

September 21, 2009

## UPCOMING MEETINGS

### Monday, September 21

- Primary Committee, CIVL 3201 (11:45 a.m.)

### Wednesday, September 23

- EAS Leadership Committee, CIVL 2173 (9 a.m.)

### Monday, September 28

- Primary Committee, CIVL 3201 (11:45 a.m.)

## THESIS DEFENSE

**Wednesday, September 23, at 9 a.m. in CIVL 2201:** "Coulomb Stress Evolution Due to Coseismic, Postseismic and Interseismic Deformation in Southern California, NE Caribbean and Southern Alaska." PhD Defense for Syed Tabrez Ali; Advisor: Andy Freed

## EAS SEMINAR

**Thursday, September 24, at 3:30 p.m. in CIVL 2201:** "Modern Era Retrospective-analysis for Research and Applications (MERRA) Global Water and Energy Budgets." Michael Bosilovich, NASA GSFC Global Modeling and Assimilation Office

Refreshments at 3 p.m. in CIVL 2201

For more information, see the EAS online [calendar](#).

## OUTSTANDING ALUMNI RECEPTION/SEMINARS

This year's EAS Outstanding Alumni are Marline Breece (1979 BS Atmospheric Science) and Mark Longacre (1981 MS Geophysics). We will have a reception for them on Friday, September 25 starting at 2:00 in CIVL 2201. Seminars will be presented starting at 2:30 p.m. also in CIVL 2201.

## RADIO INTERVIEW

Angel R. Torres Valcarcel (PhD candidate), gave a radio interview by phone on September 3<sup>rd</sup> and 16<sup>th</sup> from 3:30 to 4 p.m. for WALO 1320 Humacao, Puerto Rico. The topics: Impact of Land-use and Land-cover in Puerto Rico's Climate / Land Surface Impacts on post land-fall storm structure (September 3); COSUAM (September 16). The radio program was, *A Ciencia Cierta* (Science Certainty) hosted by Susan Soltero, local reporting meteorologist.

## OUR RECENT PUBLICATIONS

Xiao, J., Q. Zhuang, E. Liang, A.D. McGuire, A. Moody, D.W. Kicklighter, X. Shao, and J.M. Melillo, 2009: Twentieth-Century Droughts and Their Impacts on Terrestrial Carbon Cycling in China. *Earth Interactions*, **13**, 1-31.

## RECENT PRESENTATION

Dr. Prashant Shrivastava, US-INDIA Fulbright Visiting Scholar, delivered an invited talk in the Department of Earth Science at IUPUI, Indianapolis on 17<sup>th</sup> September 2009. The title of his talk was "Impact of Bhilai Steel Plant Effluent on Ground Water Quality of Patan Block, Durg District, Chhattisgarh, India. In his presentation Dr. Shrivastava described the adverse impact of steel plant effluent on the health of villagers residing in that area. Prof. Jon Harbor, along with other faculty members, research scholars and students of IUPUI were present at the lecture.



## GEOSCIENCES CONGRESSIONAL VISITS DAY

Eric Riggs and graduate student, Russell Balliet, attended the American Geological Institute-sponsored Geosciences Congressional Visits Day, September 15-16, 2009. They heard briefings and updates on a wide array of Federal agencies involved in geoscience funding and research, and met with the staffs of Senator Richard Lugar, Congressman Steve Buyer and Congressman Mark Souder. They had the opportunity to showcase Federal investments in geoscience research and education at Purdue and nationwide.

## REMINDER

Spring 2010 course requests are due to Virginia ([vewing@purdue.edu](mailto:vewing@purdue.edu)) on Tuesday, September 22. Atmospheric Science group – give your requests to Gina ([grichey@purdue.edu](mailto:grichey@purdue.edu)).



## WEATHER FORECASTING TEAM CALLOUT

It is time to sign up for the Purdue forecasting team, which will participate in the Wxchallenge (<http://wxchallenge.com>) national forecast contest again this year. We will be competing against forecasters from more than 50 institutions across North America as we predict tomorrow's weather conditions for 10 different cities during the upcoming academic year. Awards will be presented to the top individual forecaster for each city and an overall team trophy will be awarded at the end of the year. The contest begins this year with Charleston, South Carolina on September 28. If you are interested in participating, or have any questions, please contact Prof. Baldwin ([baldwin@purdue.edu](mailto:baldwin@purdue.edu)) before September 24.

## WEATHER BRIEFING SCHEDULE

As part of the Team Weather Forecasting course, we will hold a daily ~20 minute weather briefing. The briefings are open to everyone who wishes to attend and will be scheduled as follows: Mon: 9:00-9:20am, Wed/Fri: 1:00-1:20pm, Tue/Thu: 11:45-noon, in CIVL 4175. These discussions are intended to provide a summary of the current and future weather, allowing the class to examine and discuss the interesting weather events and forecasting issues of the day. EAS 391F students will lead the briefings and the audience is welcome to participate in the discussion. Students not enrolled in the course are welcome to sit in at anytime. If you have any questions, please contact Prof. Baldwin ([baldwin@purdue.edu](mailto:baldwin@purdue.edu)).

## EAS TECHNOLOGY SUPPORT NEWS

### Mathematica technical seminar on Wednesday

Our Wolfram Research representative, Justin Smith, will be on campus this coming Wednesday, September 23, to give a technical talk on Mathematica 7.

The seminar will be given 100% in Mathematica and will show useful teaching and research examples for the physical sciences. Ideas for creating universal examples in Mathematica that can be used by colleagues or students with no prior Mathematica experience will be a central theme.

The content will help you to get started with the Mathematica language and workflow. Since there is a large amount of new functionality in Version 7, most intermediate and advanced users who attend these talks report learning quite a bit as well. Attendees will receive an electronic copy of the

examples, which can be adapted to individual projects.

Students are also welcome; please invite any graduate students or students in your courses.

*[Above text adapted from Justin Smith.]*

### Meeting time and location:

Wednesday, September 23  
10:00 - 11:00 a.m.  
FREH 2-1 Conference Room

## CHEVRON INFORMATION SESSION

On Wednesday, September 30, at 5 p.m. in CIVL 2201, Janet Yun and Cathy Thibault will present an Earth Science Information Session. All interested students and faculty are invited to attend. Chevron will then host a cookout for the students at the home of James and Gabi Ogg (1224 N. Salisbury, West Lafayette). To ensure enough food, please RSVP to Kathy Kincade ([kkincade@purdue.edu](mailto:kkincade@purdue.edu)) by **Friday, September 25** if you plan to attend. For your convenience, you will find a walking and driving map on the last page of this newsletter.

## A NOTE FROM OUR ACADEMIC COUNSELOR

### Schedule Revision Dates

**Today**, September 21 is one of the drop deadlines for those classified as sophomores and above. This date requires just my signature, yours, and paperwork to Hovde. From September 22 – October 28 you will need instructor's signature as well – again for sophomores and above. Others have until **October 28** with just your and my signatures.

### Air & Waste Management Association Callout – Purdue Student Chapter

Wednesday, September 23, in CIVL 1251 at 7 p.m. Build your professional resume with participation. EAS alum Brooke Myer will be here to help promote and can talk about her career in air quality. I have membership applications and other information in my office if you cannot attend the callout. <http://www.awma.org>

### Career

On Campus Recruiting (Interviewing) through [CCO Express](#) begins on Monday, September 21, 2009. Many employers are currently accepting resume referrals.

The CCO is offering several job search workshops in the next weeks, including a new workshop entitled [InterNETworking](#). In this workshop, you will learn

how to network professionally online with social media. The first presentation with this topic will be Thursday, September 24 at 4:30 p.m. in UNIV 101.

#### **Heading to Graduate School?**

The National Physical Science Consortium (NPSC) offers fellowships for graduate school to eligible students who aspire to an advanced degree and

career in one of the physical sciences. To learn more and to apply go online to: <http://www.npsc.org/>. There is no cost to apply; deadline is **November 5, 2009**.

Nancy

#### **ABOUT THIS NEWSLETTER:**

This weekly newsletter is 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 departmental 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.

For answers to common technology questions and the latest updates from the EAS Technology Support staff, please visit <http://www.purdue.edu/eas/resources/it>.

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>.



scenic walking route

driving route

James and Gabi Ogg  
1224 N. Salisbury St.

Ogg

Happy Hollow School

Forest Hill

Leslie

Leslie

WL High School

Grant

Vine

Meridian

N. Salisbury

Ravinia

Meridian

Dodge

Northwestern Ave.

Evergreen

Grant

Allen

Stadium

Stadium

EAS

Northwestern Ave.

