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THE UNIVERSITY OF ARIZONA



**WATER RESOURCES
RESEARCH CENTER**

WEEKLY WAVE

October 17, 2025 / Volume 13, Issue 29

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Colorado River Basin Delegation, La Paz
County, Transboundary
Collaboration, Examining Tree Rings

The [WRRRC](#) is a research unit of
the [College of Agriculture, Life and
Environmental Sciences](#) and an Extension
unit in [Cooperative Extension](#).

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News



Colorado River Basin Delegation Attends Workshop on Indigenous and Western Science

Last week, October 8–10, 2025, a delegation from the Colorado River Basin (CRB) traveled to Toronto, Ontario, Canada, to participate in a workshop on “Braiding Knowledges in Water & Land: Collaborative Adaptive Management.” WRRRC Director Sharon B. Megdal and Dr. Karletta Chief (Diné), Director of

the Indigenous Resilience Center at the U of A, were among the organizers of the workshop, which included representatives from the CRB, the Bay Delta region of California, Australia, and Canada.

[READ MORE](#)



Did You Know? La Paz County Water Facts

The primary source of water in La Paz County is surface water (87%), with groundwater making up the remaining supply (13%). Most surface water in La Paz County comes from the Colorado River and its tributaries. Colorado River water is managed by the US Bureau of Reclamation and the Arizona Department of Water Resources (ADWR) based on Colorado River entitlements.

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Transboundary Collaboration Tackles Water Challenges in Ambos Nogales

On October 8, Elia Tapia, Associate in Extension at the WRRRC, joined representatives from Santa Cruz County, the City of Nogales, the Arizona Department of Environmental Quality (ADEQ), and Arizona State University (ASU) at the Santa Cruz County Complex to review findings from three initiatives addressing water management and flooding challenges in Ambos Nogales.

[Read More](#)



U of A Scientists Use Tree Rings to Reconstruct Jet Stream History

A recent study led by U of A scientists developed new insights into the atmospheric forces that shape extreme summer weather by examining tree rings. In a study published in the journal *AGU Advances*, researchers used centuries of tree-ring records to reconstruct the history of jet stream patterns known as “locked” wave5 configurations, which can stall weather systems and trigger heat waves and drought across continents.

[Read More](#)

Events

SAVE
~ the ~
DATE
APRIL 14–15

WRRC 2026
ANNUAL CONFERENCE

**Commercial & Industrial
Water Stewardship:**
Large Users and Our Water Future



WRRC Water Webinar: Arizona Water Company: Sustainable Water Resources Strategy

Featured Speakers: Fredrick K. Schneider, President, Arizona Water Company, and Terri Sue C. Rossi, Vice President, Water Resources, Arizona Water Company

Date: October 22, 2025

Time: 12:00 pm Arizona Time

Location: [Zoom](#)

[More Info](#)



WRRC Water Webinar: 104(b) Grant Program Student Research Presentation — Indian Water Settlements in Arizona: An Analysis of their History and Potential Future – *Co-sponsored by the U of A Indigenous Resilience Center*

Featuring Aminta Menjivar, PhD in American Indian Studies; Human Rights Consultant

Date: November 12, 2025

Time: 12:00 pm Arizona Time

Location: [Zoom](#)

[More Info](#)



Native Voices in STEM Webinar: Engineering Water Solutions: Membrane Innovation and Community Partnerships – *WRRC Co-Sponsored Event*

Featuring Dr. Vicky Karanikola, Associate Professor of Chemical and Environmental Engineering

Date: November 12, 2025

Time: 12:00 pm Arizona Time

Location: [Zoom](#)

[More Info](#)

Upcoming WRRC Events

NOV
18

[WRRC Water Webinar: Conjunctive Water Management for Sustainability](#)

Co-sponsored and Other Events

Water News

- [CAWCD Board Approves Purchase & Sale of 4,500 Long-Term Storage Credits in Tucson AMA](#)
- [Groundwater Issues Have Halted Developments in Buckeye. AZ Has Plan to Move Forward \(KJZZ\)](#)
- [Nobel Prize in Chemistry Goes to Discovery that Could Trap CO2 and Bring Water to Deserts \(AP News\)](#)
- [Low-Income Tucson Residents Can Get More Help with Water Bills](#)
- [Volunteers Needed for Chandler Water Festival Nov 5–6](#)
- [Call for Contributions: The Water We Want 2026 – Youth Prize Contest for Water Artwork](#)
- [Public Spending and Water Scarcity: An Empirical Analysis of USBR Investments in the Colorado River Basin \(JAWRA Research Article\)](#)

Water Jobs & Other Opportunities

- [ADWR: AMA Establishment Supervisor](#)
- [Ohio State University, Byrd Polar and Climate Research Center: Director](#)
- [Thornburg Foundation: Water Policy Officer](#)
- [University of Arizona: Assistant/Associate Professor of Practice, Environmental and Community Resilience](#)
- [U of A Campus Sustainability Fund Indigenous-Centered Mini Grants](#)

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

Calendar Announcements



- Oct 17: [Public Comment Period for Arizona Water Protection Fund Fiscal Year 2026 Grant Applications – Submission Deadline](#)
- Oct 18–Dec 27: [River Run Network River Restoration Workshops/Arundo Removal and Clean Ups](#)
- Oct 22: [WRRRC Water Webinar: Arizona Water Company: Sustainable Water Resources Strategy](#)
- Oct 23: [Flagstaff City Council/City Water Commission Work Session](#)
- Oct 24: [ABWC Event: 34th Annual Tommy Caywood Memorial H2Open Golf Tournament](#)
- Oct 25: [Arivaca Water Summit – Free Community Gathering Focused on Water in the Arivaca Region](#)
- Oct 28–30: [Arizona Wildland Urban Interface Summit](#)
- Oct 30: [CAP University: Deeper Dive on the Status of the Colorado River](#)
- Oct 30–31: [2025 Family Farm Alliance Annual Meeting and Conference](#)

MORE CALENDAR ANNOUNCEMENTS

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Land Acknowledgment

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O'odham and the Yaqui. The university strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.