

WEEKLY WAVE



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**



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The Water Resources Research Center - a research unit of the [College of Agriculture and Life 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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IN THIS ISSUE: Chile-Arizona, CAP, IRES, Factsheet, AAWWA, 104(b)



Registration Open for Webinar on Water and Agriculture in Chile and Arizona

The Agricultural Office of the Embassy of Chile in the US and the WRRC are co-hosting the webinar, "Water and Agriculture: Chile-Arizona Experience," on November 29 from 11 to 1 pm Arizona time and 3 to 5 pm Chile time. Registration is now open for this webinar, which will bring together key stakeholders, decision-makers, scientists, water experts, and

others to discuss the developing projects to advance sustainable water resources and agriculture management. The discussion panel will feature a distinguished group of commentators from Chile and Arizona, including the Chilean Embassy's Agricultural Attaché in the US Andres Rodrigues and CNR – Chile Head of Water Policies Javiera Herrera, along with the Yuma County Water Users Association General Manager Tom Davis, WRRRC Director Sharon B. Megdal, and other knowledgeable UArizona specialists and researchers. Live translation of the webinar will be provided in both English and Spanish.

- [Register Here](#)
- [More Info](#)
- [Chile-Arizona Flyer \(English\)](#)
- [Chile-Arizona Flyer \(Spanish\)](#)

EVENTS

WRRC Brown Bag Webinar: Watershed Collaboration in the Tucson Basin: Santa Cruz Watershed Collaborative Adopts a Watershed Restoration Plan to Promote Flowing Rivers

Date: Nov 18, 2022

Time: 12:00 pm–1:15 pm Arizona Time

Location: [Webinar Only](#)

Speakers:

Lisa Shipek, *Executive Director, Watershed Management Group*
Amanda Webb, *Ecological Monitoring Program Coordinator, Pima County*



Since 2017, the Santa Cruz Watershed Collaborative (SCWC) has been providing forums for partner agencies and organizations to work toward better aligning their approaches to watershed management in the Tucson Basin of the Santa Cruz River watershed. SCWC is working toward the vision of people working together to ensure a healthy urban watershed with flowing rivers and streams. In response to a request for input, stakeholders expressed a need for greater coordination and collaboration across the watershed and a more holistic approach to ensuring a sustainable water supply and healthy ecosystems. As a result, after more than three years of collaboration, SCWC adopted a Watershed Restoration Plan in 2022. In this WRRC Brown Bag Webinar presentation, panelists will discuss development of the plan, strategies stakeholders are rallying around to achieve shared goals, and how SCWC is moving forward to address ongoing challenges in the watershed.

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

Upcoming Events

Nov 29: [Water and Agriculture: Chile-Arizona Experience](#)

NEWS

New CAP General Manager Appointment Announced

Brenda Burman, who served as Commissioner of the US Bureau of Reclamation between 2017 and 2021, will replace Ted Cooke as General Manager of the Central Arizona Project (CAP) on January 6, 2023. Cooke is retiring from the position he has held since 2016. Of Burman he said, “Her vast experience, coupled with her fresh perspectives, will help her take the reins and lead the organization through what will undoubtedly be some tough times.” Burman, who graduated from Kenyon College in Ohio, has worked collaboratively for over 25 years in the search for solutions to diverse resource challenges. Her work with water resources includes serving as counsel on water and energy for US Senator Jon Kyl and holding senior positions with The Nature Conservancy, Metropolitan Water District of Southern California, and Salt River Project. Burman joined CAP in 2021, acting as executive strategy advisor. Her CAP experience over the past year is expected to facilitate a seamless transition in leadership. As the fifth general manager, she is the first woman appointed to the position.



[CAP News](#)

Indigenous Scholars and Activists Recognized

University of Arizona (UArizona) students, faculty members, and affiliates were among the Indigenous individuals recognized recently for their work. On November 4, Indigenous Resilience Center Director Karletta Chief presented the 2022 Indigenous Resilience Leadership Award to Otakuye Conroy-Ben, Timian M Godfrey, Janene Yazzie, and Kern Collymore. The award “recognizes outstanding individuals making a positive impact in tribal communities to create healthy environments.” Karletta Chief was, herself, selected to be a 2022 Fellow of The WINGS Women of Discovery. This prestigious honor is awarded to “extraordinary women making significant contributions to world knowledge and science through exploration.” Additionally, Nikki Tulley, a PhD candidate in the UArizona Department of Environmental Science, received the Centennial Achievement Graduate Student Award. Tulley was nominated for this award by WRRC Director Sharon B. Megdal. Congratulations to these remarkable individuals!



- [Indigenous Resilience Leadership Awardees](#)
- [WINGS Women of Discovery](#)
- [Centennial Achievement Awards](#)

Did You Know?

In Maricopa County, reclaimed water is utilized to cool towers for the Palo Verde nuclear power plant, enhance riparian ecosystems, and recharge groundwater aquifers. Reclaimed water, also known as recycled effluent, is highly treated wastewater. It is a safe alternative source of water for many uses, including irrigation, industrial processes, aquifer recharge, and restoring aquatic and riparian habitats. The use of reclaimed water in the Phoenix AMA has increased four-fold since 1985. In fact, reclaimed water use has been a longstanding practice for the area, considering it was used by farmers in Phoenix for irrigation purposes as early as 1932. Want to learn more about water conservation initiatives in Maricopa County? Check out the full [Maricopa County Water Factsheet](#).



Image: City of Peoria

- [View Maricopa County Water Factsheet](#)
- [Phoenix Water Supply](#)
- [Arizona Water Reuse](#)

Arizona Association of Women in Water and Agriculture Annual Meeting



The Arizona Association of Women in Water and Agriculture is holding its second annual meeting on November 16–17 at the Salt River Project PERA Schillings Training and Conference Center in Tempe, Arizona. The event is intended to support, celebrate, and inspire women interested in or involved in water and agriculture sectors through fellowship and education. The first day will feature a cocktail and networking mixer from 6:30 pm – 8:30 pm, and activities on the 17th from 9:30 am – 2:30 pm include a vendor market, silent auction prizes, and meals. Presentations from Keynote Speaker Kathleen Ferris, senior research fellow for the Kyl Center for Water Policy, and female representatives from the Arizona Department of Water Resources, University of Arizona Cooperative Extension, and the Arizona Republic will provide women’s perspectives on working at the intersection of water and agriculture. For more information on the event, contact Stephanie Knight at (480) 558-5301 or via email: Stephanie@agribusinessarizona.org

[More Info](#)

WRRC 104(b) RFP Coming in December

The WRRC’s FY 2023 call for 104(b) research grant proposals has been delayed by national level changes to the 104(b) program schedule. Interested researchers at any of Arizona’s three universities should look for the Request for Proposals (RFP) in December 2022. As usual, the RFP will invite proposals with strong student involvement for research on regionally relevant water issues. The WRRC evaluates proposals and selects the individual projects to include in the full proposal it submits to the US Geological Survey (USGS) as part of the Water Resources Research Act program. In this cycle,



selection is likely to occur in March 2023. No important changes in requirements or selection criteria are expected.

In recent years, the USGS has been adjusting the program's calendar in response to changes in federal administrative procedures and the congressional appropriations process. For many years previous, the annual call was announced in early Fall. Proposals were submitted to the WRRRC in November, the WRRRC's full proposal was due in January, awards were made in February, and projects began March 1. According to the new schedule, the project year has shifted by six months. The USGS will issue the official RFP in March 2023, and awards will be issued around September 1. During this transition period, the WRRRC, like other national water institutes generally, is not waiting for the official RFP to solicit research proposals.

A promotional banner for the WRRRC 2022 Photo Contest. On the left, there is a logo of a camera with a water drop inside, followed by the text "WRRRC 2022 Photo Contest". In the center, the text "WATER NOW!" is written in a bold, sans-serif font, with "Living With Less" in a cursive font below it. On the right, a photograph shows a man wearing a wide-brimmed hat and a watch, holding a camera up to his eye as if taking a picture. A green button with the text "Submit your photos!" is positioned below the central text.

WRRRC 2022 Photo Contest

WATER NOW!
Living With Less

Submit your photos!

WATER JOBS

- Central Arizona Project (CAP) [Water Resources Planning Analyst II](#)
- Oklahoma State University [Assistant Professor, Irrigation Engineer](#)
- Oklahoma State University [Assistant Professor, Water Management](#)
- Texas A&M Agrilife Research [Director, Texas Water Resources Institute](#)
- Watershed Management Group [Education Program Director](#)
- Watershed Management Group [Restoration Ecologist Project Manager](#)

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

ANNOUNCEMENTS

- **Nov 10:** [WRRRC Brown Bag Webinar: 104\(b\) Grant Program: Student Research Presentations](#)
- **Nov 12:** [ADWR Public Hearing: Proposed Hualapai Valley INA](#)
- **Nov 15:** [Phoenix Water - Colorado River Shortage Town Hall Virtual Meeting](#)
- **Nov 15:** [SCWC Fall Field Trip: Connecting with Our Watershed: Springs, Shallow Groundwater Areas, and River Restoration](#)
- **Nov 16:** [Yuma Center of Excellence for Desert Agriculture: Desert Agriculture Research Symposium](#)
- **Nov 16:** [Arizona Association of Women in Water & Agriculture: Wine, Women & Water](#)
- **Nov 17:** [Arizona Association of Women in Water & Agriculture: Annual Meeting & Networking Conference](#)
- **Nov 17:** [Common Good Challenge Pre-Registration Webinar](#)
- **Nov 18:** [WRRRC Brown Bag Webinar: Watershed Collaboration in the Tucson Basin: Santa Cruz Watershed Collaborative Adopts a Watershed Restoration Plan to Promote Flowing Rivers](#)

- **Nov 18:** [Groundwater Resources Association of California Conference: Climate Change Inundates Groundwater Industry - Topic Submission Deadline](#)
- **Nov 20:** [Native Voices in Film - Inhabitants and Finding Nemo in Navajo Screenings](#)
- **Nov 27-Dec 1:** [The 8th International Conference on Drylands, Deserts & Desertification: Learning from Drylands: A Global Effort Towards Ecosystem Restoration](#)
- **Nov 29:** [Water and Agriculture: Chile-Arizona Experience](#)
- **Nov 30:** [Native Voices in STEM Fall 2022 Seminar Series: An Indigenous Hydrogeochemists Career Trajectory through Academia and Industry](#)
- **Dec 6:** [CAP University: Deeper Dive on Power](#)
- **Dec 7:** [Water Education Foundation 2023 California Water Leaders Class – Application Deadline](#)
- **Dec 8:** [ADWR Supply and Demand Assessment Informational Meeting](#)
- **Dec 13:** [Common Good Challenge – Registration Deadline](#)
- **Dec 16:** [UCOWR Board of Directors 2023 Election – Nomination Deadline](#)
- **Jan 1, 2023:** [NGWA Conference: Managed Aquifer Recharge: Unleashing Resiliency, Protecting Groundwater Quality – Abstract Submission Deadline](#)
- **Jan 15, 2023:** [Campus Sustainability Fund Annual Grants – Preliminary Application Deadline](#)
- **Jan 27, 2023:** [Fifth National Climate Assessment Call for Public Comment – Submission Deadline](#)
- **Jan 30, 2023:** [2023 UCOWR/NIWR Annual Water Resources Conference – Abstract Deadline](#)
- **Feb 6-7, 2023:** [Groundwater Resources Association of California Conference: Climate Change Inundates Groundwater Industry](#)
- **Feb 15, 2023:** [Call for Papers: JCWRE Special Issue on Undergraduate Research and Education – Submission Deadline](#)
- **Feb 24, 2023:** [2023 Land and Water Summit – Registration Deadline](#)
- **Mar 1-3, 2023:** [2023 Land and Water Summit](#)
- **Apr 24-25, 2023:** [NGWA Conference: Managed Aquifer Recharge: Unleashing Resiliency, Protecting Groundwater Quality Conference](#)
- **May 7-10, 2023:** [National Association of Environmental Professionals \(NAEP\) 2023 Conference](#)
- **May 8-9, 2023:** [Water for Food Global Conference: Cultivating Innovation: Solutions for a Changing World](#)
- **Jun 13-15, 2023:** [UCOWR/NIWR 2023 Annual Water Resources Conference](#)
- **Jul 17-19, 2023:** [AWRA 2023 Summer Conference: Connecting Land & Water for Healthy Communities](#)

PUBLICATIONS & MEDIA

ADWR guide to terminology about water in the Southwest. [Read Here](#)

BBC article on drought in Tucson. [Read Here](#)

Blog post by Dan Keppen

“There Has Never Been a More Important Time to Protect American Food Production”

[Read Here](#)

Funding Opportunities for Tribal Water Priorities

Western Resource Advocates Guidebook. [Read Here](#)

Research article: Mary-Belle Cruz Ayala & Cecilia Tortajada. 2022. “Managed aquifer recharge in Mexico: proposals for an improved legal framework and public policies.” *Water International*. <https://doi.org/10.1080/02508060.2022.2132668>

Responsible Desert Dweller Guide

New online resource from Tucson Water. [More Info](#)

OTHER NOTICES

New CAP General Manager Selected

The CAWCD Board has named Brenda Burman as its next General Manager. Burman will begin in her new role effective Jan. 6, 2023, following the retirement of current General Manager Ted Cooke. [More Info](#)

UCOWR Board of Directors Call for Nominations

Nominate a colleague or yourself for one of three open positions. Nominations are also being accepted for a new graduate student board position. Email all nominations to ucowr@siu.edu no later than Friday, December 16, 2022.

Water Conservation Field Services Program

This funding opportunity offers grant awards of up to \$100,000 for selected projects. Eligible projects include conservation planning, system optimization reviews, and water management improvements. Applications must be submitted by November 18, 2022.

[More Info](#)

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

[Contact us here](#)