

WEEKLY WAVE



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**



January 14, 2022 / Volume 10, Issue 2

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. [Subscribe to the Weekly Wave.](#)

[WRRRC Office Update](#)

[View as Webpage](#)

IN THIS ISSUE: Chocolate Fest, 104(b), NCA5, CE Director Search, ADWR

18th Annual WRRRC
Chocolate
Fest
A celebration of
photo contest winners
and Sharon Megdal's
20 years at the WRRRC!

WRRRC Chocolate Fest 2022

Please join us from 4:00 to 5:00 pm MST on Wednesday, February 16 for the WRRRC's Annual Chocolate Fest! This two-part virtual program of celebration will include announcement of our 2021 Annual Photo Contest winners! Following a slide show of the winning images, we will make a chocolaty toast to our Director, Sharon B. Megdal, who on Valentine's Day (Arizona Statehood Day!) will celebrate 20 years at the WRRRC. Raise high a divine chocolate delectation as we acknowledge her time at the Water Center and, of course, hear a few comments on chocolate (not water!). So, bake, concoct, purchase, or brew your favorite treat and spend an hour with new and old friends at this annual WRRRC event. We are looking forward to seeing you there!

[Register Here](#)

EVENTS

Native Voices in STEM Spring 2022 Seminar Series: Utilizing Diné Science and Innovation to Tackle Longstanding Water Challenges in Diné Communities

Date: January 24, 2022

Time: 3:00-4:00 pm Arizona Time

Location: [Webinar Only](#)



Speaker:

Ranalda L. Tsosie, *Post-Doctoral Fellow, University of Montana*

Dr. Tsosie is a post-doctoral scholar at Montana State University in Bozeman, MT. She is currently working on a point of use filter optimization project and continuing to work with Indigenous communities and water challenges. Dr. Tsosie completed Ph.D. in interdisciplinary Studies with a subject emphasis in the fields of Chemistry, Geosciences and Environmental Science/Studies from the University of Montana. In her free time, she enjoys beading, sewing, practicing traditional Diné arts.

[Zoom Link](#)

[More Info](#)

Upcoming Events

April 7: Brown Bag Webinar: Public Interest, Indigenous Rights, and the Los Angeles Aqueduct

Sophia Borgias, *Assistant Professor, Interdisciplinary Programs, Boise State University*

NEWS

WRRC Invites Research Proposals

Faculty and research personnel at any of Arizona's three public universities are invited to submit research proposals to the WRRC for grants of up to \$10,000. Proposals should feature student work and explore new ideas to address water problems in AZ and the Southwest and expand understanding of water and related phenomena. Proposals from a broad range of academic disciplines and professional programs will be considered. Additionally, proposals that increase diversity, equity, inclusion, and justice, and address issues in historically marginalized or underserved communities are highly encouraged. Last year, the WRRC funded two projects: one that investigated groundwater age distribution and another that looked at the diversity of voices in water resources. These research grants are funded through the



104(b) grants program of the U.S. Geological Survey under the federal Water Resources Research Act. This year's Request for Proposals includes a significant change from previous grant cycles: the cost-sharing requirement was decreased by half from 2:1 to 1:1 local-to-federal match! Proposals are due by 5:00 pm MST on Tuesday, March 1, 2022.

Image: [pexels.com](https://www.pexels.com)

[Proposal Instructions](#)

National Climate Assessment Seeks Your Input

Written with contributions from Kathy Jacobs, Director, Center for Climate Adaptation Science and Solutions



The Fifth National Climate Assessment (NCA5) is in development and starting this week, virtual workshops are being held to receive comments on the annotated outline for the report. On February 4, from 10:00 am to 2:30 pm PDT, a workshop with the authors of chapter on the Southwest will discuss climate change-related issues that are most important to the region. The NCA is produced by the [US Global Change Research Program](#), a consortium of 13 federal agencies. Every four years, the NCA synthesizes and updates climate knowledge and climate impacts throughout the US. UArizona has a long history of being involved in the NCA, being the home of many authors and lead authors since the beginning of the NCA process in the 1990s. Kathy Jacobs, director of the UArizona Center for Climate Adaptation Science and Solutions (CCASS), was the lead author of the water chapter in the first NCA and director of the third NCA. Gregg Garfin, director of the Arizona Institutes of Resilience (AIR) Southwest Climate Adaptation Science Center, was a convening lead author for the Southwest chapter in the third and fourth NCAs. The third NCA had more authors from UArizona than any other university. Arizona is also well represented in NCA5. Amanda Leinberger, adaptation program manager at CCASS, and Zack Guido, assistant research professor and director of AIR International Programs, are contributing authors for the Caribbean chapter. Additionally, David D. White, director of the Global Institute of Sustainability and Innovation at Arizona State University, is the Southwest Chapter Lead.

Image: *U.S. Global Change Research Program*

[Fifth National Climate Assessment Southwest Chapter Workshop](#)

Arizona Cooperative Extension System Seeks New Director

The University of Arizona, Arizona's flagship and land-grant university, seeks a strategic and innovative leader to be the next [Director of the University of Arizona Cooperative Extension System \(CES\)](#). The Arizona CES Director reports directly to the Vice President of the Division of Agriculture, Life and Veterinary Sciences, and Cooperative Extension (ALVSCE) and is responsible and accountable for managing and leading the CES including: responding to federal and state legislation relating to CES and addressing federal and state compliance requirements; developing a vision and implementing a plan for the CES to contribute to every aspect of Arizona's



economy, human wellness, and health equity that increases its economic and social impact; directly addressing Arizona's future demographics; identifying and delivering on key metrics and benchmarks to measure progress towards CES' strategic goals and its contribution to the goals of the division, university, and Arizona Board of Regents. The position is open until filled. WRRRC Director Sharon B. Megdal serves on the position's search committee, which is chaired by Professor George Frisvold. Questions may be directed to Professor Frisvold via email frisvold@ag.arizona.edu or phone 520-621-6269.

Image: UArizona Old Main, 1889

[Position Posting](#) [UArizona Cooperative Extension](#)

ADWR Releases 2021 Arizona Drought Preparedness Report

The Arizona Department of Water Resources (ADWR) has released its 2021 *Arizona Drought Preparedness* report. Since the adoption of the *Arizona Drought Preparedness Plan* in 2004, ADWR publishes this annual report on its implementation. The report summarizes the impact of drought in Arizona during the "water year," which starts October 1 and ends September 30. Despite the strong 2021 monsoon season, statewide precipitation was below average. The ADWR report summarizes winter and summer precipitation and provides a record of the state's water supplies. Additionally, the report is a record of landmark events like the Colorado River shortage declaration and the actions the state has taken to prepare for continuing drought.



Image: Arizona Department of Water Resources

[View the Report](#)

WATER JOBS

- UArizona [Director, Cooperative Extension](#)
- WRRRC [Communications Coordinator](#)
- WRRRC [Postdoctoral Research Associate \(RAPIDS\)](#)
- WRRRC [Postdoctoral Research Associate](#)
- UNESCO [Project Officer \(Groundwater Section\)](#)
- City of Peoria [Water Conservation Specialist](#)
- UArizona [Community Outreach Professional \(Sierra Vista, AZ\)](#)

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

ANNOUNCEMENTS

- **Jan 15:** [11th International Symposium on Managed Aquifer Recharge – Super Early Bird Registration Deadline](#)

- **Jan 18:** [SWN River Series: *The Salt River Pima-Maricopa Indian Community: Way of Life Protectors*](#)
- **Jan 19:** [Free AWRA Webinar: *Using A Temporal-based Approach to Quantify Streamflow Properties*](#)
- **Jan 25:** [Water Underground Talks Season 2 – Nomination Deadline](#)
- **Jan 25:** [PFBW Coffee Break: *Social and Environmental Justice: The Role of Native Nations in Transboundary Water Resources Conservation*](#)
- **Jan 26:** [Spring 2022 UCOWR Roundtable Series: *Forever Pollutants: Knowledge Gaps, Risks, and Solutions* – Save the Date](#)
- **Jan 26:** [CAP University: Deeper Dive on Finances](#)
- **Jan 28:** [Water Education Foundation 2022 Inaugural Colorado River Water Leaders Program – Application Deadline](#)
- **Jan 28:** [Santa Cruz River Research Days – Abstract Deadline](#)
- **Feb 4:** [Fifth National Climate Assessment: SW Chapter Public Engagement Workshop](#)
- **Feb 7:** [US Environmental Protection Agency and Army Corps of Engineers New Proposed Rule for Waters Protected Under CWA – Public Comments Deadline](#)
- **Feb 15:** [Spring 2022 UCOWR Roundtable Series: *Utilizing Drones in Research* – Save the Date](#)
- **Feb 16:** [WRRC Chocolate Fest](#)
- **Feb 20:** [Water Science Policy Groundwater Photostory Competition – Submission Deadline](#)
- **Feb 23-24:** [The Third International Congress on Desert Economy: *Energy Economics between Deserts and Oceans \(Dakhla, Morocco\)*](#)
- **Mar 1:** [Babbitt Center for Land and Water Policy 2022 Dissertation Fellowships – Application Deadline](#)
- **Mar 1-3:** [Arizona Growing Water Smart Workshop](#)
- **Mar 4:** [2022 AHS Annual Symposium – Abstract Deadline](#)
- **Mar 9:** [Spring 2022 UCOWR Roundtable Series: *Aquatic Invasive Species* – Save the Date](#)
- **Mar 21-23:** [AWRA 2022 Geospatial Water Technology Conference](#)
- **Mar 22:** [World Water Day 2022](#)
- **Mar 22-24:** [Expo 2020 Dubai, *Water Resources Management and Sustainability: Solutions for Arid Regions*](#)
- **Apr 11-15:** [11th International Symposium on Managed Aquifer Recharge](#)
- **Apr 12-14:** [AZ Water 95th Annual Conference & Exhibition](#)
- **Apr 20:** [Spring 2022 UCOWR Roundtable Series: *Coastal Water Issues II* – Save the Date](#)
- **Apr 25-27:** [AWRA 2022 Spring Conference: *Water Risk Under a Rapidly Changing World - Evaluation & Adaptation*](#)
- **Jun 14-16:** [UCOWR/NIWR 2022 Annual Water Resources Conference](#)
- **Jun 21-24:** [Global Council for Science and the Environment \(GCSE\) 2022 Virtual Conference: *Biodiversity, Conservation Science, and Climate Change*](#)
- **Sep 11-14:** [AWWA 2022 Water Infrastructure Conference & Exposition](#)
- **Sep 11-15:** [IWA World Water Congress & Exhibition - *Water for Smart Liveable Cities* \(Copenhagen\)](#)
- **Sep 14-16:** [2022 AHS Annual Symposium](#)

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

[Contact us here](#)