



COLLEGE OF AGRICULTURE & LIFE SCIENCES  
COOPERATIVE EXTENSION

# WATER RESOURCES RESEARCH CENTER

# 2015 Highlights

## GREATER DEPTH, BROADER PERSPECTIVE FOR A CLEAR WATER FUTURE

We tackle key water policy and management issues, empower informed decision-making, and enrich understanding through engagement, education, and applied research.

### 2015 HIGHLIGHTS – THE UNIVERSITY OF ARIZONA WATER RESOURCES RESEARCH CENTER

Increasing engagement with diverse partners and collaborators

**1,800** print and **1,600** electronic Arizona Water Resource newsletter recipients

**2,000** Weekly Wave E-newsletter recipients

**28** publications by WRRRC personnel

**86** presentations made by WRRRC personnel

**30** External Advisory Committee members

**315** presentations, workshops and training sessions conducted by Arizona Project WET

### ANNUAL REPORT

For more detailed information, please visit us online using the following link:

[wrrc.arizona.edu/annual-report-2015](http://wrrc.arizona.edu/annual-report-2015)

Cover photo: Kathryn Sorensen - Chevelon Creek

### LOCATION OF WRRRC ENGAGEMENT ACTIVITIES IN 2015



The University Of Arizona  
Water Resources  
Research Center

350 N. Campbell Ave.  
Tucson, AZ 85719  
(520) 621-9591

[wrrc.arizona.edu](http://wrrc.arizona.edu)

# OUTREACH & ENGAGEMENT

The WRRC transfers water research results and information to other researchers, water managers, policy makers, and the wider public. The Center's outreach activities include publications, conferences, lectures, seminars, and workshops.



## DIRECTOR'S ACTIVITIES

**45** ENGAGEMENT  
ACTIVITIES AROUND  
THE GLOBE   
spanning from Arizona to Israel

**ADVISING**  
**17** GRADUATE  
STUDENTS   
in Arizona, national,  
and global water policy

 **25** PUBLICATIONS  
published and posted  
materials and papers

**12,600**   
ESTIMATED  
TOTAL REACH  
through engagement activities



## BROWN BAG SEMINARS

**340**  
 **ATTENDANCE**  
in person and via  
online webinars



**23 Speakers**  
including local,  
national, and  
international  
experts



**Looking Forward:**  
expansion  
of online  
viewership and  
engagement



## ANNUAL CONFERENCE

**330+**  
  
**PARTICIPANTS**  
from 13 Tribal Nations and  
49 Arizona communities



**33 Speakers  
and Panelists**  
with ties to Native  
American  
communities across  
Arizona presented  
diverse  
perspectives.



**Fall 2015 AWR  
Newsletter**  
dedicated to  
Indigenous  
Perspectives  
on Sustainable  
Water Practices

# SELECTED PROGRAMS

The WRRC houses programs that focus on scientific research, education, and community outreach and engagement. Programs are directed and coordinated by WRRC staff members and cover a spectrum of topics, including water management, planning, and policy, conservation, water harvesting, and water quality.



**Water Quality Research Lab**

**\$2.8 MILLION**

administered in collaborative funding



**Lab Director Named to 8 Advisory Boards** focused on antibiotic resistance and water quality



**Training Tomorrow's Researchers:** 100% of graduates employed or admitted to graduate programs



**500 TEACHERS**

engaged 32,400 students through improved instructional practices developed in Teacher Academies



**3.7 Million Gallons of Water Per Year:** projected savings from student-installed devices



**36,600 Water Stewards** developed through K-12 education programs



**50% Gains** in teachers' ability to deliver STEM instruction



**280+ FACULTY & RESEARCHERS**

48 departments and programs, and a water calendar on the new UA Water Network website



**5 Graduate Fellowships** awarded to outstanding students conducting Arizona water research



**375 Researchers & Professionals** informed about key opportunities through the Water Network List Serve



**LOOKING FORWARD**

**610 Plants and Landscaping Ideas** for low water-use gardens on the new Desert Landscaping website



**Desert Water Harvesting Initiative**



**Water RAPIDS**  
Water Research and Planning  
Innovations for Dryland Systems



**Conserve2Enhance**



**50+ PROFESSIONALS**

in the Water Harvesting Experts Directory



**Water Harvesting Assessment Toolbox** helps communities in the Southwest assess water harvesting opportunities



**Water Harvesting Resources and Expertise** available online  
[wrrc.arizona.edu/DWHI](http://wrrc.arizona.edu/DWHI)

**1300 PEOPLE ENGAGED**



in understanding water resources



**40+ Outreach Activities**  
From community conversations to town council presentations on scenario planning



**LOOKING FORWARD**

**Guidebook for Environmental Flows Management** and Research on Watershed Partnership Effectiveness



**1.7 MILLION GALLONS**

conserved by participants



**\$12,000 Donated** to 2 community enhancement projects



**LOOKING FORWARD**

**5 Active Programs** with a new program coming soon

Track your water savings with C2E™  
[conserve2enhance.org](http://conserve2enhance.org)

# ONLINE TOOLS



[BeyondTheMirage.org](http://BeyondTheMirage.org)

## New Arizona Prize Winner Beyond the Mirage

*Beyond the Mirage* is an innovative web-based experience that encourages users to explore Arizona's water supplies, demands, challenges, and opportunities by creating their own mini-documentaries. Watch the *Beyond the Mirage* trailer at [www.BeyondTheMirage.org](http://www.BeyondTheMirage.org)



[conserve2enhance.org](http://conserve2enhance.org)

## Conserve2Enhance Water Use Dashboard™

Conserve2Enhance connects voluntary water conservation with community action.

**Sign up at [conserve2enhance.org](http://conserve2enhance.org)** to get conservation tips, track water savings, and make your drops count!



[water.arizona.edu](http://water.arizona.edu)

## UA Water Network

The UA Water Network, showcases the more than 280 faculty and researchers in 48 departments and programs who specialize in topics related to water. The site provides a unified water events calendar for all campus programs, a searchable expertise directory, and a student resources section that includes notification about upcoming opportunities.

**SUBSCRIBE ONLINE TO KEEP UP WITH WATER NEWS AND EVENTS:**  
[wrrc.arizona.edu/subscribe](http://wrrc.arizona.edu/subscribe)

### Weekly Wave e-News Digest

The Weekly Wave e-News Digest is distributed weekly during the academic year, and contains WRRC news, events, and much more.

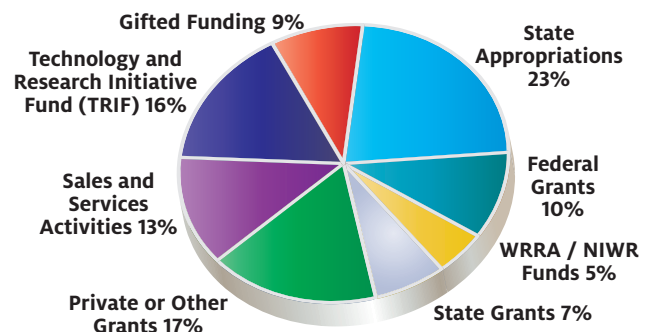
### Arizona Water Resource Newsletter

The Arizona Water Resource is the WRRC's quarterly newsletter that provides timely and informative coverage of water issues, research, news, and resources.

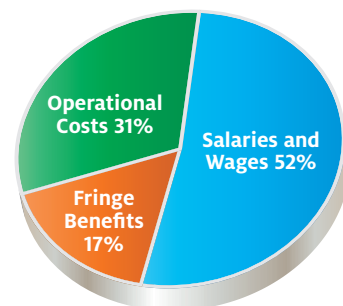
### Arroyo

The Arroyo is published each spring and summarizes knowledge on a single water topic of importance to Arizona.

## 2015 FINANCIAL SUMMARY



**2015 SOURCES \$2,422,422**



**2015 USES \$2,280,799**