



WaterSMART Applied Science Grants

Through WaterSMART Applied Science Grants, Reclamation provides cost-shared financial assistance for projects to develop hydrologic information and water management tools and improve modeling and forecasting capabilities. Increased access to information and improved modeling and forecasting capabilities will meet a variety of water management objectives, including: support for water supply reliability, management of water deliveries, water marketing activities, drought management activities, conjunctive use of ground and surface water, water rights administration, ability to meet endangered species requirements, watershed health, conservation and efficiency, and other water management objectives.



WSR-88D Doppler radar at New Underwood, SD. Courtesy NASA.

In August 2022, Reclamation announced eight successful projects under the Applied Science program and will provide approximately \$1.2 million to improve water modeling, forecasting, and information to support water management decisions. Some of the successful projects are: Verde River basin integrated hydrologic modeling project, geospatial data platform to assess and manage tribal water resources, well asset and groundwater management and forecasting tool project, and the Mission Creek subbasin water quality model.

Funding Levels & Eligibility

The Applied Science Program funding is allocated through a competitive processes. Applicants for Applied Science Grants may request federal funding up to \$200,000 for projects to be completed within two years; with a non-Federal cost share of 50% or more of the total project cost.

Eligible applicants include States, Indian tribes, irrigation districts, water districts, universities, nonprofit research institutions, and nonprofit organizations, or other organizations with water or power delivery authority. The eligible project types include:

- Improved Hydrologic Modeling
- Improved Forecasting Tools
- Improved GIS and Data Management

For more information: Please visit www.usbr.gov/watersmart/appliedscience/index.html or contact Avra Morgan at (303) 445-2906 or aomorgan@usbr.gov.

For more information on selected projects, visit www.usbr.gov/watersmart.