

# WEEKLY WAVE



THE UNIVERSITY OF ARIZONA  
COOPERATIVE EXTENSION

## WATER RESOURCES RESEARCH CENTER



March 15, 2024 / Volume 12, Issue 11

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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IN THIS ISSUE: Factsheet Release, Conference Recap

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The image shows the cover of the 'Arizona Water Factsheet Coconino County' factsheet. The cover features a map of Arizona with Coconino County highlighted, a title 'ARIZONA WATER FACTSHEET Coconino County', and the WRRC logo. Below the title, it says 'Get to know water in your county March 2024'. The main content area is titled 'Water in Arizona' and includes a paragraph about sustainable water supplies. It also features a 'Statewide Context' map and an 'Arizona Water Supply and Demand' pie chart. The pie chart shows supplies: Surface Water (3,220 MG/Day, 52%), Reclaimed Water (74 MG/Day, 3%), Municipal (1,340 MG/Day, 20%), and Agricultural (4,216 MG/Day, 65%). Demands are shown as Industrial (24 MG/Day, 1%) and Agriculture (4,216 MG/Day, 99%).

## ARIZONA WATER FACTSHEETS

# COCONINO COUNTY

### WRRC Releases Coconino County Factsheet

The [Coconino County Water Factsheet](#) is now available! As the 12<sup>th</sup> addition to the WRRC's Arizona Water Factsheet series, this resource showcases the county's diverse natural and cultural landscapes and the impact of varied land ownership on the management of groundwater, surface water, and reclaimed water supplies. Highlighting the region's significant contribution to the state's economy through recreation and tourism, the factsheet emphasizes local initiatives and collaborative efforts to manage water supply amid population growth, increased urbanization, and climate change. It also underscores

the importance of tailored groundwater management, resolving Tribal water rights, and fostering partnerships to address growing water demands.

Engagement with local stakeholders is essential to the development of the Arizona Water Factsheets, ensuring the content reflects the specific water resources management challenges and strategies of each county. For the Coconino County Water Factsheet, significant input was received from the City of Flagstaff, the Coconino Plateau Water Advisory Council & Watershed Partnership, Northern Arizona University, and the United States Geological Society (USGS). Additional stakeholders provided feedback reflective of their deep local knowledge about the county's water resources and management.

## [Coconino County Water Factsheet](#) [Arizona Water Factsheets](#)

# EVENTS

## WRRC Water Webinar: World Water Day Reflections

**Date:** Friday, March 22, 2024  
**Time:** 12:00 pm – 1:15 pm Arizona Time  
**Location:** [Webinar Only](#)

**Speaker:** Sharon B. Megdal, *Director, Water Resources Research Center, University of Arizona*

**Moderator:** Jamie McEvoy, *Incoming Associate Director, Water Resources Research Center, University of Arizona*



March 22, 2024, is [World Water Day](#). This year, UN-Water has designated “Leveraging Water for Peace” as World Water Day’s theme. In recognition of the potential for water to bring us together rather than divide us, WRRC Director Sharon B. Megdal will offer some reflections. She will draw from her February 29, 2024, “Salty Reflections” keynote address to the Multi-state Salinity Coalition, her soon-to-be-published case study, “Factors that Contribute to Successful Diplomatic Outcomes: Case Study of the Colorado River Basin Cross-boundary Institution,” the WRRC’s 2024 Annual Conference, *Implementing Water Solutions Through Partnerships*, and other activities, including the Women in Water Diplomacy Network and the global “Football for Peace” initiative’s connection to water. After about 30 minutes of prepared remarks, Megdal would like to engage in interactive discussion (rather than formal Q&A) and will be joined by incoming WRRC Associate Director Dr. Jamie McEvoy and other special guests.

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

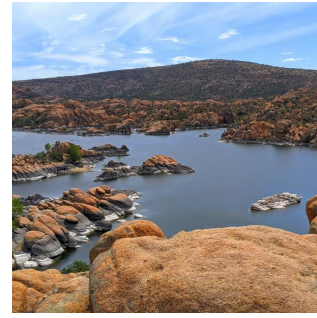
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## WRRC Special Event: Water Resources Planning for the Future: Local Strategies for Sustainable Management in the Prescott AMA

**Date:** Tuesday, March 26, 2024  
**Time:** 4:00 pm – 6:30 pm Arizona Time

**Location:** Adult Center of Prescott (Front Ballroom)  
11280 E. Rosser Street, Prescott, AZ

The University of Arizona Water Resources Research Center (WRRC), in partnership with Yavapai County Cooperative Extension, The Nature Conservancy, and APS, is pleased to host an in-person event in Prescott, titled *Water Resources Planning for the Future: Local Strategies for Sustainable Management in the Prescott AMA*. This free event will feature speakers from the Prescott AMA, with presentations from the City of Prescott, Town of Prescott Valley, Town of Chino Valley, and Yavapai County, highlighting innovative management approaches to stormwater, wastewater, effluent reuse, and recharge, focusing on collaboration for regional water solutions. Come discover how local governments are working towards a sustainable water future through diverse supply management, water augmentation projects, and watershed protection. We warmly invite the public to engage in this conversation and learn more about collective efforts to address water challenges in the Prescott AMA.



*Image: Sargun Bhatia – WRRC 2023 Photo Contest*

- [Register Here](#)
- [More Info](#)
- [Event Flyer](#)

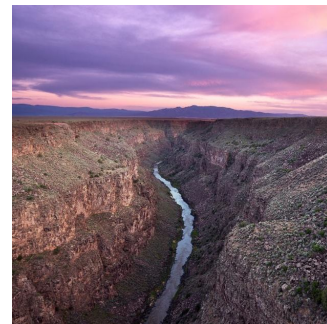
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## Law of the Rio Grande Annual Conference: Water Management Perspectives from the Basin States

**Dates:** Apr 11–12, 2024

**Location:** La Fonda on the Plaza, Santa Fe, NM

Join over 100 of your colleagues in Santa Fe!  
Hear all points of view from New Mexico, Texas, and Colorado on managing and conserving the Rio Grande, with a featured presentation discussing issues from the Mexico border by United States Commissioner Maria-Elena Giner. **Participants can earn up to 12 Hours of MCLE credit, including one hour of Ethics, or up to 12 Hours of Engineering credit.**



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

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### Upcoming WRRC Co-sponsored Events

- **Apr 2:** [NVIS Spring 2024 Seminar: Unraveling Ecosystem Challenges: Investigating Pinyon Decline and Big Sagebrush Resiliency; 12–1 pm MST](#)
- **May 7:** [NVIS Spring 2024 Seminar: ?Eiletek Waali? \(I'm Reading Country\); 12–1 pm MST](#)

### External Events

- **May 6–7:** [Law of the Colorado River Annual Conference](#)



## Dialogue, Collaboration Matter Most to Arizona's Water Future

The [WRRC's 2024 Annual Conference](#) was a success! We will soon be posting presentation recordings and slides on our conference webpage. Thank you to everyone who attended in person or on Zoom. Please don't forget to fill out our [participant survey](#) to provide feedback, including topic suggestions for next year's conference!



The following story was written by guest author Brad Poole, from UArizona Cooperative Extension, and was published on UA News.

Representatives from virtually every area of water research and management gathered this week at the University of Arizona [Water Resources Research Center](#)'s annual conference to explore how collaboration can help solve water problems on many levels. The [conference](#), which featured more than 50 panelists and speakers, brought together people from academia, government, environment groups and business to discuss and seek partnerships in water research and management. More than 700 people registered, attending either in person or via Zoom.

These gatherings and associated partnerships are vital to solving water problems, which transcend disciplines, sectors of society and even generations, said **Sharon Megdal**, director of the WRRC and a professor in the UArizona Department of Environmental Science. "Dialogue is really important, and developing a common understanding of the problems and solutions is important, and networking is important," Megdal said. "These are things that take continuing efforts of broadly diverse groups over time." The WRRC, which is part of the university's Cooperative Extension System, serves an important role in connecting the academic world to the non-academic, and the annual conference is a part of that, she said.

*Image: Gov. Katie Hobbs speaks with WRRC Director Sharon B. Megdal. Photo by Brad Poole.*

[Read More](#)

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**NATIONAL GROUNDWATER  
AWARENESS WEEK**

March 10-16, 2024

**WATER JOBS/OPPORTUNITIES**



### WRRC Invites Research Proposals for 104(b) & 104(g) Programs

Faculty and research personnel at any of Arizona's three public universities are invited to submit research proposals to the WRRC for federal 104(b) grants of up to \$10,000 or competitive 104(g) grants of up to \$310,000. Grant funds are provided by the Water



Resources Research Act through the US Geological Survey (USGS). For more information, visit the web pages below or email Jessie Hampton ([jessiehampton@arizona.edu](mailto:jessiehampton@arizona.edu)).

**[104\(b\) Grant Info](#) Proposal EXTENDED Deadline: March 27, 2024**

**[104\(g\) Grant Info](#) Proposal Deadline: March 27, 2024**



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

## NOTICES, PUBLICATIONS & MEDIA

### From the WRRC

#### **Q&A: Water Resources Research Center Collaborates Globally**

From Arizona to the Middle East, WRRC partnerships help farmers, ranchers, government agencies and many others manage a vital natural resource in the face of changing climate. UArizona Cooperative Extension's Brad Poole interviewed WRRC Director Sharon B. Megdal about collaborations. [Read Here](#)

### Other Sources

#### **Water Conservation Field Services Program Funding Opportunity**

The US Bureau of Reclamation's Water Conservation Field Services Program funding opportunity for the Lower Colorado Basin Region for fiscal year 2024 is posted on the [grants.gov](#) website ([Funding Opportunity R24AS00252](#)). Through this opportunity, entities may be awarded up to \$100,000 in federal funding. A minimum of 50% non-federal cost share is required. Applications are accepted through June 3, 2024, at 4:00 PM (PDT).

#### **Report: Groundwater Protection in the Valley of the Sun**

A new report from ASU's Kyl Center for Water Policy discusses the future of groundwater in the Phoenix Area. A webinar about the report will be held on Wednesday, March 27, 2024. [Register for the Webinar](#) or [Read the Report](#).

## CALENDAR ANNOUNCEMENTS

- **Mar 18:** [ENVS Colloquium — SEES Earthweek Keynote Speaker](#)
- **Mar 20:** [AWRA 2024 Webinar: What You Need to Know About Microplastics in Our Waters](#)
- **Mar 21:** [ENViSion Research Symposium](#)
- **Mar 22:** [WRRC Water Webinar: World Water Day Reflections](#)
- **Mar 25:** [ENVS Colloquium — Dr. Katerina Dontsova \(UArizona\)](#)
- **Mar 25–27:** [AWRA 2024 Geospatial Water Technology Conference: Data to Decisions: Managing & Modeling Water Challenges](#)
- **Mar 26:** [WRRC Special Event: Water Resources Planning for the Future: Local Strategies for Sustainable Management in the Prescott AMA](#)

- **Mar 27:** [Kyl Center - Groundwater Protection in the Valley of the Sun Report Webinar](#)
- **Mar 27:** [USGS 104\(g\) National Competitive Grant – Proposal Deadline](#)
- **Mar 27:** [Water Resources Research Institute Program 104\(b\) Student Grant – Proposal Deadline](#) **Extended!**
- **Mar 31:** [AHS 2024 Halpenny Intern Scholarship](#) – Application Deadline
- **Mar 31:** [AHS 2024 Avery Intern Scholarship](#) – Application Deadline
- **Mar 31:** [AHS 2024 Bouwer Intern Scholarship](#) – Application Deadline  
Extended!
- **Apr 1:** [ENVS Colloquium](#) — TBD
- **Apr 2:** [NVIS Spring 2024 Seminar: Unraveling Ecosystem Challenges: Investigating Pinyon Decline and Big Sagebrush Resiliency; 12–1 pm MST](#) –  
*Co-sponsored by the WRRRC*
- **Apr 3–6:** [BSMAR18](#)
- **Apr 6:** [2024 Water Awareness Month Festival](#)
- **Apr 8:** [ENVS Colloquium](#) — Dr. Luisa Ikner (UArizona)
- **Apr 8–10:** [AWRA 2024 Spring Conference: Water Risk & Resilience: Research and Sustainable Solutions](#)
- **Apr 11–12:** [Law of the Rio Grande Annual Conference](#)
- **Apr 15:** [AHS Annual Academic Scholarships](#) – Application Deadline
- **Apr 15:** [ENVS Colloquium](#) — ENVS Undergraduate Presentations
- **Apr 16–17:** [NGWA Conference: Groundwater in the PFAS Era: Stressors, Protection, & Compliance](#)
- **Apr 18:** [Kasser Joint Institute Call for Preproposal for Ideas and Solutions Targeting Food, Water, and Energy Security Challenges](#) – Submission  
Deadline
- **Apr 18:** [Spring 2024 Tumamoc Talk: The Science and Wonder of Arizona Lighting](#) – Ron Holle
- **Apr 22:** [ENVS Colloquium](#) — Dr. Beth Marlowe (Quest Diagnostic Labs)
- **Apr 23–25:** [97<sup>th</sup> Annual AZ Water Conference & Exhibition Annual AZ Water Conference & Exhibition](#)
- **Apr 24–26:** [Santa Cruz River Research Days](#)
- **Apr 29:** [ENVS Colloquium](#) — Dr. Jen McIntosh (UArizona)
- **May 6–7:** [Law of the Colorado River Annual Conference](#)
- **May 7:** [NVIS Spring 2024 Seminar: ?Elettek Waali? \(I'm Reading Country\); 12–1 pm MST](#) – *Co-sponsored by the WRRRC*
- **Jun 1:** [2024 Central Arizona Project Award for Water Research](#) — Abstract  
Deadline
- **Jun 3:** [US Bureau of Reclamation Water Conservation Field Services Program Funding Opportunity](#) – Application Deadline
- **Jun 10–13:** [AWWA 2024 Annual Conference & Expo \(ACE24\): Transforming Our Water Future](#)
- **Jun 17–20:** [3<sup>rd</sup> International Groundwater-Agriculture Conference: Toward Sustainable Groundwater in Agriculture - Linking Science and Policy](#)
- **Jul 28–30:** [2024 Arizona Water Reuse Symposium](#)
- **Sep 30–Oct 2:** [AWRA/UCOWR/NIWR 60<sup>th</sup> Anniversary Joint Water Resources Conference](#)

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

[Contact us here](#)