

WEEKLY WAVE



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**

January 20, 2017 / Volume 5, Issue 3

The [Water Resources Research Center](#) - a research and [Extension](#) unit of the [College of Agriculture and Life Sciences](#)



**WRRC
CONFERENCE
2017**

**REGISTRATION
NOW OPEN!**

WRRC Conference 2017: Registration and Poster Submission Now Open

Registration for the 2017 WRRC Conference, *Irrigated Agriculture in Arizona: A Fresh Perspective*, is now open. Register now at an early bird cost of only \$95! Join us as we debate current challenges faced by agricultural water users in Arizona, and discuss the advances being made in agricultural technologies to address these challenges. Registration also includes a screening and panel discussion of the documentary *Groundwater: to enact a law for the common good*, covering the actions of forward-thinking policy makers in enacting the 1980 Groundwater Management Act.

For a full agenda and registration, click [here](#)

Do you have an exciting project to share? Create a WRRC Conference poster to share your message with elected officials, water municipalities, and water users from throughout the region. Students who submit a poster abstract will be entered into the 2017 Poster Contest with exciting cash prizes!

The submission site for poster abstracts is open from now until February 21.

For more information, and to submit your abstract, click [here](#)

WRRC EVENTS

WRRC Annual Chocolate Festival: Picturing Chocolate and Water

February 10, 2017

Time/Location: 3:30 p.m. - 5:00 p.m. / WRRC Sol Resnick Conference Room (350 N. Campbell Ave.)

Feature Presentation: Greg Griffin, "Best in Show"
WRRC Photo contest winner on nature photography.

Don't miss the 13th Annual WRRC Chocolate Fest! Share your favorite treats and try sinfully spectacular creations from other water lovers. This year's event will be about chocolate and the WRRC photo contest winners! Relax, catch up with friends, and enjoy chocolate delicacies!



OTHER EVENTS

SWES Colloquium - Rethinking Rivers, the Water Cycle and the Human Connection: STEM Education

January 23, 2017

Time/Location: 3:00 - 4:00 p.m. / Marley Building,
Room 230 (1145 E 4 St.)

Speaker: Kerry Schwartz , Director, Arizona Project
WET

With over 30 years working in the water resources field and 17 in the field of education, Kerry Schwartz currently directs the Arizona Project WET (APW) water education program. This statewide program develops water stewardship and STEM literacy through innovative pathways that include teacher professional development and direct student outreach. Kerry directs a team of education coordinators working out of three extension offices and sustains partnerships with over 30 corporations, foundations, and governmental agencies. Her master's degree in geohydrology and 8 years of experience in environmental consulting enable her to deepen content knowledge about water resources with real world examples.



University of Arizona, Maricopa County Cooperative Extension - Smartscape 101 Series

February 13 - March 8, 2017
Mondays and Wednesdays

Time/Location: 3:30 p.m. - 6:00 p.m. / Maricopa County
Cooperative Extension Office (4341 East Broadway)



Road Phoenix, AZ 85040)

Speaker: See [course flyer](#) for list of class speakers and topics.



Smartscape is a comprehensive, research - based professional training program specifically designed to educate landscape professionals on the fundamentals of designing, installing, irrigating, and maintaining attractive, water-efficient landscapes. This Smartscape course delivers 20 hours of high-quality education on the best irrigation and horticultural practices for the desert southwest. For \$95, students receive a Smartscape manual with valuable information and materials, instruction from experts in the green industry, the opportunity to get 20 International Society of Arboriculture (ISA) continuing education units, as well as Arizona chapter of American Society of Landscape Architects (AzASLA) continuing education units. Graduates of the course receive a certificate of completion from the University of Arizona. Seats are limited and fill fast, so register today!

Click [here](#) for information or to register.

For questions, email [Kaitlin Poe-Orsburn](#), Smartscape Program Coordinator Sr., or call (602) 827-8206.

Meeting - Learn about TRIF-WEES Funding for Research & Equipment

February 15, 2017

Time/Location: 3:30 p.m. - 5:00 p.m. / Kiva Auditorium, UA Student Union

Keynote Speaker: Dr. Kimberly Espy, Senior Vice President for Research, University of Arizona



For research addressing water, environmental, and energy topics throughout the University of Arizona, the Water, Environmental, and Energy Solutions Initiative (WEES) invites faculty and researchers for insightful presentations and dialogue about upcoming funding opportunities. Taxpayer approved Technology and Research Initiative Funds (TRIF) are invested at Arizona universities to promote cutting-edge research and multidisciplinary collaborations that help researchers increase extramural grant success.

Keynote Speaker, Dr. Kimberly Espy, Senior Vice President for Research, will offer perspectives on TRIF and how investments are in keeping with UA's Never Settle Plan. Dr. Sharon Megdal, WEES Director, will describe the WEES programmatic areas for investment and how to apply for funding. Researchers who have successfully obtained TRIF-WEES funding will provide a first-hand view into their proposal elements and the impact WEES funding has had on their research. Their lessons-learned will offer insights useful for your future proposals.

For additional information, email [Claire Zucker](#), WEES Program Director or call 621-5725

NEWS

Winter 2017 AWR Released in All-digital Format

The WRRC just released its Winter 2017 issue of the

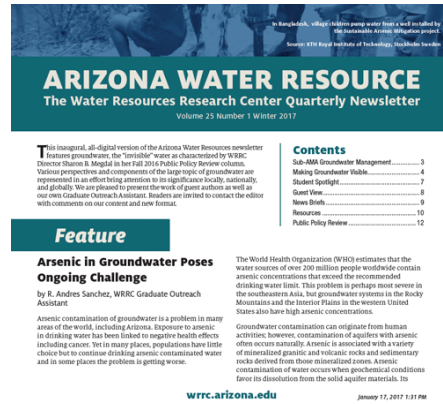


Arizona Water Resource (AWR) in its new, all-digital format. This issue explores the topic of groundwater with feature articles and a Guest View touching on quality, management, and education about this "invisible" water resource.

In the same issue, WRRRC Director Sharon B. Megdal's Public Policy Review column describes her recent trip to Israel, Jordan, and the West Bank with the International Boundary and Water Commissioners, Edward Drusina (U.S.) and Roberto Salmón (Mexico). They filled four days with high-level meetings, tours, and a conference on the transborder governance and management of the Lower Jordan River. The US-Mexico transborder region experiences similar conditions and challenges and, as the column makes clear, there is much for both to learn from each other through dialogue and cooperation.

For the first time, the AWR is no longer being printed and mailed and is only available electronically. We invite and encourage our print subscribers to contact the WRRRC to ensure delivery of the new, all-digital newsletter. It's easy to do: Go to our website at wrrc.arizona.edu and click on the SUBSCRIBE button, or contact us at wrrc@email.arizona.edu or call 520-621-9591 to be added to the subscription list.

[Check out the new AWR](#)



Project-based Learning through APW's Aqua STEM Program



On just their second day back from the winter holiday break, 110 Copper Creek Elementary 6th grade students went to work on auditing their bathroom faucets and installing new



low-flow aerators. Through the School Water Audit, Aqua STEM Unit these students discovered first-hand how much water flows out of a faucet in just 5 seconds without an aerator to slow it down (hint: it's about 1,300 mL). Students engaged in the entire 11 lesson Unit initially learned about water conservation technology in the first lesson, then took an aerator home to investigate possible water savings. Teams of students then worked together at school to collect before and after data and installed water efficient aerators on about 60 sinks in just one day. The amount of water now coming out of those faucets? About 120 mL in 5 seconds.

To learn more about SWAP please visit the Arizona Project Wet website [here](#).

Science Diplomacy and Policy Conference

The University of Arizona is pleased to announce and invite you to attend Science Diplomacy and Policy with focus on the Americas. This conference will be convened in Tucson from February 22 to 24, 2017. The conference goal is to bring scientists, policy scientists, students, and others to participate in discussions about the confluence of

GLOBAL CHALLENGES

Science Diplomacy and Policy with Focus on the Americas



science policy and diplomacy.

To that end, with the support of E. William Colglazier, the conference organizers have gathered a preeminent group of distinguished national and international experts in the field of science diplomacy. They will discuss the role of various agents involved in achieving science driven policy objectives and improving relationships through science collaborations. The conversation will then shift to the science diplomacy in relation to the UN Sustainability Development Goals and Climate and Water Resources issues in the Americas.

For more information, or to register, click [here](#).

Study Abroad in Costa Rica: Climate Justice Program



The Climate Justice Program focuses on how personal and community resiliency are created in a time of climate change. It features climate justice leaders in Tucson and Costa Rica working at the nexus of local economy, water and food policy, public health, and more.

The program offers six units of undergraduate and graduate credit to students in a wide range of disciplines, and is supported by multiple partners in Arizona and Costa Rica, including the UA Hispanic Center of Excellence, Office of Study Abroad, and School of Natural Resources and the Environment.

Application deadline is February 15, 2017.

To learn more about this opportunity, click [here](#) or email [Madeline Kiser](mailto:Madeline.Kiser@ua.edu)

ANNOUNCEMENTS

Arivaca EcoFest and Home Tour

On Saturday, January 28 the Arivaca EcoFest and Home Tour will offer the opportunity to explore eco-wise lifestyle technologies and materials. The goal is to encourage creative and sustainable choices regarding our homes, food and water supply, energy sources, natural surroundings and communities. Come get inspired by seeing how others implement technologies and materials supportive of life.

For more information, click [here](#).

CALL FOR ABSTRACTS

WaterSmart Innovations Conference and Exposition Issues Call for Abstracts

Professionals, scientists, government employees, organizations, public and private institutions, policy makers, students, and all others working in an industry related to water efficiency are invited to submit abstracts for the 10th annual WaterSmart Innovations Conference and Exposition, scheduled for October 4-6, 2017 in Las Vegas, NV. The deadline for receipt of abstracts is Friday, February 10, 2017.

For additional information or to submit abstracts, click [here](#).

Santa Cruz River Research Days--Save the Date

The 9th Annual Santa Cruz River Research Days is coming up March 29-30! This year, it will be held at Pima Community College's Desert Vista Campus in Tucson, AZ

This is an exciting event where any and all can participate in this venue to learn about research and conservation efforts that pertain to the natural and cultural resources along the Santa Cruz River.

Abstracts for presentations are invited and should be submitted by Wednesday, February 22, 2017 to [Claire Zugmeyer](#).

JCWRE Issue 159 is Now Available

The Journal of Contemporary Water Research & Education has announced the online availability of the 159th issue titled, Groundwater in Urban Areas. The Journal uses original, peer-reviewed articles and comprehensive reviews on applied research, policy, education, and outreach/extension in water and watershed science and management, with international scope and an emphasis on transdisciplinary approaches and perspectives.

To read the entire issue, click [here](#).

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