



Cochise County Cooperative Extension Water Related Programs

- ▶ Water Wise - Sierra Vista subwatershed
 - ▶ 13 years, 2.5 FTE, Cado Daily, Cyndi Wilkins, Hank Huisking
- ▶ Water Wise & Energy Smart – Ft. Huachuca
 - ▶ 10 years, 1.0 FTE, Alison Barrett, Tom Wood
- ▶ Water Wise – county wide
 - ▶ 2 years, 0.5 FTE, Carmen Miller
 - ▶ 3 Faculty – Rob Call, Kim McReynolds, Susan Pater
- ▶ Funded by Cochise County, Sierra Vista, Ft. Huachuca, Upper San Pedro Partnership and other smaller donors



Water Wise – Water Conservation Education

▶ April – Water Awareness Month

- ▶ Newspaper insert in local newspapers: Sierra Vista, Douglas, Benson, Bisbee and Willcox

COCHISE COUNTY WATER 2007

Inside:

- ARIZONA WATER RIGHTS 2
- WATER QUALITY 2
- WETLANDS 4
- RAIN ONLY LANDSCAPES 6-7
- YOUTH PANEL 6
- WATERING GUIDE 6
- KEY MESSAGE 10

Sponsored by:

Yes, we are still in a DROUGHT

RAIN ONLY LANDSCAPES – NATURALLY!

USE GRAY WATER

RAIN CONTAINERS

How Can We Save a Gallon a Day?

IT'S EASY!

A HOUSEHOLD CAN SAVE WATER WITH:	SAVE IN A YEAR:
TOILETS NEWER THAN 1993.....	9,000 – 26,000 GALLONS
2.5 GALLONS (OR LESS!) PER MINUTE SHOWERHEADS.....	850 – 13,000 GALLONS
1.5 GALLONS PER MINUTE (OR LESS!) SINK AERATORS.....	5,000 – 18,000 GALLONS
HIGH EFFICIENCY CLOTHES WASHER.....	4,000 – 10,000 GALLONS
WATER EFFICIENT DISHWASHER.....	170 – 600 GALLONS
AIR CONDITIONING INSTEAD OF EVAPORATIVE COOLING.....	6,000 GALLONS
FIXING LEAKS.....	4,000 – 36,000 GALLONS
USING A POOL COVER.....	16,000 GALLONS
USING GRAY WATER FOR LANDSCAPES.....	50,000 GALLONS
RAIN-ONLY LANDSCAPE.....	36,000 GALLONS
REPLACING TURF.....	20 – 30 GALLONS PER SQUARE FOOT

If everyone in Cochise County saved a gallon a day, we could conserve 46 million gallons a year!

▶ Residential Program

- ▶ Home on-site visits
- ▶ Brochures
- ▶ Workshops
- ▶ Landscape tours
- ▶ Rainwater harvesting tour
- ▶ Information table
- ▶ Interaction with watershed groups
- ▶ Bus signs
- ▶ Newsletter
- ▶ Newspaper articles
- ▶ Radio
- ▶ Demonstration areas



Water Wise Community Education

- ▶ Industrial, Commercial & Institutional (ICI) Program

- ▶ ICI building audits

- ▶ Schools
 - ▶ Government buildings
 - ▶ Hospital
 - ▶ Roper Lake State Park

- ▶ Gray water plumbing workshop for plumbers

- ▶ 11 Sierra Vista area schools retrofitted with USPP grant



Industrial, Commercial, and Institutional (ICI)

- ▶ Classroom education
- ▶ Teacher workshops – Project WET
- ▶ Water Festival
- ▶ Rolling River
- ▶ Poster Contest
- ▶ After school and summer youth programs



Water Wise Youth Education

- ▶ Education targeted to military families based at Ft. Huachuca
 - ▶ Public outreach
 - ▶ Youth education
 - ▶ Commercial and housing courtesy water audits



Water Wise & Energy Smart

- ▶ Master Watershed Stewards
- ▶ Water Related Studies
 - ▶ Landscape plant watering study (2 mulched xeriscape, 2 turfgrass)
 - ▶ TRIF – Estimating water use of rural domestic wells with SAHRA, WRRC and Cochise County
 - ▶ TRIF – Rainwater harvesting certificate program & Demonstration Project (recently awarded)
 - ▶ Riparian/watershed monitoring
- ▶ 4-H Watershed Project (Junior MWS)
- ▶ Water Forums/Workshops
- ▶ Irrigation efficiency workshop for farmers with NRCS
- ▶ Coordination of Local Drought Impact Groups (ADWR)
- ▶ Well Owner Education (TRIF)
- ▶ Rainlog
- ▶ Backyards & Beyond Magazine (some water education)

Lots of Partnerships

Other Water Related Programs



Water Conservation Working Group
Home

Modify Shared Page ▾

- Documents**
Shared Documents
- Pictures**
- Lists**
Contacts
Tasks
- Discussions**
General Discussion
- Surveys**

Announcements ▾

Cochise County Water Awareness Month Newspaper Insert 4/17/2008 4:37 PM

by Cado Daily

Check out this years WAM! county-wide newspaper insert filed in Shared Documents, Publications, WAM, WAM 2008. If you can't open it (and it is big) go to www.ag.arizona.edu/cochise/waterwise and click on the home page blue explosion graphic.

2008 Workplan DRAFT 4/17/2008 3:26 PM

by Cado Daily

Take a look at the draft 2008 workplan I put together. Let's have a dialogue on it. It is in Shared Documents, Workplans, 2008 Workplan.

Minutes 12-4-07 meeting 12/21/2007 1:38 PM

by Cado Daily

▣ Add new announcement

Events ▾

4/1/2008 12:00 AM **WAM! April is Water Awareness Month**
Spring is coming along with increased outdoor watering. WAM! is a great time to have special educational outreach efforts promoting water conservation.

5/4/2008 1:00 PM **Spring Xeriscape Self Guided Tour - Sierra Vista, AZ**
(Attached is a flyer) Low water use landscapes, called Xeriscapes (pronounced Zir- ih -scapes - remember, there is no " zero" in Xeriscape!), can be colorful, evergreen, soft, easy care and wildlife friendly. When you visit these four yards, you will...

▣ Add new event



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- ▶ Strong and consistent outreach needed countywide.
 - ▶ A lot of education in the San Pedro watershed where people have become aware of and understand the need to conserve. High priority.
 - ▶ Other areas of the county – don't understand the need to conserve. Difficult to promote conservation. Often a low priority.
- ▶ Willcox area – 100,000 acre feet overdraft. Agriculture important to the area.
- ▶ Cochise County – first to recently pass water adequacy legislation requiring subdivisions to meet 100-year adequacy requirement. Not sure how this will affect various areas.
- ▶ Need to connect land use to water supply.
- ▶ Water quality – only minimally addressed.

Water Issues not being addressed

- ▶ A key challenge from Governor Napolitano is to create a “Culture of Conservation” in Arizona.
 - ▶ Recently proclaimed April as Water Awareness Month - urging all communities to strengthen educational efforts, and for state and local governments to increase water conservation public awareness programs.
 - ▶ Conservation education is a critical component to conservation programming.
 - ▶ How do we help create a culture of conservation statewide?
- ▶ Difficult to measure the impact of education. How can we effectively evaluate our impact?
 - ▶ Funders want us to be able to count drops saved. Difficult to do with an education program and lots of other influences.
- ▶ Adequate and continued funding.