



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**

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The Water Resources Research Center - a research and Extension unit of the College of Agriculture and Life Sciences

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Become a Sponsor for the 2019 WRRC Conference

Here at the WRRC, we are gearing up for the 2019 conference, "Arizona Runs on Water™ : Scarcity, Challenges, and Community-Based Solutions" to be held on February 1 at the Black Canyon Conference Center in Phoenix, AZ. The conference will bring together legislators and other decision-makers, water professionals, advocates, and citizens for timely discussions and presentations focused on water resource solutions throughout the state. Each year, we are grateful to our many sponsors who enable us to keep registration prices low, offer greatly reduced student rates, and maintain the high-quality of this annual event. We are currently inviting sponsorships at four levels. Sponsorship benefits grow with the contribution levels, but all sponsors are featured on our registration page, have their logos on all promotional materials, and are recognized and thanked at the conference. Top sponsors (Arroyo level) are further recognized for their support of the student who will research and write the Arroyo, that follows-up and expands on the conference topic.

Please see a full listing of benefits for each sponsorship level [here](#).

Questions about interest in sponsoring the WRRC annual conference? Please contact Claire

Zucker at clzucker@email.arizona.edu or 520-621-5725 with your questions or to become a conference sponsor.

SAVE
the
DATE

FEB. 1
2019

WRRC CONFERENCE
ARIZONA RUNS ON WATER™
SCARCITY, CHALLENGES, AND
COMMUNITY-BASED SOLUTIONS
BLACK CANYON CONFERENCE
CENTER | PHOENIX, ARIZONA

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WRRC EVENTS

WRRC Brown Bag - Watering Irrigated Agriculture in Arizona

September 27, 2018

Speaker: Susanna Eden, *Assistant Director*, Water
Resources Research Center

Time/Location:

12:00 p.m. - 1:15 p.m./Sol Resnick Conference Rm.,
350 N. Campbell Ave., Tucson

In this overview of Arizona's irrigated agriculture and its water supply, the focus will be on what is grown, where, with what water; how the water is managed by the state and by irrigators; water efficiency strategies, and economic impacts. The presentation will touch on current irrigation water supply issues concerning growers, their communities, and other water users.



If you cannot get to the WRRC on September 27, you can join us [here](#).

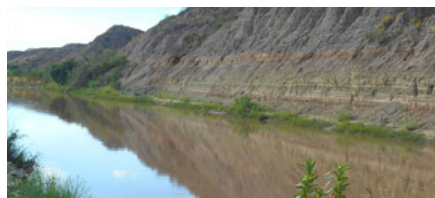
Other Upcoming Fall Brown Bags

- **November 8** Chase Saraiva, *Head Brewer*, Wilderness Brewing Co., Sustainability and Beer

OTHER EVENTS

Upper Gila Watershed Forum - Postponed until January of 2019

The Upper Gila Watershed Forum will be postponed until January of 2019. More news to come soon!



Questions should be addressed to [Clara Gauna](#) at the Gila Watershed Partnership

2018 Tribal Water Summit

October 25-26, 2018

Time/Location: October 25, 9:00 a.m. - October 26, 1:00 p.m. / Wild Horse Pass Casino and Events Center, Chandler, AZ

All those interested in Tribal water management are encouraged to attend the Gila River Indian Community's two-day Tribal Water Summit, focused on developing Tribal water management programs and federal policy concerning Tribal water. Special panels and sessions will explore important topics including case studies of Tribes working creatively within their watersheds, development of Tribal water resource departments, implementation of water settlements, and protection of Tribal water rights. Please register by September 30th, 2018.



[Register Here](#)

WRRC NEWS

Student Research Opportunity

The WRRC is calling for research proposals from students for grants of up to \$10,000. Two to four grants will be awarded through the 104b grants program, authorized under the Water Resources Research Act, Section 104(b) and funded through the U.S. Geological Survey. This program promotes research that explores new ideas to address water problems in Arizona and expands understanding of water and related phenomena. Program goals include the entry of new research scientists, engineers and technicians in the water resources field and education of students through significant involvement in water research. Students and their faculty sponsors are encouraged to submit proposals featuring student work. Student project proposals must show a faculty member at one of Arizona's three state universities (UA, ASU, or NAU) as the Principal Investigator (PI). The student or students should be listed as Co-PI(s). The deadline for submitting proposals is 5:00 pm, Wednesday, November 7, 2018.



[More Information and Instructions](#)

Courtney Crosson Talks About Decentralized Urban Water at WRRC Brown Bag

On Tuesday, September 18, Courtney Crosson, Assistant Professor, UA School of Architecture, spoke about the challenges Tucson's water supply will face given the added stressors of growing populations, changing climate patterns, and aging water infrastructure. She talked about a study that tried to answer the question: Does Tucson have the capacity to become water independent through rainwater harvesting? She noted that in 2016, the City of Tucson had 125,000 acre-feet of rainfall, which is 144% of Tucson's annual



demand. Her study showed that while it is currently infeasible for rainwater to supply all Tucson's water needs, it can replace a significant portion. She illustrated this through student projects to design systems that use harvested rainwater to meet site-specific water demands. Crosson also discussed her analysis of what institutional changes may be needed to enable Tucson to build net-zero water use buildings or other facilities.

[Link to Webinar](#)

It's not just a job...



Every year, APW supports UA student employees and AmeriCorps volunteers as they become water educators and stewards in the community. As educators, not only do they expand

on their knowledge about the hydrological cycle, water conservation, and education but they also develop valuable communication and leadership skills - skills that prove valuable to any future career.



"The program has provided me with hands-on educator experience in and out of the classroom," said Brian Flynn, one of APW's returning educators.

While Brian and other educators are returning to continue their skills growth, this year APW welcomes five new students to the team: Julia Alvarez, Sophomore majoring in Communications, Mackenzie Christensen, Junior majoring in Care, Health & Society, Sarah Dannenbrink, Sophomore majoring in Care, Health & Society, Gabriela De La Cruz, and Gemma Parra.

APW will continue our commitment to offering an environment of learning, growth, and encouragement for all student employees and volunteers, helping them to achieve success after graduation.

WRRC Presents at Ground Water Protection Council Annual Forum

The Ground Water Protection Council's 2018 Annual Forum, held September 10-12 in New Orleans, LA, featured many presentations on topics including underground injection control, groundwater monitoring, and produced water. WRRC Research Analyst Jacob Petersen-Perlman presented a paper entitled "State-level Groundwater Governance and Management in the U.S.", focusing on groundwater quality management and governance at the state level. The presentation was based on a recent study conducted by Sharon B. Megdal, Ethan Vimont, Andrea K. Gerlak, and Petersen-Perlman. The study, and a peer-reviewed article published in the journal *Water* based on the study, can be found on the WRRC's groundwater webpage.



[Study and Article](#)

SERI's Water Harvesting Project Wins Environmental Award

Tucson's Sonoran Environmental Research Institute (SERI) was recently awarded the National Energy Globe Award: United States for its pilot low-income rainwater harvesting loan program. This innovative project, undertaken in partnership with the University of Arizona Bureau Of Applied Research in Anthropology (BARA), is supported by a portion of Tucson Water customers' water conservation fees. It offers grants/loans to families with limited household incomes to invest in rainwater harvesting systems and take part in Tucson Water's rainwater harvesting rebate program. Thanks to SERI's work educating the community, approximately one in four rainwater harvesting rebates issued in the last year went to low-income households. The National Energy Globe Award is one of today's most prestigious environmental awards worldwide, with more than 182 countries participating and over 2,000 project submissions annually.



[More](#)

ANNOUNCEMENTS

- [September 26 Innovations at the Nexus of Food, Energy, and Water Systems \(INFEWS\) - NIFA Grant Applications Due](#)
- [September 30 Western Water Summit - Super Early Bird Registration Ends](#)
- [September 30 Tribal Water Summit - Registration Ends](#)
- [September 30 Business H2O: Water Innovation Summit - Early Bird Registration Ends](#)
- [October 5 Western Water Workshop Water Law & Policy 101 for young and beginning farmers - Registration Open](#)
- [October 11-12 Tribal Water Law Conference - Nationwide Perspectives on the Critical Demand for Water](#)
- [October 15-19 International Conference on Irrigation and Drainage - Registration Open](#)
- [October 30 - 31 10th Annual Santa Cruz River Research Days - Registration Open](#)
- [October 31 Haury Program Fall 2018 Funding Opportunity - Now Open](#)
- [November 16 AWRA Spring Speciality Conference Call For Abstracts - Application Deadline](#)
- [December 6 Mine Water Management Symposium Scholarship - Applications Due](#)

[Visit Our Website](#)