

Conservation Grants

As of 2010, the Partnership has awarded grants to 25 businesses and 15 schools resulting in an estimated water savings of 4.7 million gallons.

Stormwater Management

To aid in reversing groundwater decline, Partnership members are prioritizing locations and planning for construction of detention basins that will facilitate more rain water infiltration to the regional aquifer.

Habitat Management

The Bureau of Land Management (BLM) has been proactively managing San Pedro River habitat for years, including vegetation management and beaver reintroduction.

BLM reintroduced beaver to the San Pedro River in 1999. Beaver dams help to slow river flows, which increases stream bank recharge.

BLM uses prescribed fire as a vegetation management tool that reduces invasive species and encourages the re-establishment of native species. This allows for better infiltration of surface water and reduces groundwater use.



Water Harvesting

Monsoon rains should be a great benefit to landscape plants, but if the rainwater simply runs off of your property, you're not getting the full benefit of all that moisture.

Think there isn't enough rain? Consider this: in a 1-inch rain you can collect 600 gallons from a 1,000 sq. ft. roof, while a 4,500 sq. ft. roof will receive 2,800 gallons!



What You Can Do to Help

1. Talk With Your Civic Leaders

Remind your community leaders how important water issues are to you and your neighbors. Ask them to take our water issues into consideration when making decisions.

2. Conserve Water

Learning to conserve water at your home or business will help us meet our region's water goals and can reduce your water bill. You can get more information and free assistance from Water Wise by calling (520) 458-8278, ext. 2141.

3. Learn More

To learn more about where our water comes from, how to use it wisely, and why we need to stop the decline and raise the level of the water table, visit the Partnership website.

On the website, you will find:

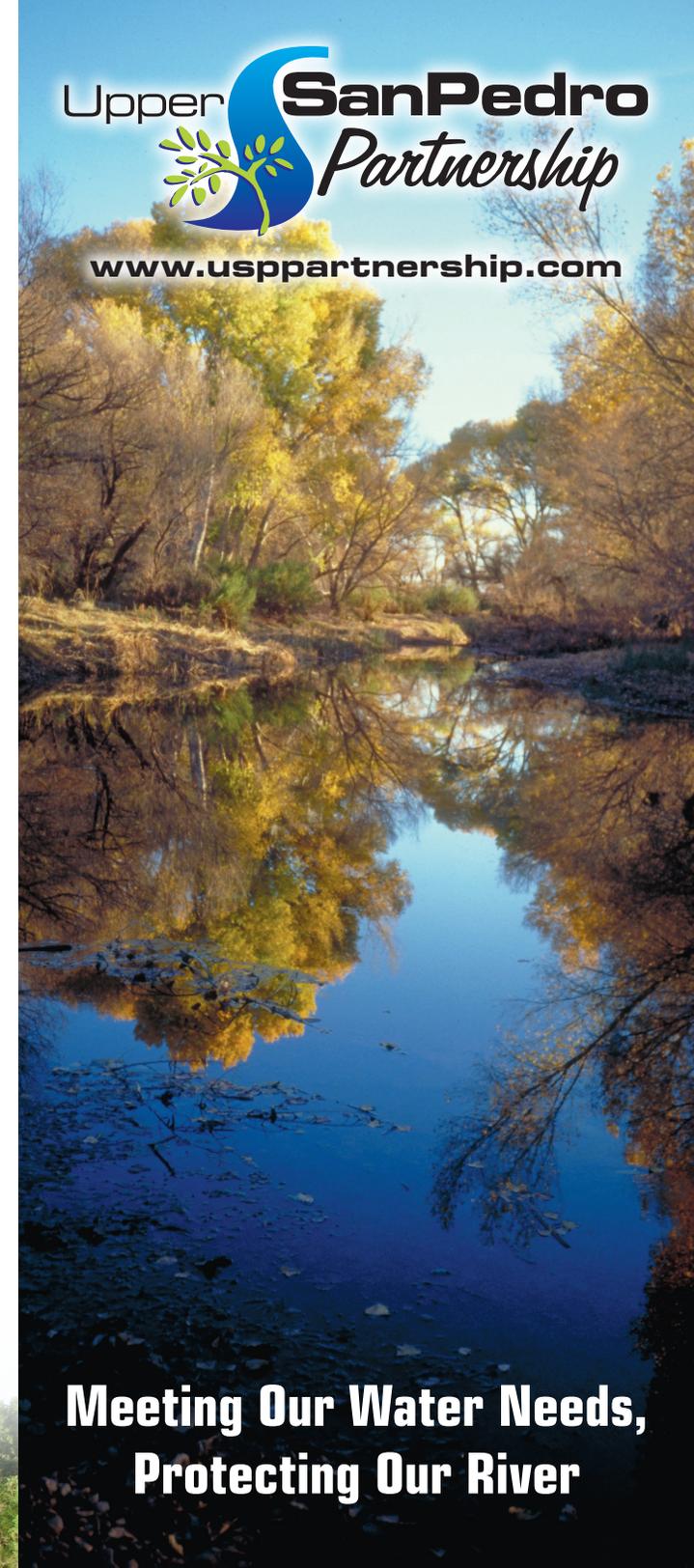
- Additional & Updated Information
- Meeting Information
- Maps
- Library: Articles and Research
- Contact Information
- Links to Members' Websites

www.usppartnership.com

email: info@usppartnership.com



www.usppartnership.com



**Meeting Our Water Needs,
Protecting Our River**

The Upper San Pedro Partnership:

Brings together 21 agencies and organizations to monitor and manage our water, build projects to enhance our water resources, provides education and public policy recommendations in an effort to help state and local governments better manage water resources.

- The Partnership's goals are to balance all the water needs of our region by taking into account a growing population, without causing unacceptable environmental, economic, or social consequences, and to ensure the long-term viability of Fort Huachuca.

The Partnership is:

- Working to reverse our groundwater decline, preserving both the San Pedro Riparian National Conservation Area and our economy.



The Partnership Helps in Protecting a National and Regional Treasure

- The 58,000-acre San Pedro Riparian National Conservation Area (SPRNCA) is a national treasure and internationally recognized for its wildlife.
- The river's stretch is home to 84 mammal species, 7 fish species, 41 reptile and amphibian species, and 100 breeding bird species. It also provides invaluable habitat for 250 species of migrant and wintering birds.
- The river attracts over 400,000 visitors each year resulting in millions of dollars added to the regional economy.

Fort Huachuca —A Partner and Economic Powerhouse

Fort Huachuca employs 14,089 military, students, Department of the Army civilians and contractors contributing \$922 million per year in salaries. The Fort also creates approximately \$1.75 and \$2.4 billion per year in economic impact for Cochise County and the State of Arizona (includes Cochise County in total), respectively.

Under the Endangered Species Act, Fort Huachuca is required to manage its potential impact on endangered species which rely on surface water levels in the San Pedro Riparian National Conservation Area – but needs help from Upper San Pedro Partnership members.

The economy of the surrounding region relies in large part on both the presence of the Fort and the nature-based tourism at both the river and in the mountains.

Land Conservation Water Savings

As of 2011, the total acreage of land protected by fee acquisition and conservation easements in the Sierra Vista Sub Watershed, including the Babocomari River, was 12,902 acres. These land transactions translate into water savings of 1073 acre ft. per year in retired agricultural wells and 711 acre ft. per year in avoided future residential pumping. The acreage conserved and associated water savings will increase annually as more land is purchased, sustaining river flows and reducing groundwater pumping.

USPP organizations involved in these purchases and easements include Fort Huachuca, The Nature Conservancy, BLM, Cochise County, and USFWS. AZ Land & Water Trust, Pima County, AZ Military Installation Fund, and AZ Game & Fish are also parties to these land conservation activities.

Reuse and Recharge

About 850 million gallons of water (an average 2,600 acre ft.) is recharged and infiltrated each year at the City of Sierra Vista's Environmental Operations Park. Fifty-acres of wetlands at the Park also provide a haven for migratory birds and native wildlife.

Fort Huachuca uses 250 acre ft. per year of treated effluent for irrigation on its desert-designed golf course and is recharging more than 400 acre ft. per year at recharge basins, detention basins, roof-top capture and recharge systems.

The City of Bisbee's effluent is reused for the Turquoise Valley Golf Course. Excess effluent is used to revegetate mining sites.

Fort Huachuca installed more than 15 acres of artificial turf at training and sports complexes saving more than 18 million gallons (56 acre ft.) per year. Water Wise audits on the Fort have resulted in projects that have reduced water usage by another 3.6 million gallons (11 acre ft.) per year.

Education

The Partnership sponsors Water Wise education and assistance throughout our region. The Water Wise program reaches Sierra Vista Subwatershed and Fort Huachuca residents through presentations, workshops, tours, school programs, on site visits, educational brochures, a hot line, website, and professional trainings.