

2017 Accomplishments

Projects and Monitoring

1. Recharged 2,700 acre-feet to the aquifer and precluded approximately 3,000 acre-feet of pumping this year at CCRN sites near the San Pedro River.
2. Completed permitting and construction of Horseshoe Draw Sediment Control and Stormwater Recharge project. The forty-acre project site was transferred to Cochise County for long-term management.
3. Palominas Flood Control and Recharge Pilot Project operated for a third year and performance measurements of recharge continue.
4. Discussions between the City of Bisbee and Cochise County continue for development of a potential near stream effluent recharge near the international border.
5. Consultants to CCRN completed investigation of Bella Vista and started conceptual design of innovative new infrastructure to be developed along Coyote Wash to recharge urban enhanced runoff.
6. Completed the first annual baseline hydrologic monitoring report for Horseshoe Draw, Bella Vista, and Riverstone project sites, so that subsequent infrastructure projects can be compared to the previous conditions at these sites.
7. Developed model simulations of how to most effectively integrate future water conservation measures with aquifer replenishment projects for effective long-term water management.
8. Updated the regional USGS groundwater model with estimates of current population and pumping data and refined growth projections. Used the updated model to estimate future flow benefits of recharge network projects to the San Pedro River. Final modeling results were presented to the public and posted online at the Upper San Pedro Partnership website.
9. Evaluate potential land acquisitions along Babocomari and San Pedro Rivers that would support CCRN goals.

Funding

1. Helped secure \$1M in private funding and completed final design for Horseshoe Draw Sediment Control and Stormwater Recharge Project and engaged federal elected officials in DC and local staffers in support of the project.
2. Applied for and Cochise County was awarded \$560,000 from the USDA NRCS Watershed and Flood Protection Program Grant for Bella Vista/Coyote Wash UER project final design, which also makes the project potentially eligible for FY19 or 20 construction funding.

3. The City of Sierra Vista applied for \$100,000 Bloomberg Mayor's Challenge Grant for Coyote Wash (Bella Vista) public engagement and UER conveyance study, which if successful, would make Coyote Wash UER project eligible for \$1-5M next funding proposal.

Outreach

1. CCRN provided support to the Sentinel Landscape Restoration Partnership for development of water project priorities in their restoration planning efforts.
2. CCRN members shared hydrologic monitoring and modeling results with stakeholders and conducted site tours of recharge network sites with the Friends of the San Pedro, Bisbee City Council, the Salt River Project, the U.S. Bureau of Land Management and other local water advocates to discuss and assess various aquifer replenishment options.
3. CCRN members coordinated the technical aspects of recharge project development closely with the Upper San Pedro Partnership Technical Committee.
4. AZ Public Media aired story in June about Horseshoe Draw Sediment Control and Stormwater Recharge Project, featuring CCRN members.