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## Upcoming Events

- August 10-12, 2009  
[2009 AMS Summer Community Meeting](#); Norman, OK
- August 10-14, 2009  
[33<sup>rd</sup> IAHR Congress](#); Vancouver, BC
- September 14-16, 2009  
[Forest Service to Host 2nd International Conference on Forests and Water in a Changing Environment](#)
- October 12-15, 2009  
[Scintillometry Workshop](#) - Socorro, NM
- October 18-21, 2009  
[2009 GSA Annual Meeting](#) - Portland, OR
- November 9-12, 2009  
[Water-Ecosystem Services, Drought, & Environmental Justice: 1st Millennium Conference of ESA](#) - Athens, GA
- December 14-18, 2009  
[AGU Fall Meeting 2009](#), San Francisco, CA
- March 13-20, 2010  
[DISCCRS: Interdisciplinary Climate Change Research Symposium](#) - Saguaro Lake Ranch, AZ
- April 25-29, 2010  
[National Water Quality Monitoring Council 7<sup>th</sup> National Monitoring Conference](#) - Denver, CO
- August 23-27, 2010  
[ASCE 2010 Watershed Management Conference](#) - Madison, WI

## For Your Information

**DISCCRS IV Symposium** — The Dissertations Initiative for the Advancement of Climate Change Research (DISCCRS, pronounced

## CUAHSI HIS Training in South East Asia

Ilya Zaslavsky and Tom Whitenack from San Diego Supercomputer Center (SDSC) gave a tutorial on CUAHSI Water Data Services to a group of 25 participants from all over Southeast Asia (Malaysia, Indonesia, Vietnam, Philippines, Myanmar, Laos, Mekong River). The tutorial was a two-day training session with a combination of presentations and hands-on exercises. This was followed by a day-long field trip to several key water management agencies in Kuala Lumpur and another two days which included introductions to climate change modeling and a general discussion of data sharing opportunities.



As a result of the workshop, an HIS server and an HIS Central registry were established at the University of Malaya. The server already hosts 5 datasets contributed by workshop participants, for three SEA countries. The plan is to make it an HIS data sharing node serving the SEA region, and cultivate a group of data managers from different countries who would collaborate on standards-based publishing of hydrologic data. That latter goal is supported by a new Google "group" which was just started called SEAHydro.

For more information, contact Ilya Zaslavsky ([zaslavsk@sdsc.edu](mailto:zaslavsk@sdsc.edu))

A selection of photos is available for viewing at: [picasaweb.google.com/zin.work/Malaysia\\_workshop?authkey=Gv1sRgCl6zrb2M2-2IKQ#](http://picasaweb.google.com/zin.work/Malaysia_workshop?authkey=Gv1sRgCl6zrb2M2-2IKQ#).

## Hydrologic Information System at Fall AGU

There will be a special session at Fall AGU (San Francisco on 14–18 December 2009) entitled "**User and Developer Perspectives on Cyberinfrastructure in Hydrologic Science**" ([Session H20](#)). Contributions are solicited from these perspectives on user requirements and technological opportunities for data access and modeling. CUAHSI Water Data Services, developed by the Hydrologic Information System project, will be featured at this session.

Other special sessions of particular interest to the CUAHSI community are:

- Session H19—**Progress in Hydrologic Science since the Blue Book: The NSF Hydrologic Science Program** [[more information](#)]
- Session H39—**Information Needs and Optimal Design of Data Acquisition Campaigns in Hydrogeology** [[more information](#)]
- Session H63—**Upscaling and Process Emergence: Field Experiments and Predictive Tools to Bridge Temporal and Spatial Scales in Hydrology.** [[more information](#)]

For a list of all Hydrology-related Sessions at Fall AGU, please visit the following session search page for [Results for Sessions Sponsored by Hydrology](#).

The **deadline** for submitting abstracts is **3 September 2009**. For instructions on submitting an abstract, see AGU's [Abstract Submissions](#) page at [www.agu.org/meetings/fm09/program/abstract\\_submissions.php](http://www.agu.org/meetings/fm09/program/abstract_submissions.php).

discourse) symposium will be held in the Tonto National Forest outside Phoenix, Arizona on March 13 - 20, 2010. The gathering brings together graduates across the entire spectrum of natural- and social-science fields relevant to climate change/impacts. Participants will provide oral and poster presentations in plenary format, hone interdisciplinary communication and team skills, and discuss emerging research, societal and professional issues with each other and with established researchers invited to serve as mentors. Participation will be limited to 34 early career scholars identified by an interdisciplinary committee of research scientists based on review of submitted applications. **Application Deadline 31 August 2009.** [[more information](#)]

**CUAHSI 2009 Hydrograf(x) Competition Expanded** — CUAHSI's Hydrograf(x)—a competition for short films in hydrology—has been expanded this year to include entries from both undergraduate and graduate students. This includes both pre-service and in-service K-12 educators doing Continuing Ed coursework to meet professional certification requirements. **The deadline for entries is 15 November 2009.** The goal of this competition is to foster greater understanding and appreciation of hydrologic science. This competition also provides you and your students with an opportunity to present principles of hydrology in a non-traditional format as well as a means to interact with audiences that would not regularly be reached through more formal means. [[more information](#)]

**HydroHUB: Proposed Modeling Infrastructure for the Water Science and Engineering Communities** — Computer models play a central role in meeting the science challenges facing hydrology and other water-related sciences because we need them to test hypotheses, and ultimately to provide simulations that guide policy and decision making. Despite their importance, aspects of simulation tools are far from ideal and this has motivated recent workshops and projects to seek improvements. Learn about a proposed new web-based, collaborative infrastructure for science and engineering fields broadly related to water. [[more information](#)]

Contact CUAHSI

## NRC Letter Report Assessing the WATERS Network Science Plan

The National Research Council released its Letter Report Assessing the [WATERS Network Science Plan](#). Available at [www.watersnet.org/docs/WATERS\\_Letter\\_Report\\_FINAL.pdf](http://www.watersnet.org/docs/WATERS_Letter_Report_FINAL.pdf), the report considers two questions:

1. "whether the Science Plan sets forth a vision of what could be accomplished with an observing network to transform water science and engineering research and education" and
2. "whether the Science Plan makes a compelling case for establishing the WATERS Network with Major Research and facilities Construction (MREFC) funding"

In an affirmative declaration about the transformative science that the WATERS Network would enable, the Report says that the WATERS Network:

- "would be the first MREFC project to span natural sciences, social sciences and engineering;"
- "would become a model for conducting interdisciplinary research within NSF and MREFC;"
- "succeeds in communicating a . . . vision for transforming water science and engineering research;"
- "support[s] research on how better to design and build engineering systems for water management."

However, the Report questions whether the WATERS Network fits the MREFC structure:

- "careful attention to . . . a complete plan for cyberinfrastructure will be critical;"
- "proposed network . . . appears to be a collection of many pieces;"
- "does not clearly articulate a rationale for why WATERS as a facility is required to address the key science questions;"
- "an alternative funding procedure under the MREFC or some other mechanism within NSF might be considered for establishing a phased network."

The Report concludes: "The Science Plan presents a compelling case for the need for new work in natural science, social science, and engineering, but the committee found the question of whether the project should be established within the MREFC framework to be less clearly answered by the Science Plan."

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## National Science Foundation Request for Reviewers for ARRA Activity

The National Science Foundation ([NSF](#)) is seeking reviewers expertise for their upcoming panels to review proposals for the [Academic Research Infrastructure - Recover and Reinvestment](#) (ARI-R<sup>2</sup>) program. This program is supported by the American Recovery and Reinvestment Act of 2009 (ARRA). ARI-R<sup>2</sup> is designed to support 21st century research and research training infrastructure in our Nation's academic institutions and non-profit research organizations, such as research museums, research laboratories, and research consortia. ARI-R<sup>2</sup> will revitalize existing research facilities so that they provide next-generation research infrastructure and facilitate the integration of researchers with shared resources such as remote instruments and research platforms, data repositories, and national computing facilities. Research facilities are shared space where sponsored and/or unsponsored research activities and research training take place. They may be "bricks and mortar," mobile or virtual research space.

NSF is in need of expertise in a wide range of fields to evaluate the proposals submitted to this competition. NSF is in need of reviewers in three broad categories: **(a)** expertise in a scientific, engineering or architecture field, **(b)** experience in managing large facilities and centers, or **(c)** expertise in computer networking. The merit review panels for this activity will be held during three weeks in October, 2009.

If you have an interest in participating in the merit review process of this important program and have the time to serve on a panel in October, 2009, please go to [www.nsf.gov/od/oia/programs/ari/ari\\_reviewer/](http://www.nsf.gov/od/oia/programs/ari/ari_reviewer/) and complete and submit the short form indicating your field of expertise and availability.

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