. The new version can be found at

Linux (standard): /project/hypocenter/group/rherban/matlab

Linux (64-bit): /project/hypocenter/group/rherban/matab64

Solaris: /project/hypocenter/group/rherban/matlab-solaris

The update will be installed on Wednesday, January 2. Availability for Windows and Macintosh systems will be announced shortly.



### A NOTE FROM OUR ACADEMIC COUNSELOR

#### Congratulations to EAS December 2007 Candidates

Mark Kannen  
Kesler Krieg  
Joseph Kutch

Lee Ann Okuly  
Zachariah Reinebold  
Hollis Yenna

Commencement is Sunday, December 16, at 2:30 p.m. in the Elliott Hall of Music. College of Science Reception in Lawson Commons at approximately 4:00 p.m.

Nancy

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### HAPPY BIRTHDAY!!!

Eric Riggs – December 29

Harshvardhan – January 1

Qianlai Zhuang – January 2



### ABOUT THIS NEWSLETTER:

This weekly newsletter will be the place to look to keep up with departmental happenings, announcements (seminars, student group events, scholarship and award deadlines, departmental committees), job and grant opportunities, and anything else you need to know about the department. It should cut down on the glut of email and other forms of separate announcements – **if it is in the newsletter, we assume you know about it** and no other reminders are needed. Past issues will be available on our department web site ([www.purdue.edu/eas/](http://www.purdue.edu/eas/)). Material for inclusion in the newsletter should be submitted to Gina Richey ([grichey@purdue.edu](mailto:grichey@purdue.edu)) by **Friday noon** of each week for inclusion in the Monday newsletter.

Also, as an additional resource for information about departmental events, seminars, deadlines, etc., see our departmental calendar at <http://calendar.science.purdue.edu/eas/seminars>.

