

WEEKLY WAVE



THE UNIVERSITY OF ARIZONA
COOPERATIVE EXTENSION

WATER RESOURCES RESEARCH CENTER



March 8, 2024 / Volume 12, Issue 10

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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IMPLEMENTING WATER SOLUTIONS THROUGH PARTNERSHIPS

MARCH 12-13

University of Arizona
Student Union Grand Ballroom



Governor Hobbs to Give Keynote at WRRC Annual Conference

The Water Resources Research Center (WRRC) is pleased to announce that **Arizona Governor Katie Hobbs** will be speaking at our upcoming annual conference, *Implementing Water Solutions Through Partnerships*, which will be held March 12-13 at the University of Arizona Student Union Memorial Center in Tucson, AZ. Governor Hobbs will deliver the keynote address at 10:00 am MST on March 13. She will share insights on water issues and discuss water policy initiatives critical to Arizona's future, and then engage in a brief Q&A session with WRRC Director Sharon B. Megdal. Late registration is still open for those who wish to attend the event in person, with a free Zoom livestream

option for those who prefer to join virtually. Don't miss this opportunity to hear from Governor Hobbs and the many other distinguished conference speakers! Register today to secure your spot.

- [In-Person Registration](#)
- [Free Zoom Registration](#)
- [Conference Agenda](#) **Final Draft**
- [More Info](#)

EVENTS

WRRC 2024 Annual Conference

Dates: March 12–13, 2024

Times: March 12: 1:00 pm – 6:30 pm MST; March 13: 8:30 am–4:00 pm

Location: [1303 E University Blvd, Tucson, AZ 85719](#) and via [Zoom](#)



The WRRC 2024 Annual Conference, *Implementing Water Solutions Through Partnerships*, will be held on March 12–13 at the UArizona Student Union in Tucson, AZ. Our two-day program features over 40 speakers and poster presenters. Day 1 will begin with the remembrance and recognition of the legacy of Professor Thomas Meixner, followed by talks on a groundbreaking research program that he initiated. The day will conclude with an evening reception and poster session, where attendees can network and check out the poster presentations while enjoying hors d'oeuvres and a cash bar. The program on Day 2 is packed with speakers and panels covering a range of proposed and developing water solutions. We invite you to join us to engage in robust discussions focused on the partnerships and collaborations that help us achieve solutions to complex water challenges. We are offering a free, noninteractive Zoom livestream for those unable to make it in person, but we hope many of you will join us in person to actively participate in this important discussion and network with colleagues and friends, both old and new.

- [More Info](#)
- [In-Person Registration](#)
- [Free Zoom Registration](#)

Can't attend in person?



**IMPLEMENTING
WATER
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University of Arizona
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**WRRC 2024 Conference
Free Livestream
Registration Available**

[Register ▶](#)

NVIS Spring 2024 Seminar: Place Based Learning and Cultural Fire Practice in California – Co-sponsored by the WRRC

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



Speaker: Deniss Martinez, *Research Affiliate, Native American Studies, University of California, Davis*

Deniss is a community-engaged environmental justice scholar. Her research focuses on finding natural resource management strategies that support Tribal self-determination and governance. Using qualitative methods and community-based research Deniss' current work centers on the stories and narratives of cultural fire practitioners in California. Her vision is to work on creating a future that centers the wisdom of Indigenous people, not just as marginally relevant but as central to environmental decision-making. She believes that just as people are an essential part of the environment; decolonization, reparations, and justice are essential to a just climate future. She aims to continue work that informs both settler governments and Tribal governments on the best strategies for solving the climate crisis in a way that uplifts Tribal sovereignty, ensures justice for communities of color, and builds governance, culture, and decision-making based on values of reciprocity, responsibility, and seven generation thinking.

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

WRRRC 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 (WRRRC), 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 – WRRRC 2023 Photo Contest

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

WRRC Water Webinar: World Water Day Reflections – Save the Date!

Date: Friday, March 22, 2024
Time: 12:00 pm – 1:15 pm Arizona Time
Location: TBD

Speaker: Sharon B. Megdal, *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 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).

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

- **Apr 11–12:** [Law of the Rio Grande Annual Conference](#)
- **May 6–7:** [Law of the Colorado River Annual Conference](#)

NEWS

WRRC Director Speaks at Multiple Conferences and Remembers Pat O’Toole

During the second half of February, WRRC Director Sharon B. Megdal participated in multiple meetings and conferences. On February 20, she had the pleasure of speaking about the WRRC with Australian visitors sponsored by the Aurora Education Foundation and hosted by the Native Nations Institute of the Udall Center for Studies in Public Policy. Later that week she attended the Family Farm Alliance Annual Conference, *Resilience in Every Drop: Safeguarding America's Food Security*, in Reno, Nevada. At that conference on February 22, representatives from the University of Arizona, California State University, and Colorado State University focused on how university faculty and staff partner with farmers and ranchers. Conference attendees sorely missed the presence of long-time Family Farm Alliance President Pat O’Toole, who suffered a stroke on February 13 and passed away shortly after the conference. A great family man, rancher, and contributor to efforts to understand and advance family farming, O’Toole guest lectured for Megdal’s graduate water policy course and delivered a campus-wide [distinguished lecture](#) in January 2016. Megdal notes, “Pat was a giant — a gentle



giant. His kindness and commitment were evident in every conversation I had with him.” The O’Toole family asks that donations in Pat’s memory be made to [The Patrick O’Toole Young Conservationist Scholarship](#), which will provide funding for young farmers and ranchers to attend future Family Farm Alliance annual conferences. [Obituary](#)

[Read More](#)

Arizona Envirothon Seeking Judges for April 6 Event

Arizona Envirothon is a natural resources education competition for high school students. All high school students from across the state are eligible to compete to be one of the selected members of a five-person team. The coordinators are seeking natural resources professionals to be volunteer judges at the event. Student competitors will demonstrate their understanding and knowledge of a specific natural resource area, including agriculture, aquatic forestry, soils and land use, wildlife, and the issue topic of the year. The topic for 2024 is “Renewable Energy for a Sustainable Future.” Envirothon provides an opportunity for students to receive hands-on experience within natural resource-oriented activities, promoting environmental awareness in youth. This year’s event will take place on April 5–6 and will be held at the R-C Scout Ranch in Payson. Twelve judges are needed on April 6 from 8:45 am to 11:30 am and five final-round judges are needed from 11:00 am to 2:00 pm. Refreshments, lunch, and an Envirothon t-shirt will be provided. If interested, please contact AZ Envirothon Chair Rodney Held at 480-250-8786 or via e-mail at azenvirothon@gmail.com.



[More Info](#)

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).



[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

WRRC Releases Santa Cruz County Factsheet

The Santa Cruz County Water Factsheet is now available! As the 11th addition to the WRRC's Arizona Water Factsheet series, this resource highlights Santa Cruz County's geographical position along the Mexico border and binational efforts guiding water resources management within the Upper Santa Cruz River Basin. [More Info](#)

New Article Takes One Health Approach to PFAS

The WRRC recently published an article in *The Water Report*, titled "Understanding the Impact of PFAS in Arizona Using the One Health Approach." This article was co-written by WRRC Graduate Outreach Assistant Taylor Simmons, WRRC Statewide Water Information Manager Amanda Trakas, and WRRC Research and Outreach Program Officer Susanna Eden. [Read the Article](#)

From Other Sources

USGS Provides Easy Access to Colorado River Science with New Online Portal

The [Colorado River Basin Science Collaboration Portal](#) evolved from the need by partners for better access to the wide range of USGS science produced across the basin. "The new USGS Colorado River Basin Science Portal provides a forum for presenting, discussing, integrating, and disseminating science with users of USGS and partner data," said Katharine Dahm, Deputy Regional Director, USGS Rocky Mountain Region. "Through improved access to integrated data, we can deepen understanding and continue collaborative stewardship of the Colorado River system amid mounting water challenges." [More Info](#)

New Western Water Article Published

"How Volunteer 'Streamkeepers' Influence Water Policy Across the West"

[Read the Article](#)

CALENDAR ANNOUNCEMENTS

- **Mar 10–16:** [National Groundwater Awareness Week](#)
- **Mar 11:** [ENVS Colloquium — Dr. Thomas Lavanchy \(Oklahoma State University\)](#)
- **Mar 11–14:** [AWWA WaterReuse 2024 Symposium](#)
- **Mar 12:** [NVIS Spring 2024 Seminar: Place Based Learning and Cultural Fire Practice in California; 12–1 pm MST – Co-sponsored by the WRRC](#)
- **March 12–13:** [WRRC 2024 Annual Conference: Implementing Water Solutions Through Partnerships](#)
- **March 12–13:** [A Meeting of Sacred Waters: A Global Gathering of Indigenous Voices](#)
- **Mar 14:** [Spring 2024 Tumamoc Talk: The Influence of a Variable and Changing Climate on Upper Gila River Streamflow – Dr. Connie Woodhouse](#)
- **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 – **Save the Date!**
- **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:** [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 WRRC](#)
- **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:** [97th 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: ?Eeltek Waali? \(I'm Reading Country\); 12–1 pm MST – Co-sponsored by the WRRC](#)
- **Jun 1:** [2024 Central Arizona Project Award for Water Research — Abstract Deadline](#)
- **Jun 10–13:** [AWWA 2024 Annual Conference & Expo \(ACE24\): Transforming Our Water Future](#)
- **Jun 17–20:** [3rd 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 60th Anniversary Joint Water Resources Conference](#)

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

[Contact us here](#)

