

WEEKLY WAVE



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**



September 2, 2022 / Volume 10, Issue 21

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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What's Next? Upcoming WRRC Fall Events

The Fall 2022 semester is upon us, and the WRRC is preparing for another exciting season of [Brown Bag Webinars](#) and other events. We kicked off the new academic year with two Brown Bags, discussing the recently released [Pima County Water Factsheet](#) and the [Rio Reimagined Initiative](#) on the Salt-Gila River corridor. Recordings of both webinars are now available on our website. While our upcoming events calendar is still subject to changes and additions, we are looking forward to some excellent presentations! Our next Brown Bag Webinar will be Monday, September 12, when we will hear about the [National Water Reuse Action Plan](#) from Sharon Nappier, the National Program Leader for Water Reuse in the Office of Water at the US Environmental Protection Agency. On Tuesday, September 20, we'll learn about the making of a recently released series of educational videos on groundwater, produced by Arizona Project Wet.

[Read More](#)

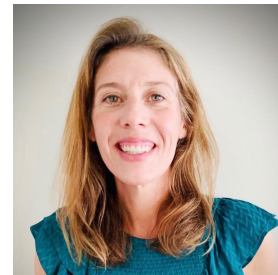
EVENTS

WRRC Brown Bag Webinar: Water Reuse Action Plan and REUSExplorer Demo

Date: Sep 12, 2022

Time: 12:00 pm–1:15 pm Arizona Time

Location: [Webinar Only](#)



Speaker: Sharon Nappier, *National Program Leader for Water Reuse, US Environmental Protection Agency*

The National Water Reuse Action Plan (WRAP) helps drive progress on reuse by leveraging the expertise of scientists, policymakers, and local experts across the country to create a more resilient water future for communities of all sizes. The collaborative launched in February 2020 with federal, state, Tribal, local, and water sector partners to build state and local capacity to pursue reuse practices that help to solve local water resource challenges. There are currently more than 100 organizations partnering on 56 actions in the plan, ranging from scientific and technical advancements in water reuse to better policy and coordination across jurisdictions. The presentation will highlight progress across the WRAP actions and provide a demo of a new tool: Regulations and End-Use Specifications Explorer (REUSExplorer). The REUSExplorer compiles state water reuse regulations and guidelines and highlights the underlying scientific and technical basis of water quality metrics. This new web-based tool, developed by the Environmental Protection Agency (EPA) and partners under WRAP Action 3.1, is searchable by state, source of water, and end-use application to assist states interested in developing regulations and help utilities and practitioners to better understand current regulations. The first end-uses available include potable water reuse, onsite non-potable reuse, and other centralized non-potable reuse applications, not including agricultural and landscape reuse applications. The REUSExplorer is available at <http://www.epa.gov/reuseexplorer>.

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

CLE 10th Annual Tribal Water Law Conference: Water Security on the Path to Resiliency

Date: Sep 19-20, 2022

Time: 8:30 am–5:30 pm Arizona Time

Location: [Webinar Only](#)

The 10th Annual Tribal Water Law Conference will be delivered live and in person. Participate to get important updates on the most critical water issues facing Native American communities today. Hear from Tribes, attorneys, government leaders, academia, and environmental specialists. Don't miss the chance to network with colleagues, earn professional credit, and stay up-to-date!



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

Upcoming Events

Sep 20: [WRRC Brown Bag Webinar: Arizona Project WET's Groundwater Videos in the Making](#)

Sep 28: [Native Voices in STEM Fall 2022 Seminar Series: Featuring Dr. Lani Tsinnajinnie \(Diné\) – Save the Date](#)

Oct 13: WRRC Brown Bag Webinar: The Water Recycling Revolution: History and Lessons from Four Western States – Save the Date

Oct 20: WRRC Special Event: Thirst for Justice – Save the Date

Oct 26: [Native Voices in STEM Fall 2022 Seminar Series: Groundwater to Snow Science: My Research and Teaching Path to Becoming a "Jack\(lyn\)- Of-All-Trades](#)

Nov 10: WRRC Brown Bag Webinar: 104(b) Grant Program: Student Research Presentations – Save the Date

Nov 18: WRRC Brown Bag Webinar: Watershed Collaboration in the Tucson Basin: Santa Cruz Watershed Collaborative Adopts a Watershed Restoration Plan to Promote Flowing Rivers – Save the Date

Nov 30: [Native Voices in STEM Fall 2022 Seminar Series: Featuring Dr. Raymond Torres – Save the Date](#)

NEWS

The Rio Reimagined: Partnerships for Urban Water Resilience

This week, the WRRC hosted a well-attended webinar panel titled “The Rio Reimagined Initiative: River and Community Revitalization Along the Salt - Gila River Corridor.” Webinar moderator and presenter Melissa McCann, director of ASU’s University City Exchange, opened with an overview of the initiative’s objectives aimed at protecting and revitalizing the 58-mile riparian corridor and its surrounding communities. Through inclusive and sustainable projects, the initiative



prioritizes health and wellness, watershed management, and green infrastructure, while promoting urban resilience, community pride, and economic development. The Rio Reimagined Initiative is driven by collaborations with government, nonprofit and private sector partners. McCann was joined by three initiative partners including R.J. Cardin, the director of Maricopa County Parks and Recreation. He introduced the audience to the Maricopa County Parks Vision 2030 plan, which focuses on preserving and expanding the regional park systems. Following Cardin's presentation, Nichole Engelmann with the US Fish and Wildlife Service presented on the Rio Reimagined Urban Program, which is dedicated to conserving, protecting, and enhancing ecosystems for the benefit of communities. To conclude the panel, Tice Supplee, director of bird conservation with Audubon Southwest, presented on behalf of the Lower Gila River Collaborative (LGRC). In partnership with the Rio Reimagined Initiative, LGRC is a nonprofit dedicated to habitat enhancement on the western side of the Salado River using stewardship, outreach, and engagement approaches.

Image: [The Rio Reimagined](#)

[Recorded Presentation and Slides](#)

Recent Extension Conference Featured Engaging Keynote and Panel Discussion

The University of Arizona Cooperative Extension System held its annual conference on August 10-12, the [recordings](#) of which are now available. The conference is an opportunity for Extension personnel, representing a wide range of programs from throughout the State, to gather to learn about others' activities and the opportunities and challenges for extension work in Arizona. On the opening day, WRRRC Director Sharon B. Megdal participated in the panel, "Arizona's Water Resources: Progress, Politics, and Possibilities." Following an engaging overview of the "Hydroclimate of the Colorado River Basin" from UArizona Climatologist and Extension Specialist Mike Crimmins, Megdal gave a two-part presentation covering the importance of context for understanding the three "Ps" in focus for the panel: *progress*, *politics*, and *possibilities* in Arizona's water resources. Megdal also added another "P" for water *policy*, further framing her presentation. Tom Davis, general manager of the Yuma County Water Users' Association, then joined the panel to share some of the real challenges facing Yuma agriculture and the State in light of the developing Colorado River shortage. Following Davis' comments, Sharon Megdal returned for the second part of her presentation, bringing some optimism to the discussion. She detailed some of the opportunities and pathways to solutions for addressing the water challenges we face and emphasized that we *all* have a role to play as water stakeholders.



[Read More](#)

WRRRC Welcomes New Coverdell Fellow Graduate Outreach Assistant

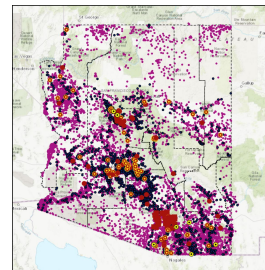
The WRRRC is pleased to welcome Taylor Simmons, our new Coverdell Fellow Graduate Outreach Assistant. The UArizona Peace Corps Coverdell Fellows Program assists returning Peace Corps Volunteers in their efforts to attain graduate degrees and partner with organizations around Tucson. Taylor is pursuing her Master's in Environmental Health Science with a focus on water quality and citizen science. She served as a Community Health Educator in Cameroon from 2019 – 2020.



With the help of her counterparts in Cameroon, she facilitated food demonstrations, taught high school English, started a community garden, and had dreams of implementing grants won in the community when the COVID-19 evacuation took place. More recently, she has worked as a Health and Safety Director of a composting facility that diverted food waste, thereby reducing air and water pollution in eastern Tennessee. She will be working with WRRRC on the Arizona Water Factsheets, research, and outreach. She is excited to be working with such a great team dedicated to water-related issues in underserved, arid communities. In her free time, she enjoys hiking, running, reading, and spending time with her family. Welcome, Taylor, to the WRRRC!

ADWR Provides Water Maps and Data

The Arizona Department of Water Resources (ADWR) has recently announced public information resources are now available on a [section of its public website devoted to maps and data](#). Some are new, and others have been available for a while. Eight maps are interactive, which means that either clicking on the map or using the search function will bring up information on the map topic. The map on [Community Water Systems \(CWS\)](#) identifies the water provider for a map location or address, shows the boundaries of its service area, and lists other data about the provider. It also shows the location of the providers' wells, both active and inactive. Another map gives access to information about the [Assured Water Supply](#) status of a development or municipal water provider in the same way.



[Read More](#)

WATER JOBS

UArizona Director, Cooperative Extension [Job Listing](#)

The University of Arizona seeks a strategic and innovative leader to be the next Director of the [UArizona Cooperative Extension System \(CES\)](#).

- Babbitt Center for Land and Water Policy [Associate Director for Practice and Partnerships](#)
- Sonoran Institute [Program Manager, Growing Water Smart](#)
- Sonoran Institute [Program Associate, Growing Water Smart](#)
- Sonoran Institute [Program Manager, Ecologist, Santa Cruz River Program](#)
- National Weather Service [Hydrologist](#) (multiple positions)
- National Weather Service [Junior Hydrologist](#) (multiple positions)

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

ANNOUNCEMENTS

- **Sep 2:** [SustainValencia2022; Achieving Sustainable Groundwater Management: Promising Directions and Unresolved Challenges – Early Bird Deadline](#)
- **Sep 2:** [AWRA 2022 Annual Water Resources Conference – Student Poster Abstract Deadline](#)
- **Sep 7:** [AWRA 2022 Annual Water Resources Conference – Super Saver Rate Deadline](#)

- **Sep 8:** [UArizona Campus Sustainability Fund Mini and Annual Grants Fall 2023 Info Session](#)
- **Sep 9:** [US Global Change Research Program Call for Input to a Five-Year Plan for Research on Climate Intervention – Input Deadline](#)
- **Sep 11-14:** [AWWA 2022 Water Infrastructure Conference & Exposition](#)
- **Sep 11-15:** [IWA World Water Congress & Exhibition – Water for Smart Liveable Cities](#)
- **Sep 12:** [WRRC Brown Bag Webinar: Water Reuse Action Plan and REUSExplorer Demo](#)
- **Sep 13:** [Nationwide USACE Regulatory Recruitment Event – Registration Deadline](#)
- **Sep 14:** [ADEQ Water Quality Program Fees Stakeholder Meeting](#)
- **Sep 14-15:** [Nationwide USACE Regulatory Recruitment Event](#)
- **Sep 14-16:** [2022 AHS Annual Symposium](#)
- **Sep 16:** [ABWC 2022 Annual Meeting and Water Conference: Got Water? Food, Water & Economic Security](#)
- **Sep 19-20:** [CLE 10th Annual Tribal Water Law Conference: Water Security on the Path to Resiliency](#)
- **Sep 19-21:** [Western Groundwater Congress 2022: Built For Change](#)
- **Sep 20:** [WRRC Brown Bag Webinar: Arizona Project WET's Groundwater Videos in the Making](#)
- **Sep 23:** [Thank a Water Hero Day: #ThankAWaterHero](#)
- **Sep 23:** [Tucson AMA Groundwater Users Advisory Council Meeting](#)
- **Sep 23:** [ADWR Public Hearing: Tucson AMA Modifications to the Fifth Management Plan Hearing](#)
- **Sep 26-27:** [OU International WaTER Conference](#)
- **Sep 26-29:** [2022 State of the Verde Watershed Conference – The Future of the Verde River System: Solutions for the Next Ten Years](#)
- **Sep 27:** [ADWR Public Hearing: Proposed Management Plan for the Santa Cruz Active Management Area for the Fifth Management Period, 2020 to 2025](#)
- **Sep 28:** [Native Voices in STEM Fall 2022 Seminar Series: Featuring Dr. Lani Tsinnajinnie \(Diné\) – Save the Date](#)
- **Sep 30:** [2023 Water for Food Global Conference: Cultivating Innovation: Solutions for a Changing World – Proposal Deadline](#)
- **Oct 2:** [Campus Sustainability Fund Mini Grants – Preliminary Application Deadline](#)
- **Oct 6-8:** [SustainValencia2022: Achieving Sustainable Groundwater Management: Promising Directions and Unresolved Challenges](#)
- **Oct 7:** [UCOWR/NIWR 2023 Annual Conference – Special sessions Proposal Deadline](#)
- **Oct 10-12:** [Southwest Adaptation Forum 2022](#)
- **Oct 13:** [WRRC Brown Bag Webinar: The Water Recycling Revolution: History and Lessons from Four Western States – Save the Date](#)
- **Oct 20:** [Imagine a Day Without Water](#)
- **Oct 20:** [WRRC Special Event: Thirst for Justice – Save the Date](#)
- **Oct 26:** [Native Voices in STEM Fall 2022 Seminar Series: Groundwater to Snow Science: My Research and Teaching Path to Becoming a "Jack\(lyn\)- Of-All-Trades](#)
- **Nov 7-9:** [AWRA 2022 Annual Water Resources Conference](#)
- **Nov 10:** [WRRC Brown Bag Webinar: 104\(b\) Grant Program: Student Research Presentations – Save the Date](#)
- **Nov 18:** [WRRC Brown Bag Webinar: Watershed Collaboration in the Tucson Basin: Santa Cruz Watershed Collaborative Adopts a Watershed Restoration Plan to Promote Flowing Rivers – Save the Date](#)
- **Nov 27-Dec 1:** [The 8th International Conference on Drylands, Deserts & Desertification: Learning from Drylands: A Global Effort Towards Ecosystem Restoration](#)
- **Nov 30:** [Native Voices in STEM Fall 2022 Seminar Series: Featuring Dr. Raymond Torres – Save the Date](#)
- **Jan 15, 2023:** [Campus Sustainability Fund Annual Grants – Preliminary Application Deadline](#)

- **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](#)

OTHER NOTICES

- US Global Change Research Program call for input on 5-year plan for research on climate intervention: Submit by September 9. [More Info](#)
- Tucson Water One Water 2100 Community Town Hall was held August 16. [Video Recording Available](#)
- Water Infrastructure Finance Authority Board applications open. [More Info](#)

Do you have a story idea, water job announcement, or event to share?
[Contact us here](#)