CUAHSI universities allied for water research

eNews Brief

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Upcoming Events

July 12-17, 2009
Gordon Research Conference on Catchment Science, Proctor Academy - Andover, NH

August 2-5, 2009
CUAHSI/USGS/UVM Sensor Workshop; Burlington, VT

August 10-12, 2009
2009 AMS Summer Community Meeting; Norman, OK

August 11-14, 2009
33rd IAHR Congress; Vancouver, BC

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

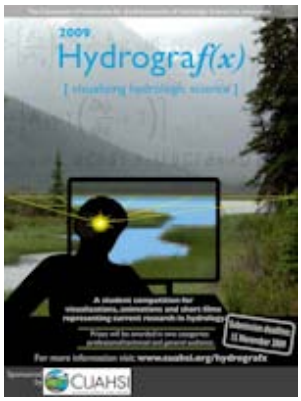
April 25-29, 2010
National Water Quality Monitoring Council 7th National Monitoring Conference - Denver, CO

August 23-27, 2010
ASCE 2010 Watershed Management Conference - Madison, WI

For Your Information

Synthesis Summer Institute Capstone Events — The Synthesis Summer Institute Capstone Events conclude an intensive, interdisciplinary

2009 CUAHSI Hydrograf(x) Competition Now Accepting Entries



CUAHSI's Hydrograf(x) is a competition for short films in hydrology open to undergraduate and graduate students.

The goal of this competition is to foster greater understanding and appreciation of hydrologic science. This competition also provides you 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.

A simple definition of hydrology is the science focused on understanding the terrestrial components of the global water cycle. This would include the movement of water, and materials contained in the water, into and within/on the surface and subsurface of the earth as well as the "storage" on the surface (e.g., lakes) and subsurface (groundwater).

You may use any (or all) of three general type of formats in the development of your project:

- documentary—live action
- animation—such a cell, stop action or computer generated
- visualization—graphical images generated from data sets

Visit the Hydrograf(x) home page for details.

Hydrologic Science Program Budget Up at NSF for FY09

The Water Processes in the Environment line item included in the FY09 budget was $10M across NSF, about half coming to GEO. Within GEO about half was allocated among the three Divisions (EAR receiving ~$1M) with the balance being held at the Directorate level. In the proposed FY10 budget, Water Processes has been incorporated into the Climate Science program. With the Water Processes supplement, the HS FY09 budget will increase 9.8% over its FY08 level.

In addition, the HS program is receiving a total of ~$6.4M in ARRA funding, ~$5.4M to fund highly ranked HS proposals that would otherwise be declined and ~$1M for CAREER and young investigator awards. The HS FY09 spending (FY09 + ARRA) will thus be about $7.4M over its FY08 level, an increase of almost 70%.

CUAHSI/USGS/UVM Sensor Workshop Upcoming

This 3-day training workshop (**August 3-5, 2009**) will focus on how to successfully deploy, maintain and process data from in situ optical sensors in freshwater systems. The workshop will focus on the use of in situ fluorometers and spectrophotometers for studies of organic matter, nitrate and particulates in rivers, streams and lakes. The workshop will be led by the USGS Bay-Delta Carbon Group (California Water Science Center), which is one of the few groups conducting research with in situ optical sensors in freshwater systems.

summer research experience for graduate students. With a symposium format, these events provide great opportunities for participants to engage with a diverse team of scientists and advance hydrologic synthesis. [more information]

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Registration is limited to 30 participants on a first-come, first-served basis. Visit the CUAHSI HMF Sensor Workshop Web page for more information or register for the workshop now.

CUAHSI/HMF Scintillometry for Validation and Calibration of Remote Sensing ET Algorithms

The objectives of this Hands-On Workshop (**October 12-15, 2009**) are to instruct the participants (1) in the theory of scintillometry, site selection, installation of scintillometers, data-logging, and data analysis through lectures and hands-on exercises in the field and (2) how to assimilate scintillometer field measurements with ET remote sensing algorithms.

Registration is limited to 17 participants on a first-come, first-served basis. Visit the CUAHSI HMF Scintillometry Workshop Web page for more information or register for the workshop now.

Welcome to a New CUAHSI Affiliate Member—RTI International

We would like to take this opportunity to welcome a new organizations into the CUAHSI membership ranks as an affiliate member. RTI Interational, among other things, provides technical, analytical, and logistical services and expertise in water quality and water resource management. For more than 20 years, their researchers have assessed surface water and groundwater resources. Their clients include the U.S. Environmental Protection Agency (EPA), all 50 U.S. states, major industrial facilities, and international organizations.
