

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



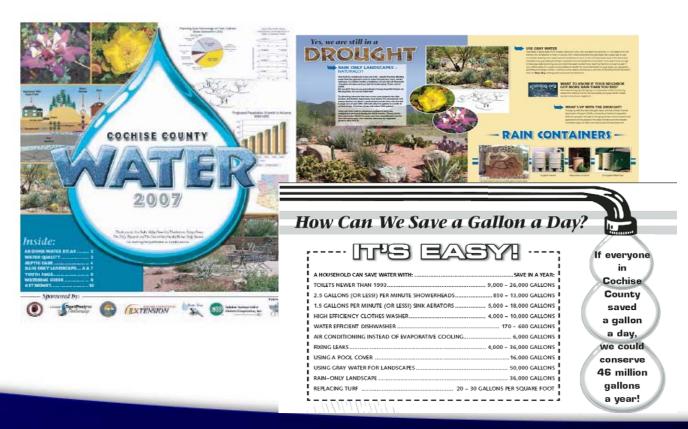




Water Wise - Water Conservation Education



- April Water Awareness Month
  - Newspaper insert in local newspapers: Sierra Vista, Douglas, Benson, Bisbee and Willcox



## 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







- 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





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









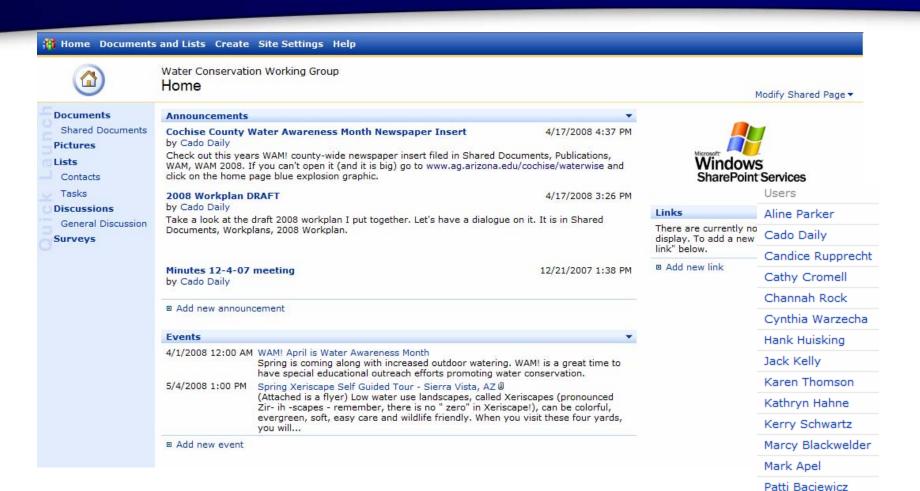
- ▶ Education targeted to military families based at Ft. Huachuca
  - Public outreach
  - Youth education
  - Commercial and housing courtesy water audits







- 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
- Lots of Partnerships Coordination of Local Drought Impact Groups (ADWR)
- Well Owner Education (TRIF)
- Rainlog
- Backyards & Beyond Magazine (some water education)



Rob Call

Robert Armstrong Stacey Bealmear Susan Pater

- 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.

- ▶ 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.