

WEEKLY WAVE



THE UNIVERSITY OF ARIZONA
COOPERATIVE EXTENSION

WATER RESOURCES RESEARCH CENTER



September 13, 2024 / Volume 12, Issue 23

The Water Resources Research Center - a research unit of the [College of Agriculture, Life and Environmental Sciences](#) and an Extension unit in [UA Cooperative Extension](#) within the Division of Agriculture, Life & Veterinary Sciences & Cooperative Extension. [Land Acknowledgement.](#)

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2024 marks the 60th anniversary of the Water Resources Research Center at the University of Arizona. Find out [more](#).

IN THIS ISSUE: Dear Body of Water, 104(b) Tribal Water Project, txH₂O, Glendale-Goodyear Water Exchange

[GIVE NOW](#)

DEAR BODY OF WATER

WRRC Takes Part in Water-Poetry Project

LOCATE _____

DEAR [BODY OF WATER] instructions:

Please write a palm-sized love letter to a body of water. A letter can be as short as a sentence or stanza.

DEAR _____ (insert name of body of water),

LOVE, _____ (your name as letter writer)

University of Arizona Poetry Center
Attn: Dear Body of Water
PO 210150
Tucson, AZ 85721

Agnese Nelms Haury Program in Environment & Social Justice

WATER RESOURCES RESEARCH CENTER

This water harvesting project grows from *Relational Ecologies: Writing with Water* by Gretchen E. Abendson @ UA Poetry Center (2019-2024).

The WRRC is collaborating with the University of Arizona Poetry Center for the *Dear Body of Water* project by contributing images from our photo contest archive for use on project postcards. *Dear Body of Water* is a global poetry project that aims to “recontextualize our relationship with water... as a living entity worthy of our care, appreciation, and protection.” The project collects poetic messages addressed to bodies of water as fellow beings on this Earth for a collective poem to water. *Dear Body of Water* invites everyone to recognize a beloved river, lake, aquifer, or other body of water with words or artwork. An [interactive map](#) highlights the diverse locations from which poem submissions have been received. More plans will unfold as people participate to grow the flow of care for watersheds. To send your message to a favorite water body, pick up a postcard at the Poetry Center or participate online at [Dear Body of Water – Poets for Science](#). Photographers, please note that you can submit photos to the [WRRC 2024 Photo Contest](#) through December 20.

- [Dear Body of Water](#)
- [Share Your Voice](#)
- [Photo Contest](#)

2025 ANNUAL CONFERENCE

SAVE
the
DATE

WRRC 2025 Annual Conference
May 20–21
SHARED BORDERS
SHARED WATERS
Working Together in Times of Scarcity

EVENTS

WRRC Water Webinar: Re-Imagining Water Resiliency – The San Diego Story

Date: Monday, Sep 16, 2024
Time: 12:00 pm–1:15 pm Arizona Time
Location: [Webinar Only](#)

Speaker:
Dan Denham, *General Manager, San Diego County Water Authority*



This WRRC Water Webinar will be an overview of how San Diego went from being almost

100% reliant on one imported water supplier to developing one of the most resilient water supplies in the southwest.

[Register Here](#)
[More Info](#)

WRRC Water Webinar: Using Green Stormwater Infrastructure Projects to Develop Partnerships, Address Stakeholder Needs, and Build to Future Work



Date: Tuesday, Sep 24, 2024
Time: 12:00 pm–1:15 pm Arizona Time
Location: [Webinar Only](#)

Speakers:

Garland Speight, *Project Manager, Water Resources Research Center*
Todd Pryor, *Town Manager, Town of Superior, Arizona*
Raluca Mihalcescu, *Water Conservation Coordinator, Arizona Water Company*
Jim Schenck, *Treasurer, Rebuild Superior & Vice President, Legends of Superior Trail*

This WRRC Water Webinar will describe how the Town of Superior and associated stakeholders have used the Coleman Alley Green Stormwater Infrastructure Project to help develop partnerships and address water issues on Queen Creek. Panelists will provide a brief history of watershed restoration work efforts for Queen Creek near the Town of Superior, how this group of partners won funding for this Green Stormwater Infrastructure Pilot Project, and the status of project implementation. Partner presentations will provide perspectives on how stakeholder (e.g., community, agencies, NGO) interests were incorporated into planning, highlighting the co-benefits of this project for water conservation, flood control, and climate change mitigation. The presentation will conclude with a brief description of how this project has helped build a foundation for future successes, including recent funding awards that will advance Queen Creek Restoration Planning efforts.

[Register Here](#)
[More Info](#)

Upcoming WRRC Events

- **Oct 16:** WRRC Water Webinar: First Nations Water Rights (Australia); Sheryl Hedges and Brandon Etto; 3:30–4:45 MST – **Save the Date!**
- **Oct 31:** [WRRC Water Webinar: Living River: The Promise of the Mighty Colorado; 3–4:30 pm](#)
- **May 20–21, 2025:** [WRRC 2025 Annual Conference: Shared Borders, Shared](#)

NEWS

Tribal Water Settlements Research Receives



104(b) Funding

The WRRC is pleased to announce that a new student research project received funding from the federal Water Resources Research Act (WRRRA) annual 104(b) grant program. Graduate Research Associate Aminta Menjivar, a PhD candidate in American Indian Studies minoring in Law, will be researching “Indian Water Settlements in Arizona: An Analysis of their History and Potential Future.” Menjivar’s dissertation research focuses on how Native American communities may best implement their water rights in accordance with their specific cultures, histories, and water needs. Of the 22 federally recognized Native American Tribes in Arizona, 11 have resolved water claims through water settlements. The purpose of the 104(b) study is to critically analyze existing Tribal water settlements to determine how over time they have evolved and how they may be shaped going forward. Project results will inform policymakers and negotiators about past Tribal water settlements for the design of future water settlements. The WRRRA 104(b) program provides small research grants for projects that feature student work and explore new ideas to address water problems. Researchers and students at any Arizona university who are interested in applying for 104(b) research grants in 2025 should watch the *Weekly Wave* and the WRRC website for updates. To be added to the WRRRA 104 grants notification list, contact wrrc@arizona.edu.

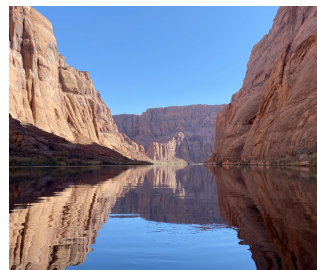
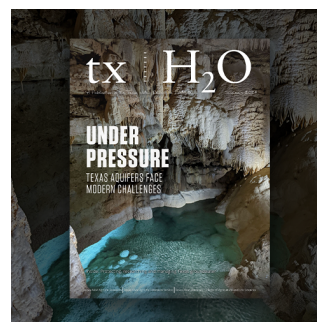


Image: [Camilo Salcedo. Marble Canyon, AZ. WRRC 2022 Photo Contest](#)

104(b) Grant Info

txH₂O Magazine Features Groundwater

The Texas Water Resources Institute recently released the Summer 2024 edition of its txH₂O magazine. The magazine generally features stories on water resources research, outreach programs, and priority water issues facing Texas, but this edition specifically features aquifers and other regional groundwater topics. WRRC Director Sharon B. Megdal contributed her expertise and was quoted in two articles focusing on differences in groundwater management across some western states and transboundary aquifers. The first article, “Different States, Different Management Strategies,” highlights the efforts in Texas, Kansas, and Arizona toward preventing aquifer depletion and protecting the states’ groundwater supplies. In the second article, “Aquifers Along the Border,” the discussion of groundwater management for aquifers that span the US-Mexico border highlights the work of the Transboundary Aquifer Assessment Program (TAAP). The article cites a publication by the TAAP team from earlier this year, titled “Crafting Binational Groundwater Agreements: Preconditions for Progress Along the Mexico-U.S. Boundary.” The full Summer 2024 issue of txH₂O is available online.



Read the Current Issue of txH₂O TAAP Publication

Glendale-Goodyear Exchange Boosts Water Management Efficiency



A new water exchange between the cities of Glendale and Goodyear will yield efficiency gains for both cities. Goodyear will send Central Arizona Project (CAP) water through the CAP-SRP Interconnection Facility (CSIF) and take exchange water from the Pyramid Peak Treatment Facility in north Glendale. Under the exchange agreement, Goodyear stands to save \$400,000 a year or more for the next 10 years.



Glendale will make use of its investment in modified water storage and operations on the Salt and Verde rivers. Water exchanges such as this are intended to improve the match between supply and demand in time, location, and quality. Unlike some other exchanges, this agreement governs delivery of equal amounts of wet water, made possible by the CSIF, which allows water to flow from CAP to Salt River Project (SRP) canals. Construction of a planned SRP-CAP Interconnection Facility would allow wet water to flow in the opposite direction, which would increase opportunities for exchange.

[West Valley View Article](#)



Exciting News: The Weekly Wave is Moving to a New Platform!

This fall, we're transitioning to Trellis, the University of Arizona's Constituent Relationship Management (CRM) system, to deliver our *Weekly Wave* e-news digest. If you're already subscribed, no action is needed—we'll automatically transfer your subscription. Stay tuned, more details coming soon!

WATER JOBS & OTHER OPPORTUNITIES

WRRC Openings

- [AmeriCorps Members](#)
- [Graduate Research Assistant](#)

External Job Postings

- City of Surprise [Environmental Compliance Analyst](#)
- The Nature Conservancy [Water Program Policy Specialist, Arizona](#)
- Town of Gilbert [Water Conservation Specialist I](#)

Please visit [WRRC's website](#) for a complete listing of water jobs and opportunities.

WATER NEWS

- [National Science Foundation \(NSF\) Graduate Research Fellowship Program Seeking Reviewers](#)
- [Updated Landscape Plants for the Arizona Desert Available](#)
- [Defining Water Terminology](#)
- [U of A Campus Sustainability Fund Mini Grants](#)
- [U of A Campus Sustainability Fund Indigenous-Centered Mini Grants](#)
- [ABWC Water Management Certificate Program – Only a few seats left!](#)
- [Register for the AWRA, UCOWR, NIWR 60th Anniversary Joint Water Resources Conference](#)

**CALLING ALL
PHOTOGRAPHERS**
**WRRC 2024
PHOTO CONTEST
WATER IN ARIZONA**

SUBMIT YOUR PHOTOS!



CALENDAR ANNOUNCEMENTS

- **Sep 14:** [Biosphere 2 Annual Symposium: Opportunities for Research and Education at Biosphere 2: Finding Solutions for Resilience](#)
- **Sep 16:** [WRRC Water Webinar: Re-Imagining Water Resiliency - The San Diego Story](#)
- **Sep 16:** [Rural Groundwater Resilience Workshops – Submission Deadline](#)
- **Sep 16:** [PEER2PEER Seminar Series: Transboundary Water Governance and the Colorado River](#)
- **Sep 16:** [AIDA Webinar: Cooperating Over Shared Freshwater Resources Using International Law](#)
- **Sep 16:** [Water Leadership Institute: Community Without Boundaries – Application Deadline](#)
- **Sep 17:** [USGS Western Geographic Science Center Seminar: The Root Zone as a Reservoir For Plants and Streams](#)
- **Sep 18:** [Santa Cruz River Dragonfly Festival Event: Bugs & Bites](#)
- **Sep 19:** [Santa Cruz River Dragonfly Festival Webinar: Dragonflies: Their Lives Before Adulthood](#)
- **Sep 24:** [WRRC Water Webinar: Using Green Stormwater Infrastructure Projects to Develop Partnerships, Address Stakeholder Needs, and Build to Future Work](#)
- **Sep 24:** [WestWater Forum: How Public–Private Partnerships Maximize Arizona’s Water Resources](#)
- **Sep 24:** [6th Annual Watershed Management Group "Beavers & Brews" Event](#)
- **Sep 26:** [One Water Webinar: Leadership Lessons on Transforming the Water Workforce and Advancing Equity](#)
- **Sep 28:** [Santa Cruz River Dragonfly Festival Event – Guided Dragonfly Tours](#)
- **Sep 30–Oct 2:** [2024 AWRA, UCOWR, NIWR 60th Anniversary Joint Water](#)

[Resources Conference: Celebrating the Past and Planning for the Future of Water](#)

[More Calendar Announcements](#)

Do you have a story idea, water job announcement, or event to share?

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