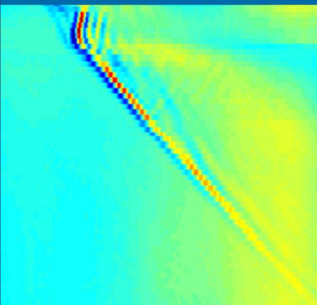


SEG-AGU Hydrogeophysics Workshop



**BOISE, IDAHO USA
8-11 JULY 2012**



SEG-AGU Hydrogeophysics Workshop

8-11 July 2012

Boise State University, Boise, Idaho, U.S.A.



Society of Exploration Geophysicists
The international society of applied geophysics



Abstract submission deadline: 21 March 2012

Advance registration deadline: 7 June 2012

The need for sustainable management of our fresh water resources is one of the great challenges of the 21st century. Meeting this challenge requires significant advances in both science and technology. This workshop addresses current hydrogeophysical approaches for determining/predicting/studying hydrologic properties and processes in both the saturated and unsaturated zones, at scales ranging from centimeters to watersheds. Through presentations of original research in our "General Sessions", and analysis and interpretation using shared hydrogeophysical datasets in our "Homework Sessions", the workshop will highlight the state of the science and critical future directions. We have defined topics for the General Sessions and will organize sessions around more specific topics with ~10 presentations in each session, based on the submitted abstracts. Our Homework Sessions will allow different investigators to independently analyze a shared dataset, with each homework designed to explore important aspects of acquiring, analyzing and interpreting hydrogeophysical data. In order to promote discussion, all accepted abstracts (for General and Homework Sessions) will be presented as posters, with a 3-5 minute oral presentation as an introduction. After viewing of posters, all sessions will reconvene for a panelled discussion.

The organizing committee welcomes abstract submissions for General Sessions and Homework Sessions. The datasets to be used in the Homework Sessions will be available by November 29th for download at <http://cgiss.boisestate.edu/HW2012/>. We encourage attendees to submit an abstract to both a General Session and a Homework Session.

TOPICS FOR GENERAL SESSIONS

- Characterizing Near-Surface Structure and Properties
- Advances in Monitoring and Time-Lapse Imaging of Subsurface Processes
- Thinking About Scaling Up: Geophysical Methods at the Watershed Scale

HOMEWORK SESSIONS

- The Use of Electrical Resistivity Measurements for Monitoring Subsurface Processes: Quantifying Noise and Uncertainty
- The Ultimate Tomography Bake-Off Challenge Using Boise Hydrogeophysical Research Site Borehole Seismic and GPR Datasets
- Designing the "Perfect" Field Experiment

For detailed descriptions of these sessions, please visit <http://www.seg.org/meetings/hydrogeo12>

Meeting Schedule:

Sunday, 8 July – Registration and Ice Breaker

Monday, 9 July through Wednesday, 11 July – Sessions will be held Monday and Wednesday morning and afternoon, and Tuesday morning and evening. Tuesday afternoon will remain open for attendees to visit the Boise Hydrogeophysical Research Site. The workshop will include a dinner on Monday evening.

Abstract Format: Abstracts should include sufficient detail for the committee to judge the quality of the proposed presentation. Abstracts should be approximately 1 page of text, in Times Roman font size 10-12 points. An additional page can be included with one figure. The title should be in bold font. Below the title, authors should be listed. Immediately below the list of authors, please give the affiliations and email addresses for all authors. All text must stay 1 inch clear of the margins of the page.

Meeting Venue: Boise State University will serve as the meeting venue. A block of hotel rooms has been booked at The Grove Hotel in Boise. In addition, we will have 30 dorm rooms available, on a first-come basis, as a low-cost option.

Abstract Submission: All abstracts along with application forms must be submitted electronically to awatson@seg.org in PDF format, by 21 March 2012.

Workshop Participants: In addition to those submitting abstracts for presentation, we welcome at this time application forms from others interested in attending the workshop. If the number of applicants exceeds the capacity of the conference facilities, preference will be given to presenters. Capacity for this workshop is 80 participants.

Registration: All registration rates will be published when the acceptance letters for presentations are sent out.

Student Registration: Students are strongly encouraged to submit abstracts. We anticipate having funding available to subsidize registration costs for students. Preference will be given to students who participate in a Homework Session in addition to, or instead of, a General Session.

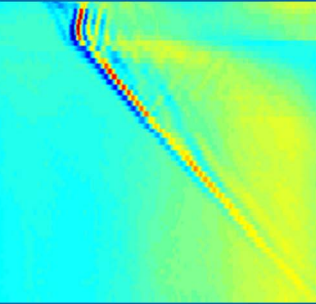
Sponsorship: Sponsorship opportunities are available by contacting Amy Watson at awatson@seg.org or at <http://www.seg.org/meetings/hydrogeo12>.

Organizing Committee

Rosemary Knight (Stanford Univ.), James Irving (Univ. of Lausanne), Rob Jacob (Bucknell Univ.), Lee Liberty (Boise State Univ.), Kamini Singha (Penn State Univ.), Jan van der Kruk (Research Center Jülich)

www.seg.org/meetings/hydrogeo12

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**SEG-AGU Hydrogeophysics Workshop
Application Form**

8-11 July 2012

Boise State University, Boise, Idaho, U.S.A.

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awatson@seg.org



PRINT IN BLACK INK OR TYPE

Mr. Ms. Dr. Student: Yes No

Name _____

Company/Organization _____

Mailing Address _____

City _____ State _____

Postal Code _____ Country _____

Business Phone _____

E-mail _____

Select your preference: General Session Homework Session No presentation, discussion contribution only

If presenting, please complete the following information and submit abstract via email to: awatson@seg.org

Title _____

Signature _____

Note: The mechanical recording of any portion of the 2012 SEG-AGU Workshop in any form (photographic, electronic, etc.) is strictly prohibited. Only registrants are permitted to attend Workshop sessions. Each participant agrees to the above regulations when application is accepted, as indicated by his or her signature on this form.