



September 2008 Newsletter

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Viewpoint: Meeting on the Mountain

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This is your Society's main event for the year, so don't miss the meeting on the mountain!

Alan Dulaney,

AHS Corporate Board President, 2008

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Please note, there will no Phoenix Chapter dinner meeting in September. We look forward to seeing you at the Symposium in Flagstaff instead! Our next dinner meeting will be held October 14th when Dr. Brian Wahlin from WEST Consultants will present his unsteady HEC-RAS canal operation simulator.

Seeking Nominations for Chapter Officers for 2009

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The Phoenix Chapter is seeking nominations for all offices of the Chapter Board for 2009. So if you are interested in making an important contribution to the Society, please step up! We have many long serving board members looking for a bit of relief, and also have the additional demands of the Symposium in 2009, so additional help on the Board is needed to allow members to spread themselves around to the various activities needing attention next year including organizing and shepherding dinner meetings, administering the Bouwer internship, judging the spring science and engineering fair, and lots more.

Offices on the Board include President, Vice President, Treasurer, Secretary, two Chapter Board positions, and one Corporate Board position. There are no special requirements of board membership except you must be an AHS member (and not, that's easily rectified!) and have a willingness to provide input and give something back to the Society. The Chapter normally meets monthly except Aug. & Sept. in advance of the chapter dinner meetings. Board members can expect to spend about 4 to 8 hours a month preparing for and participating in board meetings and other chapter activities. The Chapter and Corporate Board members also meet quarterly with the Corporate Board members from Tucson and Flagstaff. These meetings are held for four hours on Saturdays – once in Flagstaff (July), once in Tucson (Jan.) and twice in Phoenix (April and October). Participation in the Chapter Board is a great way to learn more about the Society and help chart our path forward. No dues can be made to current Chapter President, Ted Lehman, at ted@jefuller.com or 480-222-5709. I look forward to hearing from you.

2009 AHS Annual Symposium

The 2009 Annual Symposium, "Managing Hydrologic Extremes", will be held at The Westin Kierland Resort & Spa in Scottsdale through September 2, 2009. The event will be a joint symposium with the 2009 national conference of the American Institute of Hydrology (AIH). With the help of AIH and all our AHS volunteers and participating sponsors, we hope to make a fabulous, successful event at a super venue. We are also planning to organize a published volume of the proceedings, which normally produces published proceedings and we are looking to continue their tradition for 2009. So if you or someone you know is interested in seeing their paper in print, here's your chance. Start thinking of those paper ideas now! Look for more details as 2009 planning continues...

Planning for 2009 Symposium continues, Oct. 7th at JEF Tempe

Planning for the 2009 AHS Symposium continues and we will be meeting regularly to hammer out details of program content, sponsorship, marketing, proceedings, workshops, field trips, etc. The next planning meeting is scheduled for Tuesday, October 7, 5 PM at the Tempe offices of JE Fuller. If you are interested in helping with the planning process or just listening in, please contact Ted Lehman at ted@jefuller.com or 480-222-5709, Lee-Anna Walker at LeeAnna.Walker@arcadis-us.com or Christi

coday@acstempe.com or 480-894-5477 or Keith Ross at keithr@hgcinc.com or 480-421-1501. We'd love to have you really use your help.

Zuni Basin Fossil Field Trip, Oct. 10-12, near Springerville, AZ

The Phoenix Chapter along with assistance from Erin Young of the Flagstaff Chapter (thanks Erin!) is coordinating a very unique spot in northeastern Arizona to examine real life dinosaur fossils! Details are still being worked out but they know:

The trip is planned over the weekend of Oct. 10 – 12 (Yes, I know that's Fri-Sun. Read on.). Remember its four hours from Springerville and then an hour or so of dirt to get to the site. So interested participants will probably need to leave early on Friday to get to Springerville. We plan to stay in Springerville at Reeds Lodge on Friday and Saturday return home in the evening. We're working with Reeds Lodge on a group rate. We will let you know once we have a cost nailed down. Feel free to negotiate upgrades from there if necessary. Yes, camping is cheaper but is logistically more complicated and slows things down based on Doug's experience. However, you're welcome to meet us at Reeds Lodge Sat. am.

The field excursion itself will take place on Saturday and Sunday. We still need to figure out the food, but tentatively we will organize lunches and let folks organize their own breakfasts and dinners.

The sites are at 7000 feet or so and very remote. People need to be in pretty good shape (probably no problem for them). We will not allow people to drive personal vehicles to the site. We are getting costs for a couple 15 passenger vans and a couple 4-wheel drive support vehicles. People will need to know there can be no private collecting. The sites are on private property. We will have to have people sign a statement accepting these conditions and agreeing to keep the sites closed. Basically say the bus/van leaves from Reeds each morning about 8:30 to the site. If not on the bus, please enjoy being in downtown Springerville. Doug says you will see why this is necessary if you come.

We will see dinosaur bones, fossil trees etc in the field and track ways and explore some promising territory. The cost of the car/van pool logistics will be advertised as soon as we have them worked out. Persons interest in the field trip should contact Lehman or Erin Young (eyoung@flusol.com). Thanks again to Doug Wolfe for volunteering to share this great field experience with AHS.

2008 Event Calendar

- September – 2008 Symposium Flagstaff
- October – Dr. Brian Wahlin, WEST Consultants, Unsteady HEC-RAS canal training simulation tool
- November 18th – Third Tuesday meeting to avoid Veteran's Day – Matt Beversdorf, ADWR, ADWR Groundwater web application, check out the Beta version now: http://arcims.azwater.gov/gwsi_web93/SearchGWSI.aspx
- Weekend of Oct. 10-12, Zuni Basin fossil field trip, Doug Wolfe, Renaissance Environmental Management, Logistics costs & other logistics TBD

Tucson Chapter

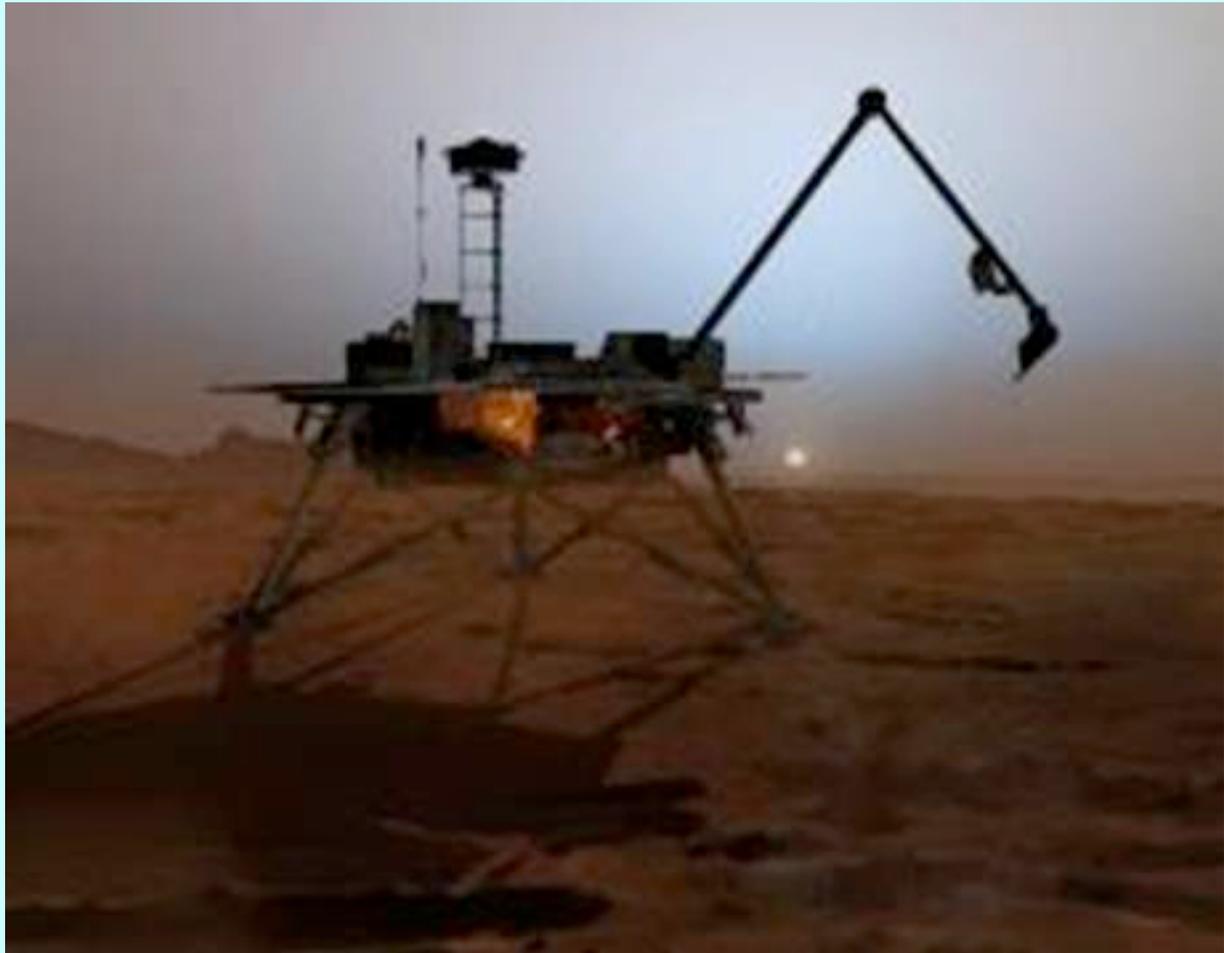
August Meeting-Phoenix Mars Mission Science Operations Center Tour

On August 16th, 2008 members of the Tucson Chapter of the Arizona Hydrological Society participated in a unique tour of the Phoenix Mars Mission Science Operations, which is located in central Tucson. Approximately 15 AHS members with

participated in the tour.

Carla Bitter, the tour guide for our group, bubbled with energy and enthusiasm as she welcomed members for a com Bitter is the education and public outreach manager for The University of Arizona-led Phoenix Mars Mission. The mis first in NASA's Scout Program, with the Phoenix designed to study the history of water and the habitability potential i arctic's ice-rich soil. Ms. Bitter and the education and public outreach team, together with Mars education partners, h developed and offer a variety of educational talks, activities, workshops, and programs to help the public understand science and engineering objectives and to promote space exploration. "I was amazed at the depth of knowledge and of the tour guide to translate what the various teams of researchers are discovering daily into something that the gen can understand. I was also amazed by her (Ms. Bitter) ability to answer the questions from our group about the scier engineering, and history of the mission," said Amy Macleod, AHS member.

Encouraging students to pursue careers in the STEM fields (Science, Technology, Engineering and Math) is one of t of the nationwide EPO effort managed by Ms. Bitter. Included in the overall mission's plans is the public outreach eff locally includes tours to the UA's Science Operations Center. The tours are open to the public, with the mission hosti interested individuals, schools or organizations such as the Arizona Hydrological Society. "In the past two years 20,0 have toured the facility in addition to our regional and national outreach programs," Ms. Bitter said. The tour consists minute mission overview with time for questions and answers. The presentation contains up-to-date photos of the im Phoenix sends back daily, which are displayed on three large screens with some images shown in 3-D. The images viewer with a "must see" view of the Mars landscape.



Mars Lander



Tucson Chapter

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