

**PURDUE UNIVERSITY**  
**Dept. of Earth & Atmospheric Science Seminars**  
**Fall 2007**  
**Thursday, 3:30 PM, Room 1252 CIVL** (unless noted)

- Aug. 23 “Why Doesn’t This Model Reproduce Our Observations? A Meteorologist Looks at the Noah Land Surface Model”, Dr. Margaret LeMone      Host: E.Agee
- Aug. 30 “Site Characterization for the Design of Effective Groundwater Remediation Projects”  
Dr. John Moylan, Jahns Distinguished Lecture, U.S. Army Corps of Engineers (Retired),  
Kansas City, Missouri      Host: T. West
- Sept. 6 “Persistent Organic Pollutants in the Arctic”, Prof. Amanda Grannas,  
Villanova University      Host: P. Shepson
- Sept. 13 “The Problem of Turbulent Dispersion”, Prof. Benoit Cushman-Roisin,  
Dartmouth College      Host: J. Cushman
- Sept. 20 “A Bigger Sandbox: Ground Penetrating Radar Studies of Quaternary Geology  
(Rm3201) on Long Island”, Prof. Dan Davis, SUNY Stony Brook      Host: Saad Haq
- Sept. 27 “Lessons from Earth to Mars: Using Terrestrial Analogs to Understand the Red Planet”,  
Prof. Marjorie Chan, Univ. of Utah      Host: B. Beitler Bowen
- Oct. 4 “Paleoclimate of the Central Andes”, Dr. Christa Placzek, Purdue University
- Oct. 10 “From Earth's Atmosphere to Planetary Engineering of Mars: Adventures in  
(Wed.) Chemistry”, McCoy Lecture, Prof. Joseph Francisco, Purdue University,  
3:30 PM Fowler Hall; followed by Reception in Stewart Center.
- Oct. 11 TBA, Chevron Speaker on Energy Issues
- Oct. 18 “The Signature of Rainfall and Life on Soil Chemical and Physical Processes in Northern  
Chile”, Prof. Ron Amundsen, UC-Berkeley      Host: G. Michalski
- Oct. 25 “Determining and Understanding Patterns of Global Sea Level Change”,  
Prof. Carl Wunsch, MIT      Host: M. Huber
- Oct. 26 (Fri.) “Manned Spaceflight and the 2008 Hubble Mission”, Dr. Andrew Feustal,  
NASA Astronaut Corps.      Hosts: Nowack & Braile
- Nov. 1 “Potential Effects of Climate Forcing on Methane Cycling in Northern Peatlands:  
Stable Isotopic Evidence from Mesocosms and Natural Sites”,  
Prof. Jeffrey White, Indiana University      Host: Q. Zhuang
- Nov. 8 “Recent Advances in Understanding and Mitigating Rockfall in Yosemite National Park”,  
Dr. Greg Stock, Yosemite National Park Service      Host: H. Gilbert
- Nov. 15 “Correlation Distances in Atmospheric Measurements”, Dr. William Cooper, NCAR  
Host: S. Lasher-Trapp
- Nov. 21-23 *Thanksgiving Vacation*
- Nov. 29 “Ozone in the Troposphere - Chemical or Dynamical Control? New Insights from Strategic  
Ozonesonde Networks”, Prof. Anne Thompson, Penn State; Hosts: Harshvardhan & Shepson