



— BUREAU OF —
RECLAMATION

WaterSMART Program

Dr. David Raff

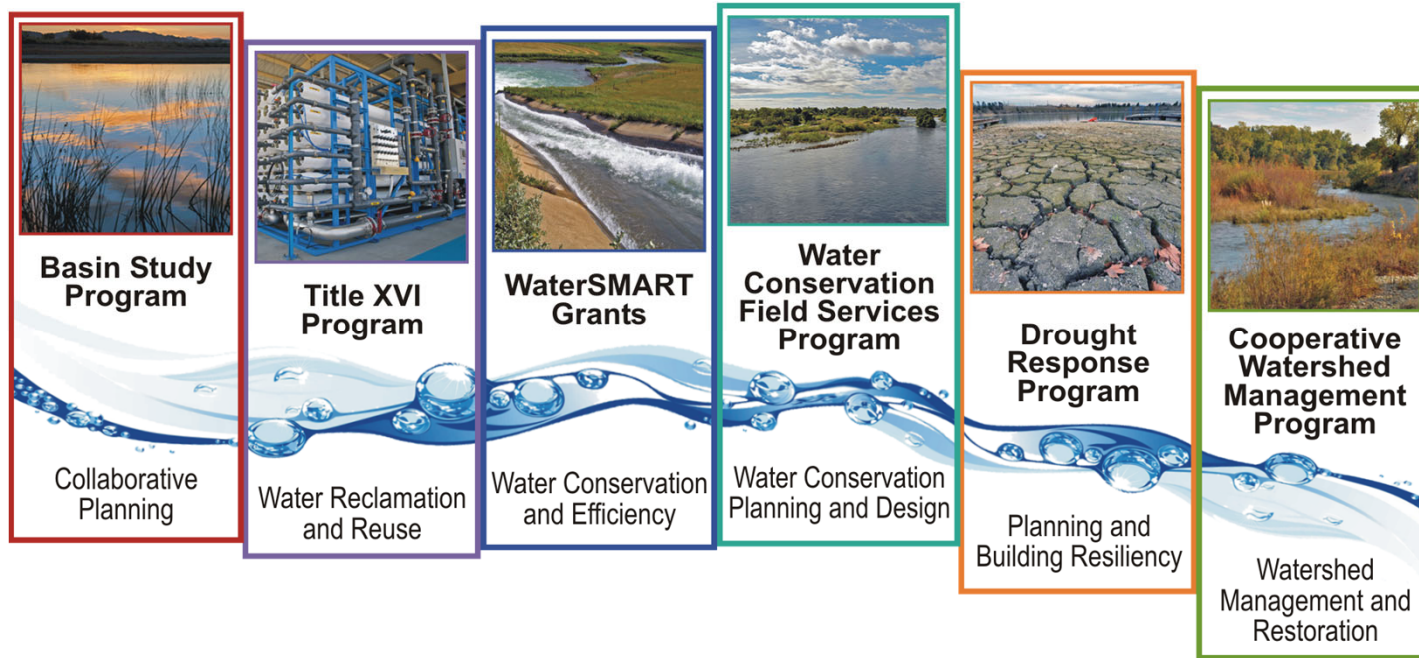
Territorial Climate and Infrastructure Workshop
March 28, 2022

WaterSMART Program Overview

- Increases water supply reliability through investments and attention to local water conflicts
- Supports water conservation and water management improvements to help meet competing demands for water
- Leverages Federal and non-Federal funding
- Relies on collaboration with stakeholders to develop local solutions to water supply issues



WaterSMART Program



Provides a framework for Interior to support water supply reliability for multiple water users.



Build a Foundation Through WaterSMART

Planning

- CWMP Phase I
- Drought Contingency Plans
- Water Marketing Strategy Grants
- Water Conservation Field Services Program

Science and Tools

- Applied Science Tools
- Drought Resiliency Projects
- Reservoir Operations Pilots
- Water Management Options Pilots

On-the-Ground Projects

- Environmental Water Resources Projects
- Drought Resiliency Projects
- Small-Scale Water Efficiency Projects
- Water and Energy Efficiency Grants



WaterSMART Project Type Examples

| Project type | Potential funding opportunity |
|---|--|
| Form a watershed group or develop a restoration plan | Cooperative Watershed Management Program |
| Developing or updating a comprehensive drought plan | Drought |
| Water budget studies | Drought |
| Constructing a well | Drought |
| Expanding distribution of recycled water | Title XVI/Drought |
| Stormwater management/aquifer recharge | Title XVI/Drought |
| RO UV water systems | Title XVI/Drought |
| Constructing a reservoir | Title XVI/Drought |
| Installing new renewable energy capacity | WaterSMART Grants |
| Water Conservation/Efficiency Projects (e.g., canal lining/piping; municipal metering; irrigation flow measurement; Supervisory Control and Data Acquisition and Automation (SCADA); landscape irrigation measures; high-efficiency indoor appliances and fixtures) | WaterSMART Grants |
| Watershed management or restoration projects benefitting ecological values | Environmental Water Resources Projects |
| Shoreline protection/improvements | Environmental Water Resources Projects |
| Wetland restoration | Environmental Water Resources Projects |
| Nature-based solutions | Environmental Water Resources Projects |

*Please be sure to contact the Program Coordinator to discuss details/specifics of any potential project prior to applying.



WaterSMART Program Basics



Most WaterSMART activities are grant programs



Generally a 50% non-Federal cost share is required for grants under WaterSMART

Reclamation is evaluating all flexibilities within existing authorities to provide grants available and achievable to the most people possible.

Applicants include entities such as states, tribes, cities, water districts, irrigation districts, watershed groups, non-profits, and flood control districts within the 17 Western United States and Territories:



Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wyoming, American Samoa, Guam, the Northern Mariana Islands, the Virgin Islands, and Puerto Rico.



Funding is allocated through annual competitive processes



Bipartisan Infrastructure Law Funding for WaterSMART & Aquatic Ecosystems

| WaterSMART Programs Receiving Infrastructure Funding | | | |
|--|----------------------------------|-----------------------|--|
| Program Area | Funding Amount (Over Five Years) | FY2022 BIL Spend Plan | Activities Funded |
| WaterSMART grants | \$400 million | \$160 million | Water conservation and efficiency, renewable energy, natural and nature-based features |
| Title XVI Water Reclamation and Reuse Program | \$550 million | \$245 million | Water Recycling |
| Desalination Projects | \$250 million | \$15 million | Ocean and Brackish Water Desalination |
| Large Scale Water Recycling | \$450 million | | Water Recycling |
| Cooperative Watershed Management Program | \$100 million | \$18 million | Watershed planning and restoration projects for watershed groups |
| Aquatic Ecosystems Restoration and Protection Projects | \$250 million | | Aquatic ecosystem restoration and protection projects to improve habitat |
| Multi-Benefit Projects to Improve Watershed Health | \$100 million | | Restoration projects to improve watershed health |



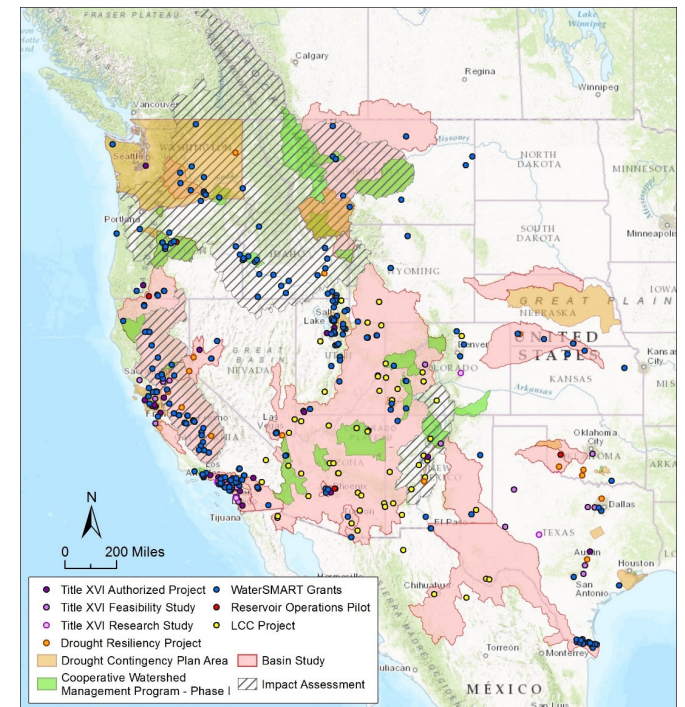
WaterSMART Schedule

| Program | Funding Opportunity | Post Date | Close Date |
|--|--|--|-----------------------|
| Drought Response Program | Drought Contingency Planning FY 2022 | Posted on February 15, 2022 | April 14, 2022 |
| | Drought Resiliency Projects FY 2023 | Expected March 2022 | Expected June 2022 |
| | Emergency Response Actions | Applications for emergency drought assistance are accepted on an ongoing basis | |
| WaterSMART Grants | Water and Energy Efficiency Grants FY 2023 | Expected April 2022 | Expected July 2022 |
| | Small-Scale Water Efficiency Projects FY 2022 | Posted on February 24, 2022 | April 28, 2022 |
| | Water Marketing Strategy Grants | Expected November 2022 | Expected January 2023 |
| Environmental Water Resource Projects | Environmental Water Resources Projects FY 2023 | Expected May 2022 | Expected August 2022 |
| Cooperative Watershed Management Program | Cooperative Watershed Management Program Phase I FY 2022 | Posted on January 24, 2022 | March 31, 2022 |
| Basin Study Program | Applied Science Grants FY 2022 | Posted on February 16, 2022 | April 14, 2022 |
| Title XVI | Title XVI Congressionally Authorized Projects FY 2022 | Posted on January 14, 2022 | Closed March 15, 2022 |
| | WIIN Act Water Reclamation and Reuse Projects FY 2022 | Posted on January 14, 2022 | Closed March 15, 2022 |
| | WIIN Act Desalination Projects FY 2022 | Posted on January 14, 2022 | Closed March 15, 2022 |



WaterSMART Program Resources

- WaterSMART Program Website: <https://www.usbr.gov/watersmart/index.html>
 - Note: Successful proposals are available on the website for each program
- For information about upcoming WaterSMART Funding Opportunities, send an email to: watersmart@usbr.gov with your name and email address
- Funding Opportunities can be found at: www.grants.gov
- Data Visualization Tool: arcg.is/1TcT68S





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Questions?

WaterSMART Grants

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