

WEEKLY WAVE



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**

November 9, 2017 / Volume 5, Issue 31

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

In this issue: [Centennial](#) / [Law Journal Conference](#) / [Colorado River](#) / [UCOWR/NIWR Conference](#)



WRRC Staff to Teach OLLI Course in Green Valley

In January and February, 2018, residents of Green Valley will once again have the opportunity to learn about Arizona water from a team of WRRC personnel. The Osher Lifelong Learning Institute (OLLI) is a non-credit lifelong learning program open to all adults over the age of 50. Classes are taught in four locations serving Greater Tucson and Southern Arizona. This is the fifth year that the WRRC will be teaching for OLLI Green Valley about water resources in the Southwestern U.S. The course title is "Current Water Issues in Arizona and Beyond" and this year the course will include five classes, each taught by an expert from the WRRC. Classes are 'Where's the Water - an Arizona Tour' (Program Director for UA Water, Environmental and Energy Solutions, Claire Zucker); 'Wastewater: Is It For Drinking?' (WRRC Associate Director Jean McLain); Agricultural Water Use in Arizona (WRRC Assistant Director Susanna Eden); Rainwater Management with Green Infrastructure (Research Analyst Ashley Hullinger); and Water Sharing across Borders: Water Issues in the

Colorado, Santa Cruz, and San Pedro Basins (Research Analyst Jacob Petersen-Perlman).
Registration is scheduled to open at noon on Wednesday, January 3.

[More Information on OLLI](#)

WRRC EVENTS

WRRC Brown Bag - YMIDD/CAGRD Pilot Rotational Following Program, Good for Business, Good Water Management



November 14, 2017

Time/Location: 12:00 p.m. - 1:15 p.m. / WRRC Sol Resnick Conference Room (350 N. Campbell Ave.)

Speaker: Andrew Craddock, Analyst, Water Supply Program, Central Arizona Groundwater Replenishment District (CAGRD)

New development in Central Arizona must comply with Assured Water Supply Program requirements that are among the most stringent in the country. Membership in CAGRD provides one mechanism for meeting this requirement because CAGRD's Water Supply Program takes responsibility for acquiring water supplies to meet its members' replenishment obligations.



If you can't make it to the seminar on November 14, join us online [here](#) .

WRRC Brown Bag - Camo, Hose Clamps, and Pixels: Arizona's Approach for Low-cost Intermittent Stream Monitoring

December 6, 2017

Time/Location: 12:00 p.m. - 1:15 p.m. / WRRC Sol Resnick Conference Room (350 N. Campbell Ave.)

Speaker: Meghan Smart, Environmental Scientist, ADEQ



If a picture is worth a thousand words, why not extrapolate from digital pixels and use that as a low cost, continuous, and unambiguous method to study intermittent streams? Arizona's 6,000 miles of intermittent streams are understudied because they are logistically difficult to sample and because perennial streams are historically thought of as 'more important'. The Arizona Department of Environmental Quality (ADEQ) developed an intermittent stream monitoring program using time-lapse photography and a probabilistic approach to fill the large data gap.



If you can't make it to the seminar on December 6, join us online [here](#).



Check out all of our upcoming events and videos of previous events on our [website](#)

OTHER EVENTS

AZ Water Luncheon- The Town of Marana's Water Reclamation Facility Phase 1 Expansion Project

December 7, 2017



Time/Location: 11:30 a.m. - 1:00 p.m. / Hotel Tucson City Center (475 N. Granada, Tucson)
Speaker: Stephen Dean, Town of Marana

Stephen Dean of the Town of Marana will briefly describe and illustrate the Water Reclamation Facility (WRF) Master Plan, Design, and Construction Manager-At-Risk (CMAR) for the Town of Marana's WRF Phase 1 Expansion, which was implemented in order to help meet the overarching goals of the community.

Sponsorships allow up to four students to attend this luncheon at no charge, but pre-registration is mandatory. Students interested in this opportunity are encouraged to contact [Carol Johnson](#)

[Register](#)

NEWS

SRP, Reclamation Partnership Turns 100

Effective Nov. 1, 1917, an agreement between the U.S. Bureau of Reclamation and the Salt River Project (SRP) created an unprecedented public-private partnership in Arizona between a group of farmers and landowners - the Salt River Valley Water Users' Association -- and the federal government. The agreement, which transferred operational control of the projects' dams, canals, wells, and hydropower plants to SRP, made it easier and more economical to develop and encouraged settlement of arid lands in the West.



According to this agreement, the federal government retained title and ownership of the Salt River Reclamation Project facilities, while SRP assumed responsibility for operation, maintenance, and future improvements of those facilities. The agreement encompasses Theodore Roosevelt Dam - along with the six other dams on the Salt and Verde rivers. Over the past 100 years, farms have largely disappeared and today SRP facilities deliver water to the nation's fifth-largest metropolitan area .

[Press Release](#)

UA Environmental Law Journal Holds Conference on Water



On Friday December 1, the [Arizona Journal of Environmental Law & Policy](#) (AJELP) at the University of Arizona James E. Rogers College of Law, in collaboration with local Arizona environmental attorneys, will present the Water Law & Policy Conference, in Room 164 of the College of Law. Co-Chairs Barbara U. Rodriguez-Pashkowski, with Gust Rosenfeld P.L.C., and Ken Hodson, now retired, have assembled a one-day program that is sure to interest anyone concerned with water law broadly. Speakers, who are experts in their fields, will review the major water law challenges facing Arizona, including Tribal water rights, recycled water for potable uses, and the water/energy nexus. The event is free for students and government employees, including employees of the University of Arizona. The AJELP is a student-run online journal that publishes articles on environmental issues from multiple disciplinary perspectives.

[Register](#)

Deciphering Headlines Requires Foundational Knowledge About the Colorado River



Who controls the water? Arizona agencies slug it out is a headline that was in the news last week.

This headline brings other questions to mind. How

does the water cycle affect the amount of water in the Colorado River? What are the boundaries of its watershed? How is the river's water apportioned? What happens if there is a shortage?

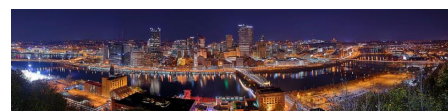


"Engineering a solution to moving water uphill"

Arizona Project WET builds foundational knowledge on this critical subject using activities from the Discover a Watershed: The Colorado Educators Guide. Sharing the Shed uses the real script from the negotiations for the Colorado River Compact of 1922 and the 1944 U.S.-Mexico Treaty and teaches why and how the legally binding documents were put in place. First Come, First Served clarifies, through role-playing, competing water users' rights by looking at the "Law of the River", prior appropriation, and the complexity of water management. Our hope is the 14,300 students taught by the 107 teachers who have attended APW professional development, will be better equipped to understand these complex questions that all started with a headline.

[Learn About APW](#)

2018 UCOWR/NIWR Annual Conference Call for Abstracts



The 2018 Universities Council on Water Resources (UCOWR) and National Institutes for Water Resources (NIWR) Annual Conference will take place June 26-28, 2018, in Pittsburgh Pennsylvania. This annual conference gathers professionals in research, education, management, and policy to discuss water resource issues across the region, nation, and globe. Invitations are open for professionals and students to submit abstracts for oral and poster

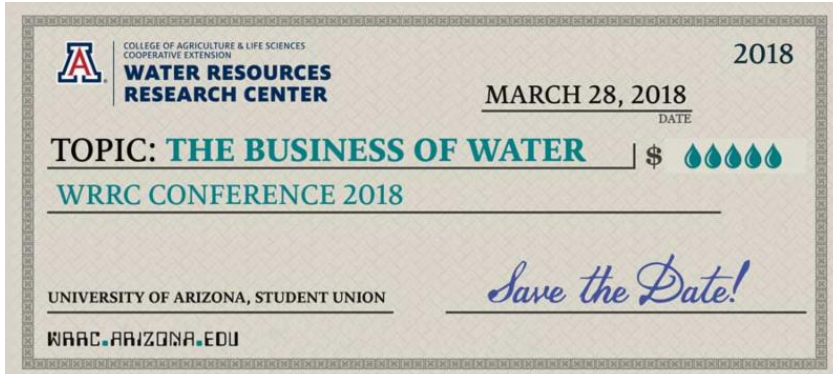
presentations. Abstracts should not exceed 300 words and should be submitted electronically by January 22, 2018.


[Submit Abstract](#)

ANNOUNCEMENTS



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2018
MARCH 28, 2018
DATE
TOPIC: THE BUSINESS OF WATER | \$ 
WRRC CONFERENCE 2018
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Save the Date!

- [November 13 Flinn-Brown Civic Leadership Academy - Applications Due](#)
- [November 15-17 2017 NWRA Annual Conference](#)
- [November 16 Yuma Center of Excellence 2017 Research Symposium](#)
- [November 18 9th Annual Pedal with Purpose - Tour de Tucson](#)
- [December 15 JCWRE Open Issue - Call for Papers](#)
- [January 26-27 Urban Waterfronts Conference](#)
- [February 5 2018 Borlaug CAST Communication Award - Nominations Due](#)
- [March 25-28 Sustainable Water Management Conference](#)

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