

SUMMER WAVE



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**



July 21, 2023 / Volume 11, Issue 6

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: Conference Recap, Associate Director, AmeriCorps, APW, Assured Water Supply, Conference Photo Gallery



WRRC Holds 2023 Annual Conference

Another successful WRRC conference is in the books! Last week we held our 21st annual conference, *What Can We Do? Solutions to Arizona's Water Challenges*, at the University of Arizona Student Union. With over 300 registered in-person and more than 600 for the Zoom livestream, we had one of our largest audiences to date. The number of engaged attendees in person and on Zoom speaks volumes to the relevance of this year's solutions-focused agenda. Attendees heard from more than 50 speakers from a wide range of different industries and backgrounds, who shared their perspectives, knowledge,

and ideas for solutions to the pressing water resource challenges currently facing Arizona and the region. It was an opportunity to listen, learn, and form new connections across sectors as we work toward the common goal of securing Arizona's water future. For those who were unable to attend or would like to re-watch portions of the program, recordings of the proceedings are now available on our conference website. Links to individual presentations are listed by speaker name on the agenda. Each video link will take you to the beginning of the corresponding segment in the recording. Speakers' presentation slides are also linked where permission was given. Thank you to our speakers, attendees, and sponsors for another great conference!

Image: Clayton B. Lyon

[Recordings & Presentations](#)
[Conference Evaluation Survey](#)
[More Info](#)

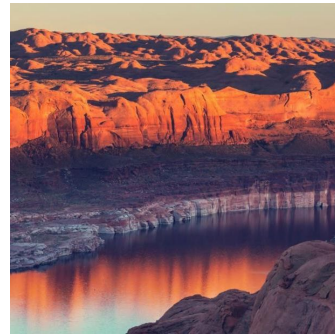
EVENTS

31st Annual Arizona Water Law Conference

Dates: Aug 3–4, 2023

Location: Hilton Scottsdale Resort & Villas
6333 North Scottsdale Road, Scottsdale, AZ 85250

Join over 100 of your colleagues to hear all perspectives on issues surrounding the Colorado River, Financing Water Solutions, Adjudications, Water Quality, Arizona vs. Navajo Nation, and more! Featuring speakers from Prescott Valley, City of Phoenix, WIFA, US Department of the Interior, Central Arizona Project, ADWR, University of Arizona, Arizona State University, The Nature Conservancy, Upper Colorado River Commission, Navajo Nation Department of Justice, Las Vegas Valley Water District, and top law firms!



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

Upcoming Events

Nov 6–7: [Tribal Water Law Conference](#)

NEWS

WRRC Seeks Associate Director/Specialist

The University of Arizona Water Resources Research Center (WRRC) is actively seeking candidates for its Associate Director / Extension Specialist position to work closely with the Director, providing center administration, program direction, and leadership for the WRRC.

[More Info](#)



WRRC Seeks AmeriCorps Members for Outreach Communication

The WRRC is seeking AmeriCorps service members with interest and experience in writing about water and/or environmental topics to assist with our varying outreach programs. Through our outreach and other programs, the WRRC tackles key water policy and management issues, empowers informed decision-making, and works to enrich the public's understanding of water through engagement, education, and applied research. Engaging with the public through our outreach and communications activities is a central part of our programs. We are seeking motivated service members who wish to contribute to sharing information about water management, policy, use, and research with a wide range of audiences. Outreach strategies include the *Weekly Wave* newsletter, webinars, special events, our annual conference, and invited presentations. Eligible candidates should have experience with communications, writing and editing, working as part of a team, technology, and a genuine interest in water and the environment. Members will receive a stipend, ongoing training, and an education award upon completion of service. To learn more about WRRC programs and outreach, please visit our [website](#).



[Apply Here](#)
[WRRC Website](#)



Translating Climate Research to K-12 Curriculum – APW Teacher Workshop

On June 29 and 30, Arizona Project WET (APW) held a Teacher Workshop in collaboration with the Southwest Urban Corridor Integrated Field Laboratory (SW-IFL). The SW-IFL is a partnership funded by the US Department of Energy that involves three public universities in Arizona, two national laboratories, and industry. The SW-IFL is using climate modeling, observations, and resilience research to empower communities to respond to climate challenges and inform equitable policies and solutions along Arizona's urban corridor spanning Flagstaff, Phoenix, and Tucson. During the workshop, teachers learned directly from SW-IFL climate researchers about the issues they are taking on and the methods they use. They took what they learned and developed curriculum units to use with their students, who will get to participate in SW-IFL data collection. APW would like to give a huge thanks to the researchers for taking time away



from their work to present, to the teachers for working hard to translate professional research into the K-12 curriculum, and to everyone at the College of Architecture, Planning, and Landscape Architecture (CAPLA) that helped to facilitate this workshop. The APW team looks forward to seeing these newly developed lessons implemented in the classroom!

Image: Clayton B. Lyon

Assured Water Supply Rules Scrutinized

On June 27, the Assured Water Supply Committee of the Governor's Water Policy Council held a public meeting to present and discuss initial concepts for changes to the Assured Water Supply (AWS) program. In the most populous parts of Arizona that are designated Active Management Areas (AMAs), residential developers must demonstrate that a proposed development has enough water for 100 years. Although basing development on mined groundwater is discouraged, a development's water supply can include mined groundwater when program criteria are met. Recent groundwater modeling reports by the Arizona Department of Water Resources motivated the agency's decision to stop issuing new AWS certificates in the Phoenix and Pinal AMAs where groundwater shortfalls are projected. This move, along with efforts in rural Arizona to address critical groundwater issues, focused attention on the AWS program and the need for change. Initial concepts under consideration varied in approach and effect, some tightening and/or introducing new regulations and others reducing regulation in favor of voluntary measures. A list of initial concepts is available on the committee's website, along with details on the committee's principles and objectives and the positions of individuals and entities commenting on the issues. The committee will meet regularly throughout the summer and fall in order to produce change recommendations by the end of the year; the meeting schedule is also available on the website.



[More Info](#)

Photos Posted from WRRC Conference

A gallery of photos from last week's conference has been posted to our website (with more to be added soon) and the WRRC would like to thank Clayton Lyon for his excellent photography of our event. Lyon is a photographer and conservation education professional and currently works at Arizona Project WET (APW), where he serves as photographer and video producer, communications and social media manager, tech support, and water educator supervisor. He is a certified water harvesting designer and leads APW's schoolyard rain garden program, which focuses on educating students about rainwater harvesting practices and taking them step-by-step through the process of installing a rain garden at their school. Lyon received a bachelor's degree in photography in 2016 and has since been applying his skills in the conservation field. As both a conservationist and an artist, he believes photography is an important tool in spreading awareness and telling stories about the issues that matter most to us. Check out the great photos!



Images: Clayton B. Lyon

WATER JOBS

WRRC Seeks Associate Director/Specialist

The University of Arizona Water Resources Research Center (WRRC) is actively seeking candidates for its Associate Director / Extension Specialist position to work closely with the Director, providing center administration, program direction, and leadership for WRRC. In this position, the successful candidate will also conduct applied research and engagement, pursue scholarly activities, and establish and maintain extramural funding. The minimum qualifications include a Doctorate or equivalent terminal degree, a minimum of five years of work experience related to Arizona's and regional water management, a strong record of scholarly accomplishments, and a record of collaborative projects and programs. The WRRC is administratively located within the University of Arizona's Division of Agriculture, Life and Veterinary Sciences, and Cooperative Extension and is also part of the National Institutes for Water Resources, a national network of federally authorized institutes/centers that address unique water-related concerns of the individual states and the nation. The academic home of the position will depend on the candidate's specialization and the rank will depend on the candidate's record and experience.

Please visit [UA Talent req14913](#) for additional information on the position and to apply.

WRRC Seeks AmeriCorps Members for Outreach Communication

The WRRC is seeking AmeriCorps service members with interest and experience in writing about water and/or environmental topics to assist with our varying outreach programs. [Apply Here](#)

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- AZGFD [Wildlife Specialist Senior \(Water Resources Manager\)](#)
 - Friends of the Verde River [Executive Director](#)
 - UArizona Indigenous Resilience Center [Senior Assistant to the Director](#)
 - UWM Center for Water Policy [Assistant Director](#)
 - UWM Center for Water Policy [Water Policy Specialist](#)

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

ANNOUNCEMENTS

- [Jul 23–25: Arizona Water Reuse 2023 Symposium](#)
- [Jul 27: Arizona Water Rights and Regulations Webinar](#)
- [Jul 30: Amsterdam International Water Week 2023 – Extended Deadline to Submit Abstracts](#)
- [Jul 31: Upper Gila Watershed Forum – Abstract Submission Deadline](#)
- [Aug 1: ADEQ Webinar: Financing for the Future of the Monitoring Assistance Program](#)
- [Aug 2: Call for Abstracts: AGU 2023 GC001: Adaptive Solutions to Water Scarcity](#)

- **Aug 3–4:** [31st Annual Arizona Water Law Conference](#)
- **Aug 4:** [AWRA 2024 Spring Conference – Topical Session Proposal Deadline](#)
- **Aug 8-9:** [Arizona's Conservation Districts' \(AACD\) 2023 Annual Conference](#)
- **Aug 21:** [SCN Climate & Resilience Workgroup Meeting](#)
- **Aug 23:** CAP Annual Water Users Briefing – Save the Date!
- **Aug 25:** [Arizona Water Protection Fund for Fiscal Year 2024 Grant Cycle – Application Deadline](#)
- **Sep 12:** [AWRA 2023 Annual Water Resources Conference – Student Poster Deadline](#)
- **Sep 13:** [AHS Symposium Fieldtrip: Oak Creek Watershed Restoration](#)
- **Sep 13–16:** [Arizona Hydrological Society 35th Annual Symposium](#)
- **Sep 16:** [AHS Symposium Fieldtrip: Hoxworth Springs, Lake Mary, and Montezuma Well](#)
- **Sep 28:** [CNRS International Emerging Actions – Proposal Submission Deadline](#)
- **Oct 7:** [Urban Wildlife Conservation Day: Rio Reimagined Salt River Clean-Up](#)
- **Oct 19-20:** [Upper Gila Watershed Forum](#)
- **Oct 21:** [19th Annual Research Insights in Semiarid Ecosystems \(RISE\) Symposium – Save the Date!](#)
- **Nov 6–7:** [Tribal Water Law Conference](#)
- **Nov 6–8:** [AWRA 2023 Annual Water Resources Conference](#)
- **Nov 6–9:** [Amsterdam International Water Week 2023](#)
- **Nov 14–16:** [US Water Alliance One Water Summit 2023](#)
- **Mar 25–27, 2024:** [AWRA 2024 Geospatial Water Technology Conference](#)
- **Apr 8–10, 2024:** [AWRA 2024 Spring Conference](#)

PUBLICATIONS & MEDIA

Opinion in Environmental Health News – Valerisa Gaddy

Water injustice on display in the Southwest US: A Supreme Court ruling against the Navajo Nation is the latest blow to the tribe in a long-standing fight for water.

[Read Article](#)

Santa Cruz River Research Days 2023 Recordings

[View Recordings](#)

OTHER NOTICES

ADEQ Invites Review of Advanced Water Purification Technical Advisory Group Recommendations

ADEQ is pleased to invite stakeholders and interested parties to review the Advanced Water Purification (AWP), formerly referred to as Direct Potable Reuse or DPR, Technical Advisory Group (TAG) Recommendations document. ADEQ proactively initiated the TAG during the informal phase of rulemaking as a way to seek input and insight into a series of technical questions related to the process and regulation of AWP. ADEQ is using the TAG recommendations in conjunction with other sources to develop the AWP program framework or “AWP Roadmap,” which will be available on the AWP Meetings and Materials webpage and announced in the near future. If you have comments, please email reuserulemaking@azdeq.gov.

[Review Document](#)

Call for Proposals: CNRS International Emerging Actions

International Emerging Actions are “PI-to-PI” projects whose aim is to explore new fields of research and new international partnerships through short-term missions, the organization of working meetings, and the initiation of new joint research work on a shared scientific project. These actions last for 2 years. International Emerging Actions are open to staff working in a CNRS research unit. The deadline to submit a proposal is September 28, 2023. [More Info](#)

The Urban Farm Water Harvesting Summit 2023 Speakers & Schedule

During the Water Harvesting Summit, you'll learn techniques from experts for harvesting your own water, from rainwater to greywater. You'll learn how to build healthier soil that can hold more water. And you'll learn some efficient and effective garden-watering techniques. [More Info](#)

Arizona Water Protection Fund Accepting Applications for Fiscal Year 2024 Grant Cycle [More Info](#)

Call for Abstracts: AGU 2023 GC001: Adaptive Solutions to Water Scarcity

If you are interested in Adaptive Solutions to Water Scarcity in water-limited regions please consider sharing your research, practice and/or outreach in this session at AGU 2023. This session invites presentations that focus on Earth's drier regions, and that explore adaptive solutions to water scarcity. These could include regional to transnational approaches down to the community- or individual scale; solutions may emerge from novel technologies, economic applications, social frameworks, creative management, and local to national policies, or a combination of these factors. Perspectives that recognize the significant social inequities associated with adapting to water insecurities are encouraged. The abstract submission deadline is **August 2, 3:59 p.m. ET**. [More Info](#)

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

[Contact us here](#)