

SUMMER WAVE



COLLEGE OF AGRICULTURE & LIFE SCIENCES
COOPERATIVE EXTENSION

**WATER RESOURCES
RESEARCH CENTER**

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The [Water Resources Research Center](#) - a research and [Extension](#) unit of the [College of Agriculture and Life Sciences](#)



Beyond the Mirage to be Available to a Nationwide Audience

Beyond the Mirage to be Distributed Nationally through American Public Television

The documentary, "Beyond the Mirage: The Future of Water in the West", by Cody Sheehy, Video Coordinator in the College of Agriculture and Life Sciences (CALs), will be available through American Public Television (APT) to public television stations nationwide. APT is a leading syndicator of high-quality, top-rated programming to the nation's public television stations. Winner of the 2015 New Arizona Prize, Water Consciousness Challenge, "Beyond the Mirage" is more than a single documentary. It is a multi-faceted outreach program based on a smart website where users can

engage with hundreds of video clips to create and share their own documentaries. An educational component is bringing Beyond the Mirage into K-12 classrooms. "Beyond the Mirage" is a collaborative project of Arizona Public Media, CALS, and the WRRC.

Join the "Beyond the Mirage" movement [here](#), create your own documentary and share it with others.

Read the Arizona Public Media press release [here](#)



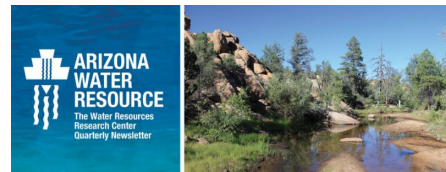
**NEXT WRRC SUMMER
WAVE E-NEWS DIGEST JULY 29**

We'll return to the Weekly Wave in the Fall

NEWS

Summer 2016 Arizona Water Resource is Now Available Online

The Summer Issue of the Water Resources Research Center's quarterly newsletter, Arizona Water Resource, is now available for download on the [WRRC website](#). The newsletter features guest articles from speakers at the WRRC 2016 Annual Conference, WRRC Director Sharon B. Megdal's Public Policy Column "A New Approach to Raising Water Awareness: Beyond the Mirage," and a 4-page insert highlighting WRRC activities and accomplishments during 2015.



You can download the Summer 2016 AWR [here](#)

Graduate Student Opportunity at the WRRC

The Water Resources Research Center will be hiring a graduate student with excellent writing and communication skills. This outreach position will be a member of the team producing newsletters and other outreach materials and events. This half-time (20 hours/week) position will be housed at the WRRC. The ideal candidate will have a strong interest in water resources and the environment and will have a suite of skills and experience relevant to outreach. Applicants are encouraged to visit the [WRRC website](#) to learn more about its outreach goals and activities. The application deadline is July 20, 2016



For more information about the position, click [here](#)

Kelly Mott Lacroix to Work for the U.S. Forest Service

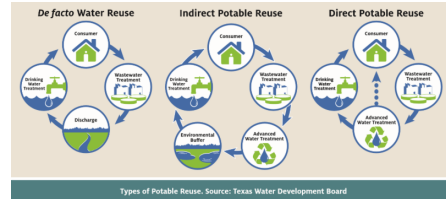
The WRRC is saying goodbye to Sr. Research Analyst



Kelly Mott Lacroix, who has accepted a position with U.S. Forest Service in Washington, D.C., starting August 8, 2016. Kelly will begin her position as a Hydrologist/Presidential Management Fellow working in the Watershed, Fish, Wildlife, Air, and Rare Plants division. She will be working on instream flow science and policy for Forest Service lands in the West. Kelly completed her Ph.D. in Arid Lands Resource Sciences in 2015, and following graduation, was appointed as a Senior Research Analyst, for the Water RAPIDS program at the WRRC.

IMPACT Magazine Features WRRC's 2016 ARROYO

"Potable Reuse of Water: A View from Arizona," by Susanna Eden, Sharon B. Megdal, and Jean McLain was published in the July 2016 Water Resources IMPACT Magazine. The article was based on the most recent WRRC Arroyo publication, which presents the story of potable reuse as a means to address increasing water challenges in Arizona. Potable reuse has been gaining attention since the development of advanced treatment technologies capable of producing water purer than is found in nature. The IMPACT article highlights Arizona's experience with issues such as waste stream management, regulation, and public acceptance.



To view the IMPACT article, click [here](#). To read more about potable reuse of water, click [here](#)

WRRC Director Participates in the National Conversation on Integrated Water Information for the 21st Century

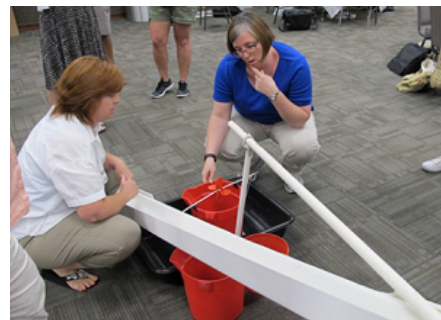


On July 12-14, 2016, WRRC's Director, Dr. Sharon B. Megdal, participated in the National Conversation on Integrated Water Information for the 21st Century, in Washington, DC, as a roundtable panelist for "Water Partnerships: Collaborating to Create and Use Water Information". Sponsored by National Oceanic and Atmospheric Administration (NOAA), along with the Secretary of the Army, Department of the Interior, University Corporation for Atmospheric Research, and the U.S. Water Partnership, the Conversation brought together scientists, agency personnel, and others to discuss how to deliver more robust and integrated water-related data to help communities and businesses build resilience and plan for the future. Dr. Megdal brought attention to role of universities in research and educating the next generation of scientists and reinforced consideration of the role of Cooperative Extension in delivering water and climate science to stakeholders.

The Water Solutions: Past, Present, Future



Teachers explored how history informs water-related decision-making through the 5-day Water Solutions Academy provided by Arizona Project WET and Salt River Project (SRP). Investigations of the Salt River Watershed took teachers on a tour through history and through human-made solutions to water needs. They mapped the watershed and modeled the



management system. They explored the impact of forest fires on watershed health and engineered ways to put water to work. At the SRP Control Center, teachers discovered the intricacies of balancing water flow from the watershed to the cities, amidst seasonable variations in the supply. At the SRP Water Quality Lab, teachers distinguished potential water quality issues and the challenges of maintaining the quality of water delivered to the customer. Systems thinking led teachers to a deeper understanding of the SRP system that provides water to the Phoenix valley.

Binational Working Group toward Catfish Restoration



On June 7, 2016, a group of 18 committed professionals, including Professor James Hopkins and his students at the University of Arizona Law School and representatives from the Pascua Yaqui Tribe's Office of Development Services, the Fish and Wildlife Service (FWS), as well as Unison, and the University of Sonora in Mexico, met to discuss their ongoing efforts to restore Yaqui Catfish populations.

The Yaqui Catfish, *Ctalurys pricei*, is listed as an endangered species by the International Union for Conservation of Nature. Aracely Rivera and Alejandro Varelo-Romero of the University of Sonora estimate that there are only about 50 individual fish in the wild. According to a recent FWS report, only 2% of its habitat remains viable in the US.

Efforts to establish a binational restoration program of the Yaqui Catfish are underway and students in Professor Hopkins' International Environmental Law Clinic are assisting in coordinating, drafting, and implementing supporting agreements, tribal permitting, and a consultation framework. The binational indigenous stakeholders are the Pascua Yaqui Tribe of Arizona and the eight Rio Yaqui Pueblos of Sonora, Mexico.

For more information please contact Maria Arvayo (Maria.Arvayo@pascuayaqui-nsn.gov) at the Pascua Yaqui Tribe's Office of Development Services or Professor James Hopkins (hopkinsj@email.arizona.edu).

WATER RESOURCES RESEARCH CENTER

The University of Arizona Water Resources Research Center (WRRC) - A unit of the University of Arizona, College of Agriculture and Life Sciences and Arizona Cooperative Extension - promotes understanding of critical state and regional water management and policy issues through research, community outreach and engagement, and public education.

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