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Water Management Assistance Program 2017-2018 Funded Projects (all AMAs)

- 1) **Hydrogeological Analysis of Superstition Vistas (Phoenix AMA):** Conduct a detailed geological and hydrological investigation of the Superstition Vistas area in order to improve understanding of the alluvial basin structure and aquifer characteristics within this region.
- 2) **Smartscape (Phoenix AMA):** Instruct landscape professionals in the metro Phoenix area in the fundamentals of design, installation, irrigation, and maintenance of low-water-use and Arizona-friendly landscapes.
- 3) **Water Conservation Management Program (Phoenix AMA):** Provide on-site irrigation technical assistance and other related services, including education and outreach to all agricultural water users within the Phoenix AMA, in order to increase irrigation efficiencies and promote water conservation.
- 4) **Water – Use it Wisely (Phoenix AMA):** As Arizona’s largest water conservation campaign, its mission is to keep water conservation in the forefront of people’s mind and provide water conservation and efficiency tips and resources to the public, students and business.
- 5) **Residential Water Use Study (Phoenix AMA):** Identify the past, present and likely future water-use characteristics of specific categories of homes in the Phoenix Metropolitan Area, which has very different types of landscape attributes when compared with other regions of the country.
- 6) **Arizona Project WET (Phoenix & Tucson AMAs):** Support and expand Arizona Project WET (APW) activities in the Tucson AMA, including educating K-12 students about their interconnected water resources and their importance to Arizona’s water future. Funds will be used to develop and conduct curriculum components, STEM lessons, water saving projects and professional development for teachers.
- 7) **Irrigation Conservation Assistance Program (Tucson AMA):** Provide irrigation water management technical assistance, training and monitoring to agricultural and urban irrigation water users within the Tucson AMA in order to improve agricultural water use efficiency and identify irrigation water saving opportunities.

- 8) **Microgravity and Subsidence – USGS (Tucson AMA):** Continue and expand monitoring activities for both aquifer-storage change and land-surface elevation change in the Tucson AMA.
- 9) **Water Demand Models (Tucson AMA):** Update and enhance previously compiled water demand studies for the Tucson AMA by incorporating new data, performing new analysis and improving model coefficients.
- 10) **Prescott AMA Brochure & Outreach (Prescott AMA):** Develop and publicly distribute information regarding Prescott AMA groundwater supplies and management programs, using information found in the 4th Management Plan.
- 11) **Rainwater Harvesting for Aquifer Recharge (Prescott AMA):** Design, construct and scientifically evaluate a pilot project of rainwater harvesting system that directly recharges the aquifer rather than holding rainwater in a storage tank.
- 12) **Ephemeral Streamflow Monitoring (Prescott AMA):** Install and monitor ephemeral stream gauges in the Prescott AMA to better understand the relationship between ephemeral stream flow and aquifer recharge.
- 13) **Irrigation Management Service (Pinal AMA):** Provide on-site irrigation technical assistance and other related services, including education and outreach to all agricultural water users within the Pinal AMA, in order to increase irrigation efficiencies and promote water conservation.
- 14) **Natural Resource Education Center (Pinal AMA):** Conduct educational programs for children and adults about agriculture and water conservation in the Eloy, Florence-Coolidge, and West Pinal Natural Resources Conservation Districts through a variety of curricula, activity stations, take-home activities, an interactive field site, and hands-on experience.