



# International Association of Hydrogeologists

## U.S. National Chapter

### December 2012 News Notes

Editors: Dave Kreamer and Suzanne Pierce



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## A Note from the Chair

Holiday greetings to all of our US National Chapter (USNC) members! As I begin in my new role as Chairman of the Board of Directors, I would like to give special thanks to our outgoing Directors (Bill Alley, Dave Kreamer, Jack Sharp) and North American Vice President (Lenny Konikow) for their excellent service to our chapter and IAH. Bill has been named Director of Science and Technology at the National Ground Water Association and we see this as an opportunity to further develop collaboration between the IAH and NGWA. Dave Kreamer has been elected IAH's North America Vice President and we are looking forward to his continued involvement as liaison to the International Secretariat. And while Jack and Lenny have left their leadership roles at IAH, I'm sure that both of them will remain active and provide insight to our current Board. Congratulations to Jack for being selected as the 2012 recipient of the IAH President's Award.

I would like to extend my appreciation to Mike Wireman for the excellent leadership he has provided as Chair of the USNC Board of Directors over these past four years. Mike has been a dedicated and visionary leader, guiding us through many recent accomplishments including working with Vicki Krestsinger Grabert to create a USNC website (<http://www.iah.org/usa/>), the establishment of an Endowment Fund (described below), and establishing new partnerships with other organizations such as Hydrogeologists Without Borders. Mike has also been very active internationally, coordinating with the Canadian Chapter to help organize the 2012 Niagara Falls IAH Congress, as well as attending and presenting at the other Congresses during his tenure. Mike will remain active on the current board as "Past-Chair", providing us with plenty of institutional memory and guidance.

Regarding new roles for our continuing Directors: Vicki Krestsinger Grabert has become our Treasurer and Jim Lamoreaux has taken on the role of Secretary. We also welcome three new incoming Directors: Devin Galloway, Andy Manning, and Suzanne Pierce. They are off to a fast start with Devin becoming our new Membership Liason and helping with the 2013 Student Membership Raffle, Andy taking on a newly created role of Special Initiatives Coordinator, and Suzanne as Newsletter Editor, working with Dave Kreamer to put together this issue.

With the holidays rapidly approaching, we decided to publish a short-version "News Notes" between our regular-length Fall and Spring Newsletters in order to communicate the results of the recent (September 2012) IAH Elections, the outcome of our annual graduate student raffle for USNC-sponsored memberships, a request for making a holiday contribution to our USNC Endowment Fund, an article on the 2012 Ground Water Institute for Teachers, and some quickly approaching deadlines for upcoming meetings.

I am looking forward to working with our energetic new Board in serving our USNC members over the next four years. Some of our focus areas will be increasing our USNC membership (especially targeting graduate students and young professionals), growing and using our Endowment Fund for philanthropic goals, creating international opportunities for our members both within IAH and through partnerships with other organizations, and exploring the possibility of "Twinning" with a Developing Country Chapter. Please feel free to contact any of us with comments or suggestions – we would welcome any input.

*Vic Heilweil, Chair – IAH-USNC*



**USNC Members at the IAH Congress in Niagara Falls, September 2012. Top Row, from left: Alan Fryar, Avner Vengosh, Vic Heilweil, Vicki Kretsinger Grabert, Jim LaMoreaux, Bill Alley, Suzanne Pierce, Bob Michel; Bottom row from left: Dave Kreamer, Jack Sharp, Mike Wireman, Lenny Konikow, Mike Campana**

## **2012 IAH Election Results**

**For International positions, 1205 votes were cast, representing > 30% of the membership. The results are:**

**President: Ken Howard (Canada); Secretary General: Shammy Puri (United Kingdom); VP for Finance & Membership: Bruce Misstear (Ireland); VP for Science & Programme: Antonio Chambel (Portugal); Vice President, Asia: Jun Shimada (Japan); Vice President, Australasia & the Pacific: Wendy Timms (Australia); Vice President, Eastern Europe & Central Asia: Igor Zektser (Russia); Vice President, Western Europe: Teodora Szocs (Hungary); Vice President, Latin America & the Caribbean: Luiz Amore (Brazil); Vice President, North Africa & the Middle East: Mohamed Aboufirass (Morocco); Vice President, North America: our very own David Kreamer; and Vice President, Sub Saharan Africa: Callist Tindimugaya (Uganda). Contact information and photos are available at the following link: [http://www.iah.org/about\\_council.asp](http://www.iah.org/about_council.asp)**

**For the U.S. National Chapter, 79 votes cast, representing ~30% of the U.S. membership. The results are:**

**President: Vic Heilweil (USGS, Salt Lake City, UT); Treasurer: Vicki Kretsinger (Luhdorff & Scalmanini, Woodland, CA); Director: Jim Lamoreaux (PE LaMoreaux & Associates, Tuscaloosa, AL); Director: Suzanne Pierce (University of Texas, Austin, TX); Director: Devin Galloway (USGS, Sacramento, CA); Director: Andy Manning (USGS, Denver, CO). Also continuing service on the Executive Committee are Past-President Mike Wireman (USEPA, Denver, CO) and Vice President for North America Dave Kreamer (UNLV).**

**Congratulations to all of the above, and we greatly appreciate your service to IAH and to the practice and science of hydrogeology.**



**Clifford Voss, Vicki Kretsinger Grabert, and Lenny Konikow next to Horseshoe Falls at the IAH Congress**



**Jim LaMoreaux and daughter under Horseshoe Falls in tunnel system**



## Upcoming 2013 Meetings

**The 2013 NGWA Groundwater Summit** will be held April 28<sup>th</sup> to May 2<sup>nd</sup> in San Antonio, Texas. The organizers promise “everything groundwater.” The keynote speaker for this year’s meeting will be Charles Fishman, *New York Times* bestselling author of *The Big Thirst*. The IAH-USNC will hold its next board meeting at the Summit (time/place to be announced later). The deadline for abstract submission has passed. To register and for more information, go to: <http://groundwatersummit.org>.

**The 2013 IAH International Congress** will be held September 15-20 in Perth, Western Australia. The organizers have chosen the theme “Solving the Groundwater Challenges of the 21st Century,” recognizing that groundwater resource use, management and protection will become ever more important during the course of this century. In addition to a widely ranging technical program, there will be pre- and post-meeting workshops, courses, and field trips. Come take in the unique Australian springtime! The abstract submission deadline is February 18<sup>th</sup>. Early bird registration opens in December and closes in June. For more information, go to: <http://iahcongress2013.org>.

**The 8<sup>th</sup> International Symposium on Managed Aquifer Recharge, ISMAR8**, will be held October 15-19 in Beijing, China. This is the premier international conference on this subject and is held only once each three years. In addition to papers on the many advances in technical and scientific areas, the IAH Commission on Managing Aquifer Recharge (MAR) is interested in attracting papers on the economics of MAR, policies that encourage groundwater replenishment, MAR in cities, MAR as a buffer against climate change, and MAR in karst aquifers. The last two will be sessions jointly chaired with IAH Commissions on Groundwater and Climate Change and Karst Hydrogeology. The Abstract submission deadline is January 31, 2013. Early bird registration closes July 1. To register, submit an abstract, or for more information, go to: <http://ismar8.org>.

**The 2013 Geological Society of America Annual Meeting and Exposition** will be held October 27-30 in Denver, Colorado. The theme will be “Celebrating 125 years of Advances in Geoscience.” The deadline for submitting technical session proposals is January 15<sup>th</sup>. In addition, IAH-USNC is co-sponsoring a field trip titled “Rocky Mountain Unsaturated Zones--Exploring Fire-Earth-Sky Connections” (Session ID: 32374) that has been submitted on behalf of the Unsaturated Zone Interest Group (UZIG). The IAH-USNC will hold its Fall board meeting at this conference (time/place to be announced later). For more information, go to: <http://www.geosociety.org/meetings/2013/>

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## Consider a holiday gift to the IAH-USNC Endowment Fund

Pursuant to a decision taken at the October 10, 2011 meeting, the IAH US National Chapter has established an Endowment Fund. Donations to the Endowment Fund will be managed in a Vanguard equities and bonds index fund account. As of November 2012, the Endowment Fund balance is about \$11,500. The USNC goal is to grow the Endowment Fund to \$20,000 by 2015. Once a balance of \$20,000 is achieved, all annual earnings over 5% will be used to fund a variety of USNC activities including: (1) sponsor international members, (2) sponsor student members, (3) provide travel grants to students, (4) fund activities/efforts related to water development and management in developing countries, and (5) support local chapters in developing countries. Please consider making a donation to the Endowment Fund to help the USNC reach our \$20,000 goal. Donations can be made to the IAH USNC; send checks to Vicki Kretsinger Grabert, USNC Treasurer, 500 First Street Woodland, CA 95695.





## Ground Water Institute for Teachers plants a SEED

Teachers are on the frontline for groundwater education and they carry the knowledge we have today to the decision makers of the future. This was evident at the Groundwater Institute for Teachers held in November 2012. The 2-day event was organized by the American Ground Water Trust (AGWT) in partnership with the San Antonio Water System (SAWS) at Alamo College, San Antonio, Texas.

Part of a broader teacher education series called SEED, the program is designed to introduce teachers from Central America and the Caribbean to new tools and knowledge.

This year IAH USNC endorsed the water issues training and co-sponsored water related sessions. Andrew Stone of the AGWT and educators from the SAWS, Greg Wukasch and Lynne Christopher, led water-related activities. IAH USNC Board Member, Suzanne Pierce, was one of the instructors at the Latin American Teacher Training Program. Her presentations (in Spanish) included discussion of the water supply needs and the water supply solutions that have been found by village communities in the Atacama area of Chile where rainfall is low and water-supply sources are scarce. The event was also one of the latest activities that is part of the new IAH Commission on Groundwater Outreach to Decision Makers.

Many of the teachers come from villages without basic sanitation or water supply. The Groundwater Institute imparts general concepts about groundwater protection through a series of presentations on water-related topics, field trips to water treatment facilities, and interactive sessions to teach the group about cooperative learning. The hope is that these dynamic teachers from countries such as Guatemala, El Salvador, and Mexico will take the concepts and lessons they learn about groundwater back to their own communities and classrooms.



Images from the Ground Water Institute 2012: Teachers participate in hands-on activities, the Rain to Drain field trip, a group exercise designed to show the importance of team-work and collaboration in solving water supply problems, and constructing an aquifer for the classroom



## ANNOUNCING NEW STUDENT IAH MEMBERSHIP WINNERS FOR 2013

The annual IAH USNC student membership raffle received 10 student nominations from 9 university faculty sponsors. Three student nominees were chosen randomly to receive a one-year free IAH membership that includes a subscription to the *Hydrogeology Journal*. This year's winners were:

### **Maria Gibson**

PhD candidate

Oregon State University—College of Earth, Ocean and Atmospheric Sciences

Nominating Professor: Dr. Michael E. Campana

### **Nadine Reitman**

MS candidate

University of Colorado—Department of Geological Sciences

Nominating Professor: Dr. Shemin Ge

### **Nathaniel Warner**

PhD Candidate

Duke University—Nicholas School of the Environment, Earth and Ocean Sciences Division

Nominating Professor: Dr. Avner Vengosh

Thanks to all the participants and congratulations to Maria, Nadine and Nathaniel! If there are USNC members who would like to individually sponsor any of the students not selected in this year's raffle, please contact Devin Galloway ([dlgallow@usgs.gov](mailto:dlgallow@usgs.gov))



## **Thanks to Lenny Konikow – IAH Vice President for North America!**

A very special thanks goes out, from all his colleagues and friends in IAH, to Lenny Konikow for his years of hard work as IAH Vice President for North America. Lenny has guided IAH and energetically represented the North American chapters of IAH with foresight, intelligence, and a commitment to betterment of the organization, and of the groundwater profession. Lenny epitomizes the qualities of a dedicated leader. He has clearly communicated his own vision for future IAH growth, and has articulated many new directions that the IAH Council will undertake. Those of us who know him and work with him, appreciate his earnest concern for the profession of hydrogeology, his enthusiastic and infectious scientific curiosity, his low-key sense of humor, and his generous, friendly manner. Thank you Lenny for your years of dedicated service!