



CUAHSI

universities allied for water research

eNews Brief

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Upcoming Events

January 13, 2009

[The Walter Orr Roberts Lecture](#)
Soroosh Sorooshian at 89th
American Meteorological Society
[Annual Meeting](#)

March 25-27, 2009

[Hydrology Days 2009](#) Colorado
State University

March 31-April 1, 2009

[Workshop on CHyMP 2009](#)
University of Memphis

April 19-23, 2009

[NGWA 2009 Ground Water
Summit](#) Tucson, Arizona

May 13-16, 2009

[NovCare 2009 Conference](#),
Helmholtz Center for
Environmental Research - UFZ,
Leipzig, Germany

July 12-17, 2009

[Gordon Research Conference](#) on
Catchment Science, Proctor
Academy - Andover, NH

August 11-14, 2009

[33rd IAHR Congress](#); Vancouver,
BC

November 9-12, 2009

[Water-Ecosystem Services,
Drought, and Environmental
Justice: The 1st Millennium
Conference of the Ecological
Society of America](#) - Athens,
Georgia

Call for Case Studies:

Deadline Feb 2, '09

For Your Information

[NOAA Seeks Applicants for the
Ernest F. Hollings Undergraduate
Scholarship](#). NOAA is accepting

CUAHSI Annual Meeting & Board of Directors Elections

CUAHSI held its Annual Membership Meeting on December 8, 2008. Among other items of business, elections were conducted for five open seats on the Board of Directors. The following people were elected to serve three-year terms as Directors:

Larry Band - University of North Carolina - Chapel Hill

Jay Famiglietti, University of California - Irvine

Tissa Illangasekare - Colorado School of Mines

Jennifer Jacobs - University of New Hampshire

Scott Tyler - University of Nevada - Reno

Thank you to all those individuals who participated in these important elections.

In addition, CUAHSI held its first Board of Directors meeting for 2009 on January 8-9 in Washington, D.C. During the meeting, **Larry Band** was elected as the Chair-Elect. **Jay Famiglietti** will serve as Chair and the Past-Chair position will be held by **Efi Foufoula**. **Larry Murdoch** was elected as an At-Large Executive Committee Member.

For other items of discussion, please refer to the [draft meeting minutes](#) found on the [CUAHSI Board Minutes](#) page at www.cuahsi.org/board-index.html.

Workshop on Community Hydrologic Modeling Platform (CHyMP): Blueprint for a CHyMP

CUAHSI is pleased to announce that [registration](#) is open for the 2nd Workshop on a **Community Hydrologic Modeling Platform (CHyMP)** at the University of Memphis on March 31 and April 1, 2009. The second workshop follows the [Scoping Workshop](#) held in Washington, D.C. in March, 2008. The goals of the first workshop were to scope the needs and requirements of a community modeling activity in hydrology from a small group with diverse modeling expertise. The idea was very well received.

We have organized the second workshop in order to move forward toward the development and implementation of a CHyMP. Our goal for this workshop is to engage a much larger group of 80-100 participants from a range of backgrounds including academic, research, government, industry and funding agencies. In particular we will work to refine the concept of the CHyMP and begin to identify its hydrologic components and technological specifications.

Additional details on the workshop, including the agenda and logistics, and workshop **Registration** are available at www.cuahsi.org/chymp-20090331.html.

For additional background information, refer to the [Community Modeling in Hydrologic Science](#) article in Eos, Vol. 89, No. 32, 5 August 2008.

GEOtop Modeling Software Available for Download

GEOtop is a distributed model of the mass and energy balance of the hydrological cycle, which is applicable to simulations in continuum in small catchments. GEOtop deals with the effects of topography on the interaction between energy balance and hydrological cycle with peculiar solutions. This manual explains the theoretical background, the model's structure, the code organization, the input and output files and some

applications for a scholarship program in honor of retired South Carolina Sen. Ernest F. Hollings, who promoted oceanic and atmospheric research throughout his career. This is the fifth year this scholarship is being made available to students interested in pursuing degrees in ocean and atmospheric sciences and education.

Deadline January 30, 2009!

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applications examples.

The executable and source code of version 0.935 KMackenzie of the distributed hydrological model GEOTop is available for download at www.geotop.org.

A presentation on GEOTop is available at www.cuahsi.org/biennial2008/archive.html.

CUAHSI Announced the Winner of the Hydrograf(x) Visualization Competition

Patrick Broxton's (University of Arizona - Hydrology and Water Resources) "**Visualization in Hydrology Using Google Earth**" was the winner of the Technical/Professional category for CUAHSI's [Hydrograf\(x\) competition](#). CUAHSI and all of its members congratulate Patrick for his efforts. He was recognized and received his award at the CUAHSI reception during Fall AGU 2008. First prize for the competition consisted of a fully paid trip to the fall meeting of the American Geophysical Union this past December.

Patrick's winning submission can be viewed at [SciVee](#). To get to know Patrick better, you can [view his online biography](#).

Summer Short Courses Hosted by Polytechnic Institute of NYU, Columbia University and PACE University

"Copula Function: theory and practice" - July 20-24, 2009: The short course introduces participants on [Copula function](#). In the four days either theoretical background and hydrological application will be given. In the fifth day participants are invited to prepare and show a project developed applying the routines explained during the course. **Application submission deadline: January 31, 2009.** [[more information](#)]

"GIS Terrain Analysis for Hydrogeomorphic Applications" - July 27-31, 2009: The short course introduces participants to the understanding and application of GIS-based terrain analysis principles and tools within hydrologic and geomorphic applications. State-of-the-art as well as standard GIS tools are taught during theoretical morning lectures and applied during afternoon labs during the first 4 days, while in the last day participants will develop and present results of their own projects. GIS terrain analysis tools developed by authors together with lecture-lab material will be distributed to participants on a CD. **Application submission deadline: January 31, 2009.** [[more information](#)]
