

SUMMER WAVE

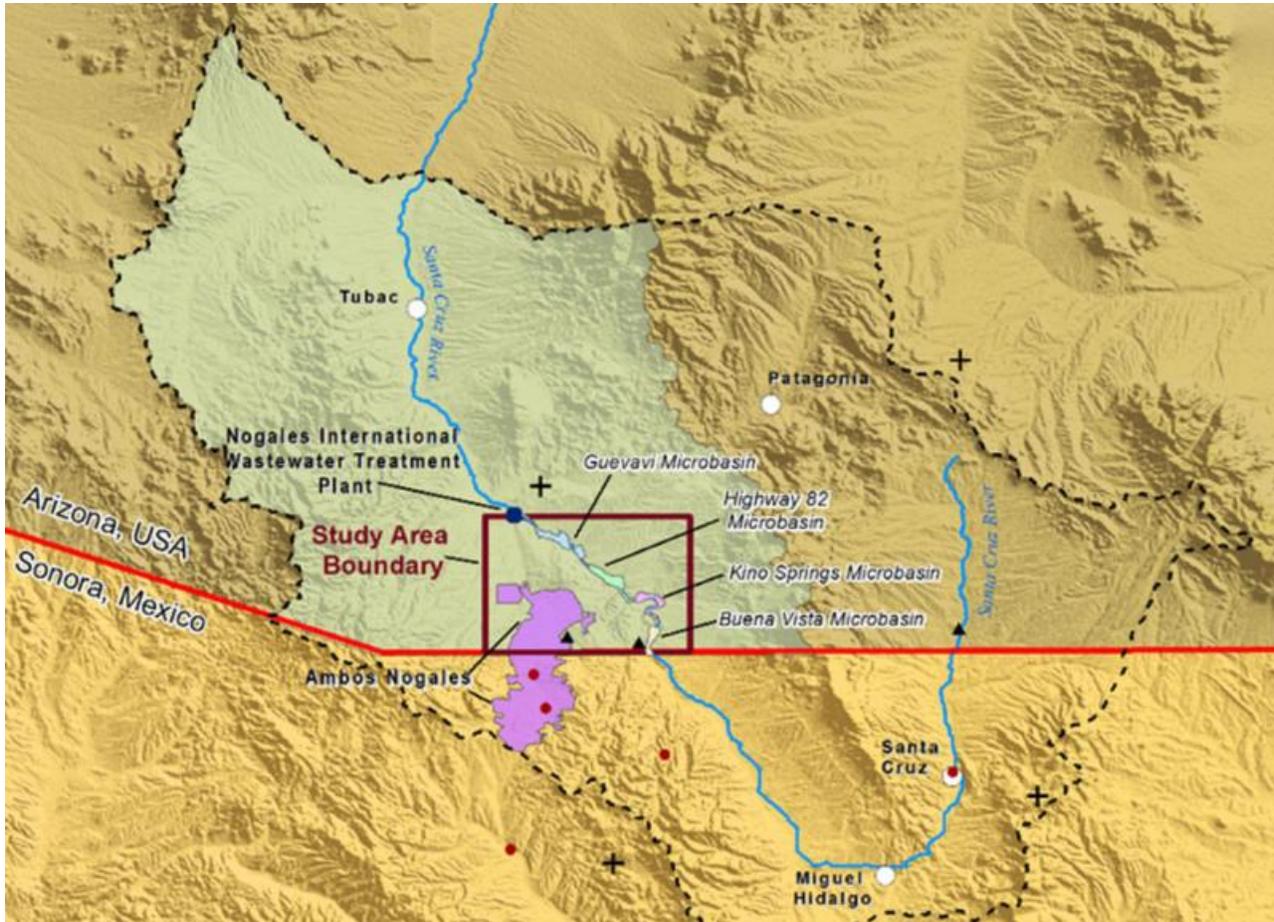


COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**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](#)



Groundwater, Climate, and Stakeholder Engagement

WRRC Publication "Groundwater, Climate, and Stakeholder Engagement"

An article by Susanna Eden, WRRC Assistant Director, Sharon B. Megdal, WRRC Director, Eylon

Shamir, Hydrologic Research Center Hydrologic Engineer, Karletta Chief, Soil, Water and Environmental Science Assistant Professor and Extension Specialist, and Kelly Mott Lacroix, WRRS Sr. Research Analyst, has been published in a Special Issue of the on-line journal *Water*. The article, "Opening the Black Box: Using a Hydrological Model to Link Stakeholder Engagement with Groundwater Management", presents the project, entitled Groundwater, Climate, and Stakeholder Engagement (GCASE) as a case study of knowledge co-production. A hydrological model of the Upper Santa Cruz River basin near Nogales, AZ was the focal point of interactions between stakeholders and scientists to better understand the implications of climate uncertainty on managing groundwater in the basin.

The Special Issue, "Water Governance, Stakeholder Engagement, and Sustainable Water Resources Management," focuses on the relationship of water governance practices and stakeholder engagement approaches to the development, evaluation, and adoption of solutions to water management challenges.

Read the complete article [here](#)



**NEXT WRRS SUMMER
WAVE E-NEWS DIGEST JUNE 10**
We'll return to the classic Weekly Wave in the Fall

NEWS

Gov. Ducey Vetoed Two Arizona Groundwater Bills

On May 9, 2016, Governor Doug Ducey vetoed two bills that would have made it more difficult for Cochise and Yuma counties to require that developers show there is an adequate water supply to support their developments for 100 years. Groundwater pumping in most of rural Arizona is unrestricted, but Cochise and Yuma counties used a law passed in 2007 that enabled them to require developers to prove they have a 100-year water supply before any construction can begin. Senate Bill 1268 would have allowed cities and towns in those counties to opt out of the 100-year water-supply requirement. In Senate Bill 1400, the county supervisors would have had to review their groundwater ordinances every five years, providing an opportunity to rescind them. In vetoing both bills, Governor Ducey said in his veto letter, "Ensuring the certainty and sustainability of Arizona water is a top priority. I will not sign legislation that threatens Arizona's water future."



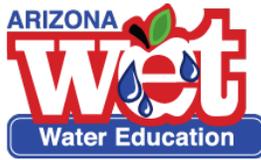
Read the the Arizona Republic article "Ducey Vetoes two Arizona groundwater bills" [here](#)

Read the Arizona Daily Star article " Ducey vetoes bills easing developers' water rules" [here](#)

Students' Success Measured in Gallons

Students taking positive action in the community is the bottom line of APW's STEM education. We connect with teachers through our STEM Academies and support them





in using student-driven project based learning. On May 23, Josh Ruddick, a Santa Rita high school teacher and his students celebrated the successful completion of a year of APW STEM learning by painting a rain barrel system that they designed and built to capture water for a future garden at their school.



Arizona Project WET and Watershed Management Group supported this project and APW's university student educators engaged high school students in experimenting with using solar panels to provide energy to pump water through a fountain. The learning never ends.

Find out more about APW Teacher Academies [here](#)

Arizona Water Reuse 2016 Symposium and WaterReuse Arizona 2016 Scholarship



The Arizona Water Reuse 2016 Symposium will be held July 24-26 in Flagstaff, AZ. The event is presented jointly by WaterReuse Arizona and the Arizona Water Association.

The conference's agenda includes a session on advances in research, in which WRRC Associate Director Jean E. McLain will give a talk on anti-biotic resistance (July 25). The Symposium will also provide a partial screening of "Beyond the Mirage: The Future of Water in the West," a film by Cody Sheehy and a production of Arizona Public Media, the University of Arizona College of Agriculture and Life Sciences, and the Water Resources Research Center.

Register for the Arizona Water Reuse 2016 Symposium [here](#)

WaterReuse Arizona will award two scholarships of \$2,500 each to Arizona university and college students focusing on wastewater reclamation, water reuse, or desalination. The scholarships will be awarded at the Arizona Water Reuse 2016 Symposium. The deadline to submit applications is June 15, 2016.

Follow the instructions to apply for the WaterReuse scholarship before June 15, 2016 [here](#)

WRRC Welcomes New Staff Member Bernadette Capossela

The Water Resources Research Center welcomes Administrative Associate Bernadette Capossela. Bernadette will be providing support for the WRRC Administration and the Director, Sharon B. Megdal. She will also oversee day-to-day management at the WRRC. Bernadette has 10 years of experience at the University of Arizona. She started at the Strategic Alternative Learning Techniques Center and moved later to the Department of Agricultural and Biosystems Engineering in the College of Agriculture and Life Sciences to work as an Administrative Associate. She has an Associates degree from Pima Community College. Please join the WRRC in welcoming Bernadette.



2016 Montgomery & Associates Summer Intern Selected

The WRRC is happy to announce the winner of the 2016 Montgomery & Associates Summer Writing Internship. The new intern, Noah Silber-Coats, is a Ph.D. student in the



School of Geography and Development, where his academic research has focused on small-scale hydropower development in Mexico. Noah was selected from a large pool of talented applicants from all three Arizona universities to work on the WRRC's Arroyo publication. In 2017, the Arroyo topic will be water banking, recharge, and recovery in the context of Arizona's groundwater management and planning. This internship is made possible by support from Montgomery & Associates, an Arizona-based consulting firm specializing in hydrology and water resource issues.



Help Evaluate the Effectiveness of Watershed Partnership



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Do you work with or participate in watershed partnerships? Please take the anonymous survey before May 27, 2016 to help the Cross Watershed Network and the WRRC evaluate the effectiveness of watershed partnerships.

To take the survey by May 27, 2016 click [here](#)

WATER RESOURCES RESEARCH CENTER

The University of Arizona Water Resources Research Center (WRRC) - A unit of the University of Arizona, College of Agriculture and Life Sciences and Arizona Cooperative Extension - promotes understanding of critical state and regional water management and policy issues through research, community outreach and engagement, and public education.

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