



ARIZONA HYDROLOGICAL SOCIETY

May, 2007

Viewpoint: 2007 in Tucson

Did you ever think about your own AHS history and what it has meant to you?

I was working at Salt River Project during the summer of 1985, and remember quite well the early meetings in the SRP cafeteria at 7:30 AM on Tuesdays. Dave Kirchner, Hermann Bouwer, Gary Small, Roberta Bowen, and others were cobbling together the state-wide society out of the two smaller groups in Tucson and Phoenix. As a grad student—and there were a lot more grad students around then than now—I was interested in networking, with an eye on future employment. AHS meant professional development in many different ways.

Our long series of Annual Symposia began in 1988, and for the first few years the meetings were held in Casa Grande as a halfway point between Phoenix and Tucson. The talks were every bit as good as the networking opportunities. For me and many others, attending the Annual Symposium became one of the high points of the year.

A gradual shift became noticeable to me in the pa-

pers I heard, moving over the years from water quality issues (especially site investigation and remediation projects) to water supply issues, as drought began to bite deep and growth accelerated. This paralleled the shift in my own interests, and made AHS all the more timely.

This year the Annual Symposium takes dead aim at the colliding issues of growth and water supply. The 2007 Planning Committee, consisting of AHS members, SAHRA representatives, and the editor/founder of *Southwest Hydrology*, has put together a program that takes on the serious concerns of sustainability in a desert environment. This meeting will attract region-wide attendance, as Arizona is not the only state facing these issues. The papers look great, and the networking opportunities have never been better. In terms of your own professional development, you just can't afford to miss this year's Annual Symposium. Sign up now!

Alan Dulaney
AHS President 2007

2007 MEMBERSHIP DUES

Dues, payable to AHS (\$40.00, \$15.00 for students) should be sent to:

Arizona Hydrological Society
Jeanie Merideth, Association
Manager
PMB 139; 3305 N. Swan Road
#109
Tucson, AZ 85712
Phone: (520) 299-6787

*Dues may also be paid using our
"Online Payment" system. Go to
www.azhydrosoc.org
And click on "Join or Renew
Online"*



CONTENTS

Message from the Society President	1
2007 AHS Annual Symposium	2
ISMAR6 & Announcements	3
Phoenix Chapter News	4-5
Tucson Chapter News	7
Flagstaff Chapter News	8
Announcements & Opportunities	9-10
Membership Application	11

Update on 2007 Annual AHS Symposium

2007 ANNUAL AHS SYMPOSIUM SPONSORS/ EXHIBITORS UPDATE

- Mike Block, Symposium Fundraising Co-Chair, Metro Water District

With only four months left until the Symposium, we now have less than half of our exhibit spaces left. So if your company wants to join in on what will be a premier networking and educational event, get your registration in soon!

Many thanks to Hargis + Associates, Inc. for becoming our newest Corporate sponsor.

New exhibitors besides our Supporting and Corporate Sponsors include the Arizona Geological Survey.

If your firm or agency would like to also be a sponsor (Sponsor, Supporting, Corporate, Exclusive Event - Wednesday Night Icebreaker, Thursday or Friday Break, or

Field Trip) or an Exhibitor, please go to the Symposium AHS website at www.watersymposium.com or contact me at (520) 575-8100 or mblock@metrowater.com.

On the behalf of the Symposium Planning Committee, I would like to again thank all of our donors for your incredible generosity and support for a successful 2007 Symposium.

Register Now for AHS' 20th Annual Symposium!

- Gary Burchard, Metro Water District & Betsy Woodhouse, Southwest Hydrology, Symposium Co-Chairs

Registration is now open for AHS' 20th Annual Symposium! Please visit www.watersymposium.com <<http://www.watersymposium.com/>> for more information.

The Symposium planners offer the following lineup, which we hope will add up to a memorable event.

Wednesday, August 29th, you can choose from four on-site or two off-site workshops. Meet old and new friends Wednesday evening at the icebreaker. Come join us as we socialize in the exhibit hall with our exhibitors and sponsors.

Thursday, August 30th will convene the Symposium with plenary and four concurrent sessions. Additionally, we will be proud to present a rather large interactive poster session. AHS members can make their voices heard at the annual membership meeting immediately following the Symposium sessions. For Thursday evening's entertainment, we will again gather in the exhibit hall with our poster presenters, exhibitors and sponsors for hors d'oeuvres and refreshments.

Friday, August 31st will again find us in the full Symposium with four concurrent plus poster sessions. Thanks again to Asia Philbin and Fred Tillman for their hard work organizing the sessions.

An AHS Symposium wouldn't be complete without field trips to round out the experience. You can choose from three trips in and around Tucson.

When you register, remember to reserve your room. The low

rates (\$109 single/double, \$83 for government employees) are good three days before and after the meeting, so bring your family for the Labor Day weekend. The room block is limited so don't wait to make your reservation.

We still have ample opportunities for sponsorship and exhibitors. Without your support, grand events like joint 2007 Southwest Hydrology/Arizona Hydrological Society Symposium wouldn't be possible.

Please visit www.watersymposium.com <<http://www.watersymposium.com/>> for more information on the program, workshops, field trips, registration, or to be a sponsor. The site is updated weekly.

Finally, we would like to continue our heartfelt thanks to Golder Associates for hosting nearly all of our planning sessions and providing much-needed sustenance and refreshment.

ISMAR6

ANNOUNCING REGISTRATION FOR ISMAR6 6TH INTERNATIONAL SYMPOSIUM ON MANAGED AQUIFER RECHARGE

October 28 to November 2, 2007

Phoenix, Arizona, USA

Early Registration is now available for the 6th International Symposium on Managed Aquifer Recharge (ISMAR6).

Please visit our website www.ismar2007.org and take this opportunity to save on our early registration rates available through May 4, 2007.

Join many of the worlds leading professionals in Managed Aquifer Recharge to learn what is happening throughout the world in this vitally important field. The conference will include:

- **4 Workshops** on Aquifer Recharge–related topics
- **A Plenary session** featuring Dr. Ed Bouwer of Johns Hopkins University
- **58 Professional Papers**
- **More than 100 Poster Presentations**
- **An all–day Field Trip** to key recharge sites in the Phoenix, Arizona area
- **Site–seeing excursions** to the **Grand Canyon** and other destinations in Arizona
- **A field trip** to **Las Vegas, Nevada** recharge sites

DO NOT MISS THIS OPPORTUNITY!

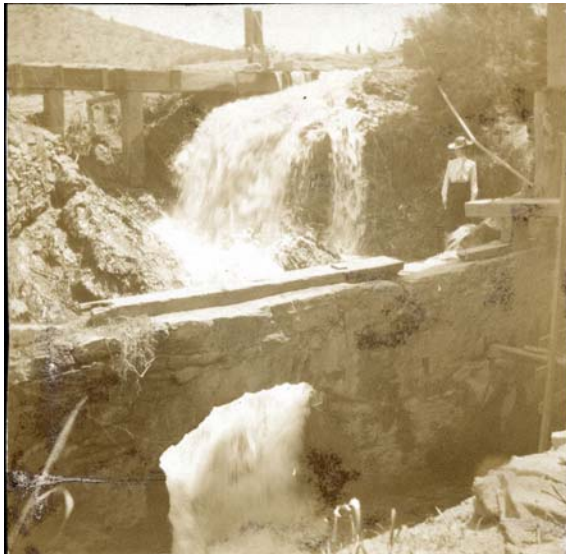
If your company is interested in joining the conference as an exhibitor or as a sponsor, please contact us (info@ismar2007.org).

Doug Bartlett (Co–Chairman, Organizing Committee)

Barbara Murphy (Member, Organizing Committee)

PHOENIX CHAPTER NEWS

On April 10th, the Phoenix chapter had the pleasure of hearing a presentation by Victoria Vargas of ACS on the preliminary results of the Hayden Flour Mill project. Victoria is a Principle Investigator at ACS and has taken on the lead role on this project. The focus of Hayden Mill project was to develop a historic preservation plan for future development as well as collect data on the historical site, as this was the only formal archeological study of the Mill. Oral histories were sought out and investigations uncovered old maps and photographs of the site. From their research they planned their excavations so that as many buried features as possible could be found. Victoria's team excavated evidence of both prehistoric canals and the canal that once powered the mill. This canal actually traveled under the mill from the south and then flowed north towards the Salt River (see photo). Archeological investigations also included the calaboose, or jail, that was located at the site. Ironically the calaboose site, which was most likely the drunk tank, will be the new location for a soon to be winery. A 3-volume draft report will be completed at the end of the year that will summarize the final results of this investigation. This report will be the definitive history of the Hayden Flour Mill and will also contribute towards understanding the role of flour mills in Arizona's history. For more information about this project you can, visit <http://www.tempe.gov/HAYDENFLOURMILL/archaeology.htm>.



Photograph Courtesy of Tempe Historical Museum

May Meeting

Tuesday, May 8, 2007

4:30 Chapter Board Meeting (all members welcome)
 5:30 Social Hour
 6:15 Order Diner
 6:30 Dinner
 7:15 Meeting with Speaker Presentation

Speaker: Mason Bolitho, ADEQ

Mason Bolitho is a Senior Hydrologist in the Aquifer Permit Program at the Arizona Department of Environmental Quality. He holds M.S. and B.S. degrees in geology and has 28 years of professional experience. Before coming to ADEQ, Mr. Bolitho worked for four years as a water consultant in the Phoenix area and spent 16 years at the Arizona Department of Water Resources, including Water Quality Program Manager and Manager of Statewide Planning. Before coming to Arizona, Mr. Bolitho worked as a petroleum geologist in Wyoming, Colorado, Nebraska, and Texas and spent four years at the Nebraska Geological Survey.

Topic: "EPA Underground Injection Control (UIC) program."
 Abstract:

The EPA Underground Injection Control (UIC) Program was authorized in 1974 as part of the Safe Drinking Water Act. The Federal UIC rule was finalized in 1980 and regulates disposal of fluids including wastes in injection wells. The EPA has identified five classes of injection wells, including waste disposal wells, brine injection wells, solution mining wells, hazardous/radioactive waste disposal wells, and miscellaneous wells. In Arizona, an injection project needs a UIC permit from EPA, which would require injection in a zone isolated from an Underground Source of Drinking Water (USDW) to avoid the potential contamination of drinking water sources. Injection wells must be located, constructed, and tested to ensure no contamination of USDWs. Injection projects also require an Aquifer Protection Permit from ADEQ and may require a number of other state and local permits. UIC permits in Arizona have been issued for the solution mining of salt in some areas of the state, but no known injection of hazardous wastes or oilfield brines is known to exist in Arizona.

Location: Uno's, Downtown Tempe.

Please, RSVP by Friday, May 4th, to Beth Proffitt at eproffitt@transgeo.com.

(Continued on page 5)

Phoenix Chapter cont.

(Continued from page 4)

Bouwer Intern Winner

The Phoenix Chapter would like to thank everyone on the Herman Bouwer Intern Scholar selection committee for their help with applicant selection for 2007! Vicki Mills was selected based on her strong application and interview. Vicki is an senior undergraduate student in School of Earth and Space Exploration (SESE) at Arizona State University. Vicki will be meeting with the Intern selection committee soon to discuss the next steps for her program including the selection of the agencies and/or firms she will intern with. Along those lines, if you know of any companies/agencies that would like to host Vicki this summer, please let Steve Acquafredda (sacquafredda@dswa.net or (602) 217-1038) or Ted Lehman (ted@jefuller.com or 480-222-5709) know. Congratulations again to Vicki and the Bouwer Intern selection committee!

CARSEF

The Central Arizona Regional Science and Engineering Fair was held at the Mesa Convention Center on March 20th. The convention hall was filled with science and engineering projects from students from elementary to high school from around central Arizona. The Phoenix Chapter and the Central Arizona Project (CAP) have sponsored awards to outstanding student projects each of the last three years. This year \$400 was awarded in three age divisions: Senior, Intermediate, and Elementary. Five total awards were given this year including two honorable mentions. The winners were:

Senior Division:

First Place - \$200

Anthony Garcia

The Effects of Different Percentages of Copper Mine Tailings on Wave Lengths of Vibrio Fisheri

Second Place - \$100

Joseph Brown

Global Evidence of Groundwater or Permafrost on Mars?

Honorable Mention

Tracy Liu

How to Disinfect Contaminated Water

Intermediate Division:

First Place - \$50

Josh Wills

Arsenic in Water

Elementary Division:

First Place - \$50

Mary Nguyen & Ariel Shamas

Tap Water Check

Honorable Mention

Cesar Quihuis

How Clean is Your Drinking Water?

In addition to checks, the winners also received nice color certificates, a letter from Mr. Lehman, and a carabineer and USB drive (left over from the Symposium!). The awards were given in a big formal ceremony for all the students and parents on Wed. Mar. 21st at the Convention Center.

The Phoenix Chapter would like to thank CAP for matching the award monies again this year. We'd also like to thank Chapter members Paul Plato, Ted Lehman, Gavin Fielding, and Jacob Miller for helping with the judging and selection of the winning projects. All of the volunteer judges confessed what an unexpectedly good time they had interviewing students and talking with them about their projects. Congratulations again to the winners and our volunteers.

2007 Event Calendar

April 25th - AHS-AEG Joint sponsored Student Night at UA Memorial Union, Tucson.

May 17th - Soil-Gas Technical Session at ADWR 8:30 – 3:30. (register online at <http://www.azhydrosoc.org/>)

June 12th – Syed Amanatullah, AMMTEC

Phoenix Chapter Officers

President:

TED LEHMAN
JE FULLER HYDROLOGY & GEOMORPHOLOGY
E-Mail: ted@jefuller.com

Vice-President:

MIKE HULST
EEC INC
E-Mail: mhulst@eecphx.com

Treasurer:

BETH PROFFITT
TRANSWEST GEOCHEM INC
E-Mail: eproffitt@transgeo.com

Secretary:

MATTHEW BEVERSDORF
ADWR
E-Mail: mabeversdorf@azwater.gov

Quotes

Face it,

Nobody owes you a living.

What you achieve or fail to achieve in your lifetime is directly related to what you do or fail to do.

No one chooses his parents or childhood, but you can choose your own direction.

Everyone has problems and obstacles to overcome, but that too, is relative to each individual.

Nothing is carved in stone.

You can change anything in your life if you want to badly enough.

Excuses are for losers:

Those who take responsibility for their actions are the real winners in life.

Winners meet life's challenges head-on knowing that there are no guarantees and give it all they've got.

And never think it's too late or too early to begin.

Time plays no favorites and will pass whether you act or not.

Take control of your life.

Dare to dream and take risks...

Compete.

If you aren't willing to work for your goals don't expect other to.

Believe in yourself.

Author unknown

Donations to AHS Foundation are considered charitable 501(c)(3) for tax purposes.

Donations of any amount may be sent to the AHSF Treasurer or the AHSF President.

AHSF; A. Michael Geddis, Treasurer; 3845 N Business Center Dr #115; Tucson, AZ 85705

TUCSON CHAPTER NEWS

The Water Resources Research Center at The University of Arizona is pleased to announce its 2007 statewide conference agenda. Together with the Arizona Department of Environmental Quality and the Arizona Water Institute, we have developed an excellent program to commemorate 20 years of water quality regulation:

**The 20th Anniversary of the Environmental Quality Act and ADEQ:
Assessing and Protecting Arizona's
Water Quality
Hyatt Regency, Phoenix at Civic Plaza,
June 5, 2007**

The one-day conference will feature panels on the History of the Environmental Quality Act and ADEQ, the Water Quality Assurance Revolving Fund (WQARF), Emerged and Emerging Contaminants, Emerging Policy Challenges, and the Future of ADEQ. Also included will be a luncheon presentation on the State of ADEQ by Director Steve Owens and insights from former directors. Governor Napolitano has been invited to kick-off the day.

Further information and the agenda can be found on our web site at <http://ag.arizona.edu/AZWATER/conf2007/index.html>

Registration will start at the beginning of April.



Tucson Chapter Officers

President:

MARLA E ODOM
ERROL L MONTGOMERY & ASSOC INC
E-Mail: modom@elmontgomery.com

Vice President:

ROBERT MCGILL
HYDROGEOPHYSICS
E-Mail: rob@hydrogeophysics.com

Treasurer:

MIKE MAHAN
AZ GEOLOGICAL SURVEY
E-Mail: mike-mahan22@yahoo.com

Secretary:

DAN GUIDO
ERROL L MONTGOMERY & ASSOC INC.
E-Mail: dguido@elmontgomery.com

Student Representative:

AIDA ARIK
University of AZ
AARIK@HWR.ARIZONA.EDU

Corporate Board:

A Michael GEDDIS
WATER MANAGEMENT CONSULTANTS INC
E-Mail: mgeddis@watermc.com

NICK B MELCHER
US GEOLOGICAL SURVEY
E-Mail: nmelcher@usgs.gov

FLAGSTAFF CHAPTER NEWS

Bellefont Spring Field Trip Saturday May 12, 2007 8:45 AM

The Flagstaff Chapter of AHS is pleased to announce its spring field trip, to be held in Bellefont, located approximately 12 miles west of Flagstaff. To begin the day, all trip attendees will assemble at the Camp Navajo Security Operations Center (directions below) and are encouraged to arrive early to sign in. Camp Navajo Security Operations require all personnel participating in the field visit to the Camp Navajo secured area sign in. Cost for the day is \$5.00 per person.

9:00 AM - Northern Arizona Hydrogeology Donald Bills, Hydrologist for the USGS Arizona Water Science Center will present a regional overview of the latest work on northern Arizona hydrogeology.

10:00 AM – Camp Navajo/Bellefont Hydrogeology Randy Wilkinson, Installation Restoration Program Manager for Camp Navajo, and Matt Nation, Hydrogeologist for Brown and Caldwell, will present the results of recent hydrogeologic investigations of the area within and surrounding Camp Navajo

11:00 AM - Field Reconnaissance of Camp Navajo Hydrogeology – Randy Wilkinson and Matt Nation will lead a trip into the Camp Navajo secured area to visit sites of interest.

12:30 PM – 1:30 PM – Biker Bar Lunch! Join us at the Bellefont Harley Davidson restaurant for cook-your-own good eats. Picnic tables are available outside for those wishing to bring a sack lunch instead.

1:30 PM – Bellefont Production Wells Phil Paski, Hydrogeologist from Hydrosys-

tems, Inc. will provide a presentation of the results of the hydrogeologic investigations and techniques used for siting the new production wells in Bellefont.

2:30 – 3:30 PM Visit to Bellefont Production Wells Phil Paski will lead the group to the Bellefont water production wells, located on the north side of Highway 40.

Come join us for what promises to be an extremely interesting and fun day in Bellefont (who knew!) Please RSVP to Erin Young (eyoung@flusol.com) so that we may have an approximate head count.

Directions to the Camp Navajo Security Operations Center: From Flagstaff, take Highway 40 west to the Bellefont exit (Exit 185). Turn left (south) at the top of the exit ramp and follow the road past the Camp Navajo sign, over the railroad overpass, and turn at the first road on the right. The building on the north side of this road is the Security Operations Center. The National Weather Service facility is located on the south side of this road. Park in the open lot west of the Security Building.

Flagstaff Chapter Officers

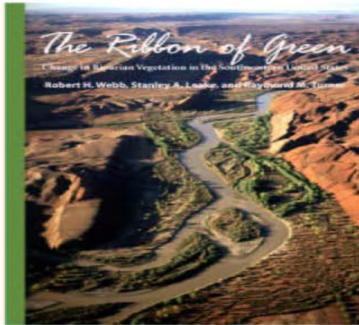
President
Aregai Tecle
Northern Arizona University
aregai.tecle@nau.edu

Secretary
Erin Young
Fluid Solutions
eyoung@flusol.com

Treasurer
Dana Downs-Heimes
d downshe@ch2m.com

ANNOUNCEMENTS & OPPORTUNITIES

New from the University of Arizona Press



A landmark study of riparian change in the Southwest

The Ribbon of Green Change in Riparian Vegetation in the Southwestern United States

**ROBERT H. WEBB, STANLEY A. LEAKE,
and RAYMOND M. TURNER**

Woody wetlands constitute a relatively small but extremely important part of the landscape in the southwestern United States. These riparian habitats support more than one-third of the region's vascular plant species, are home to a variety of wildlife, and provide essential havens for dozens of migratory animals. Because of their limited size and disproportionately high biological value, the goal of protecting wetland environments frequently takes priority over nearly all other habitat types.

In *The Ribbon of Green*, hydrologists Robert H. Webb, Stanley A. Leake, and botanist Raymond M. Turner examine the factors that affect the stability of woody riparian vegetation, one of the largest components of riparian areas. Factors that affect the stability of woody riparian vegetation include the diversion of surface water, flood control, and the excessive use of ground water. Combining repeat photography with historical context and information on species composition, they document more than 140 years of change. Contrary to the common assumption of widespread losses of this type of ecosystem, the authors show that vegetation has increased on many river reaches as a result of flood control, favorable climatic conditions, and large winter floods that encourage ecosystem disturbance, germination, and the establishment of species in newly generated openings.

Bringing well-documented and accessible insights to the ecological study of wetlands, this book will influence our perception of change in riparian ecosystems and how riparian restoration is practiced in the Southwest, and it will serve as an important reference in courses on plant ecology, riparian ecology, and ecosystem management.

ROBERT H. WEBB is a research hydrologist with the Water Resources Division of the U.S. Geological Survey. His other books include *Grand Canyon: A Century of Change and Floods, Droughts, and Climate Change*, both published by the University of Arizona Press. **STANLEY A. LEAKE** is a research hydrologist with the Water Resources Division of the U.S. Geological Survey as well and has published numerous articles in the journals *Water Resources Research* and *Ground Water*. Before his retirement, **RAYMOND M. TURNER** was a botanist with U.S. Geological Survey, and his other books include *Sonoran Desert Plants: An Ecological Atlas*, also published by the University of Arizona Press. Turner and Webb are also the authors of *The Changing Mile Revisited: An Ecological Study of Vegetation Change with Time in the Lower Mile of an Arid and Semiarid Region*.

"This book is likely to serve as an important reference on plant ecology, riparian ecology, and ecosystem restoration in the Southwest."

— Jonathan Friedman, Associate Editor of *Wetlands*

"The authors draw provocative conclusions about the direction and magnitude of the changes in species composition in riparian woodlands and forests. The observations about the interplay between dam operation and riparian vegetation are valuable, and the discussion about fire is thought-provoking. This is especially timely."

— Julia Fonseca, Environmental Program Manager, Pima County Flood Control District, Arizona

May 2007
480 pp., 473 photographs, 113 illustrations, 23 maps, 9 x 12
ISBN-10: 0-8165-2588-9, ISBN-13: 978-0-8165-2588-1 ~~\$75.00~~ cloth \$60.00

Receive the 20% discount by mailing or faxing this form. For phone or web orders mention the source code below.

Send <i>The Ribbon of Green</i> cloth \$60.00 Please add \$3 postage. (Arizona residents add 5.6% tax.)	SOURCE CODE FLR
<input type="checkbox"/> Check enclosed <input type="checkbox"/> Charge to my <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard	
# _____	
Exp _____ Signature _____	
Name _____	
Address _____	
City _____ State _____ ZIP _____	

THE UNIVERSITY OF ARIZONA PRESS

355 S. Euclid Ave., Suite 103,
Tucson, AZ 85719

orders: 1-800-426-3797 (voice/fax)
email: orders@uapress.arizona.edu
Visit our Web site—
<http://www.uapress.arizona.edu>

JOBS

GREAT NEWS!

The JOBS web page has been moved to the Public area of the AHS website. To see the latest JOB postings visit:
www.azhydrosoc.org

More Opportunities

Nominations Due for 2006 AHS Lifetime

Achievement Award

-Mike Block, Metro Water District

The Corporate Board of the Arizona Hydrological Society (AHS) is seeking nominations from AHS members for the 2007 AHS Lifetime Achievement Award. Any AHS member or a non-member can be nominated for the award. The award consists of a personal recognition plaque, a rotating plaque listing all past recipients and a \$500 check to an Arizona educational organization of choice by the award recipient. The award is presented at the Annual Symposium to honor an individual who has contributed to AHS, the science of hydrology within Arizona and/or has received national fame for their contributions in the hydrology field.

Past recipients of this prestigious award include: Leonard Halpenny (1995), Dr. Eugene Simpson (1996), Dr. Herman Bower (1997), Dr. Sol Resnick (1998), Dr. Errol L. Montgomery (2001), Herbert H. Schumann (2002), Dr. L. Gray Wilson (2003), Gary L. Small (2004), and Gail Cordy (2006).

Lifetime Achievement Award nominations can only be made by current AHS members. Please refer to the AHS website (www.azhydrosoc.org) for more information about the award and download the nomination form. Your nomination must be submitted by July 10, 2007.

Please contact Mike Block at (520) 575-8100 or mblock@metrowater.com if you need more information or visit the AHS website under Lifetime Achievement Award about the four selection criteria.



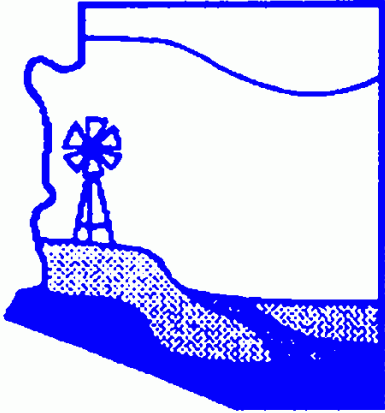
How to visit the AHS Members Only area:

- Go to: www.azhydrosoc.org
- Located on the far right side of your screen click on Members Only
- Type in your username and password: Your username is the first initial of your first name and then your last name (ie Flo Waters would be FWaters). Your password is your zip code (that we have on file for you).

Once there you have access to documents that are not available on the public site.

REMEMBER you must be a currently paid member of AHS to have access.

MEMBERSHIP APPLICATION



Arizona Hydrological Society

Jeanie Merideth
Association Manager
PMB #139; 3305 N. Swan Rd. #109
Tucson, AZ 85712
(520)299-6787
Fax: (520)299-6431
azhydro@comcast.net

www.azhydrosoc.org

ARIZONA HYDROLOGICAL SOCIETY, c/o Jeanie Merideth Association Manager
PMB #139; 3305 N. Swan Rd #109, Tucson, AZ 85712
Membership Application (Dues: 1 year \$40, \$15 for students)

Name: _____ Position: _____

Company: _____ Email: _____

Mailing Address: _____

Work Phone: _____ Home Phone: _____ Fax: _____

In addition to my dues, I am enclosing

\$ _____ Herman Bouwer Intern Scholarship fund (Phoenix),
\$ _____ Leonard C. Halpenny Intern Scholarship fund (Tucson),
\$ _____ for the SARSEF Scholarship fund,
and/or \$ _____ for the state-wide AHS General Scholarship fund.

Total amount enclosed: \$ _____

Chapter Affiliation:

_____ Tucson

_____ Phoenix

_____ Flagstaff