



— BUREAU OF —  
RECLAMATION

# WaterSMART Program

Funding Opportunities

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# Agenda Overview

- WaterSMART Programs
- Application Tips
- Funding Opportunity Schedule
- Data Visualization Tool
- Useful Program Links
- Questions



# 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

## Science and Tools

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

## On-the-Ground Projects

- CWMP Phase II
- Drought Resiliency Projects
- Small-Scale Water Efficiency
- Projects
- Water and Energy Efficiency
- Grants



# Planning Funding Opportunities

## Planning

- CWMP Phase I
- Drought Contingency Plans
- Water Marketing Strategy Grants

## Science and Tools

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

## On-the-Ground Projects

- CWMP Phase II
- Drought Resiliency Projects
- Small-Scale Water Efficiency Projects
- Water and Energy Efficiency Grants





# Drought Contingency Planning

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## Eligible Projects

- Funding for development, or update, of comprehensive drought plans.

## Funding

- Non-Federal Cost Share: 50% or greater
  - Cost share reduction/waiver available for applicants with financial hardship and a significant Federal interest
- Up to \$200,000





# Cooperative Watershed Management Program Phase I

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## Eligible Project Activities

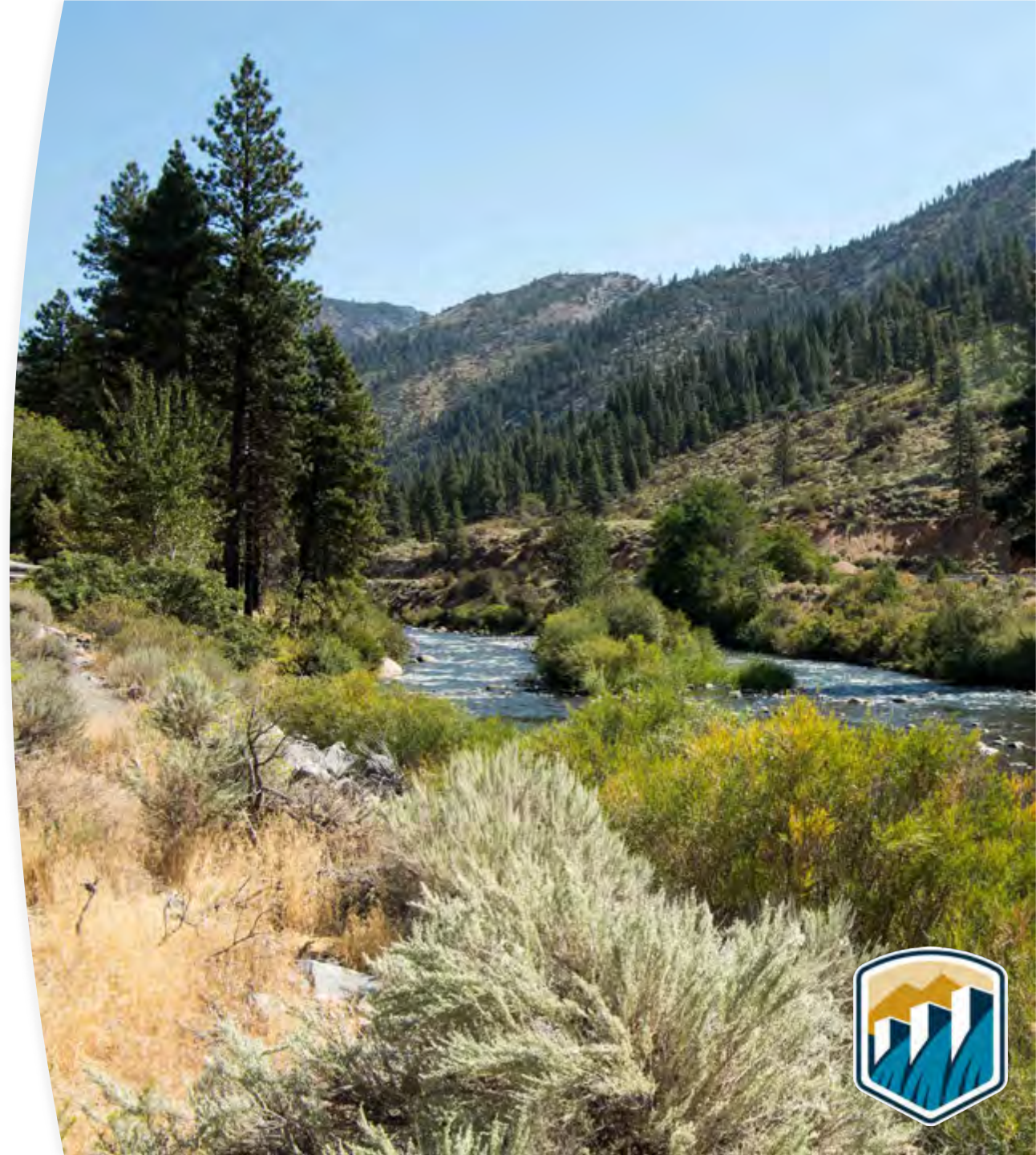
- Watershed group development
- Conducting outreach activities
- Gathering data about the watershed
- Watershed restoration plans
- Watershed management project design

## Funding

- 0% non-Federal cost share required
- Up to \$100,000 in Reclamation funding over 2 years
- Sufficiency review required for second year funding

## Evaluation Criteria

- Project benefits







# Water Marketing Strategy Grants

**Program Objective:** Water markets between willing buyers and sellers can help meet demands efficiently in times of shortages, preventing conflicts

## Eligible activities:

- Outreach and partnership building
- Scoping and planning
- Development of a water marketing strategy document
- Pilot activities to further the development of a water marketing strategy

## Funding levels:

- Up to \$200k for a 2-year project
- Up to \$400k for a 3-year project





# Science and Tools

## Planning

- CWMP Phase I
- Drought Contingency Plans
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- Grants

## Science and Tools

- Applied Science Tools
- Drought Resiliency Projects
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## On-the-Ground Projects

- CWMP Phase II
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# Applied Science Grants

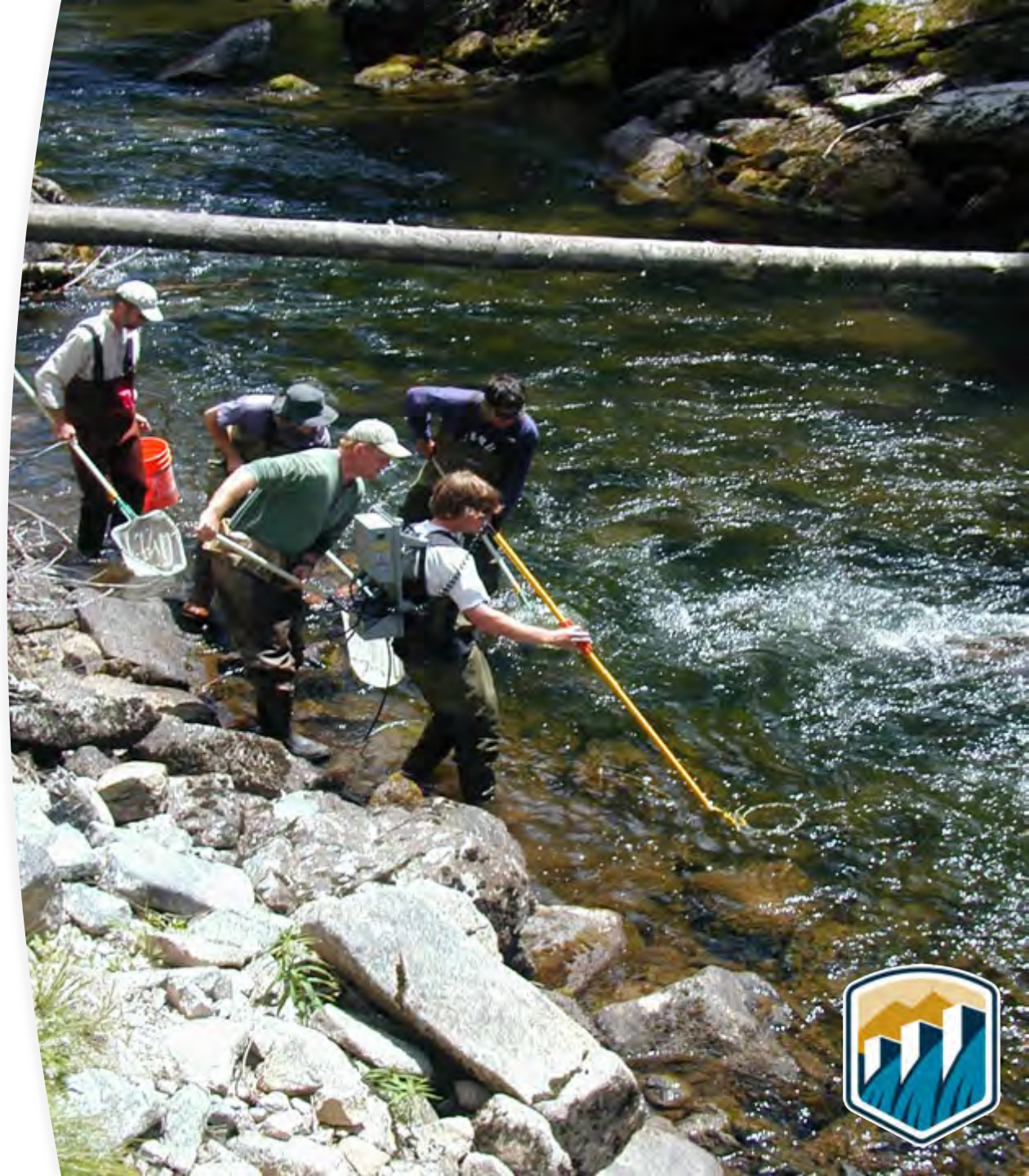
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## Eligible Projects

- Improve or enhance modeling capabilities
- Improve or adapt forecasting tools and technologies
- Improve access to and use of water resources data

## Funding

- 50% non-Federal cost share required
- Up to \$150k for a 2-year project
- Up to \$300k for a 3-year project

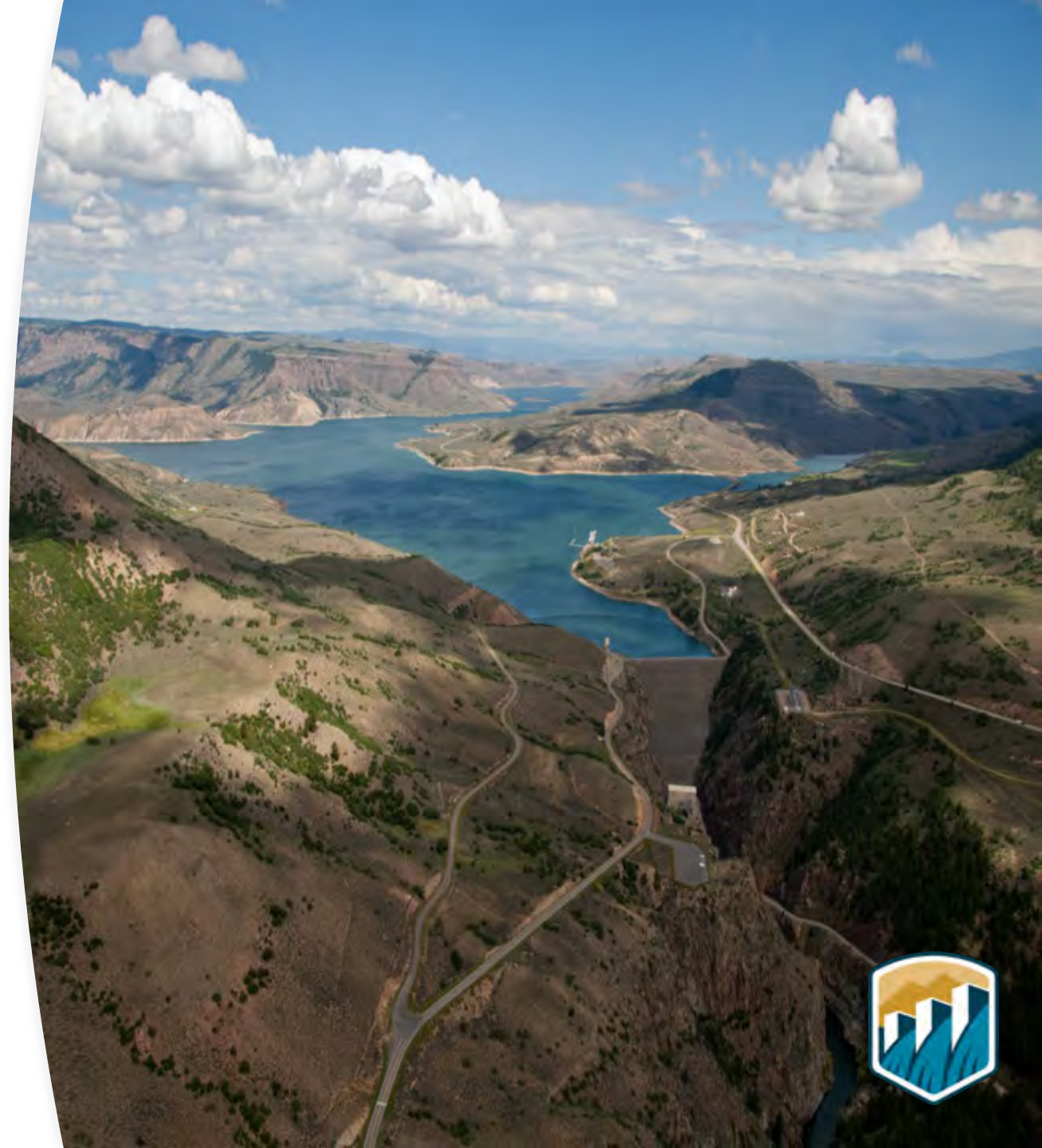




# Basin Study Program

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- Basin Studies
  - Water Management Options Pilots
- Baseline Assessments
- Reservoir Operations Pilots



# Implementation Projects

## Planning

- CWMP Phase I
- Drought Contingency Plans
- Water Marketing Strategy
- Grants

## Science and Tools

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

## On-the-Ground Projects

- CWMP Phase II
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# Water and Energy Efficiency Grants

## Eligible Project Types

- Water and energy efficiency
- Canal lining/piping
- Municipal metering
- Irrigation flow measurement
- Landscape irrigation measures
- Hydropower

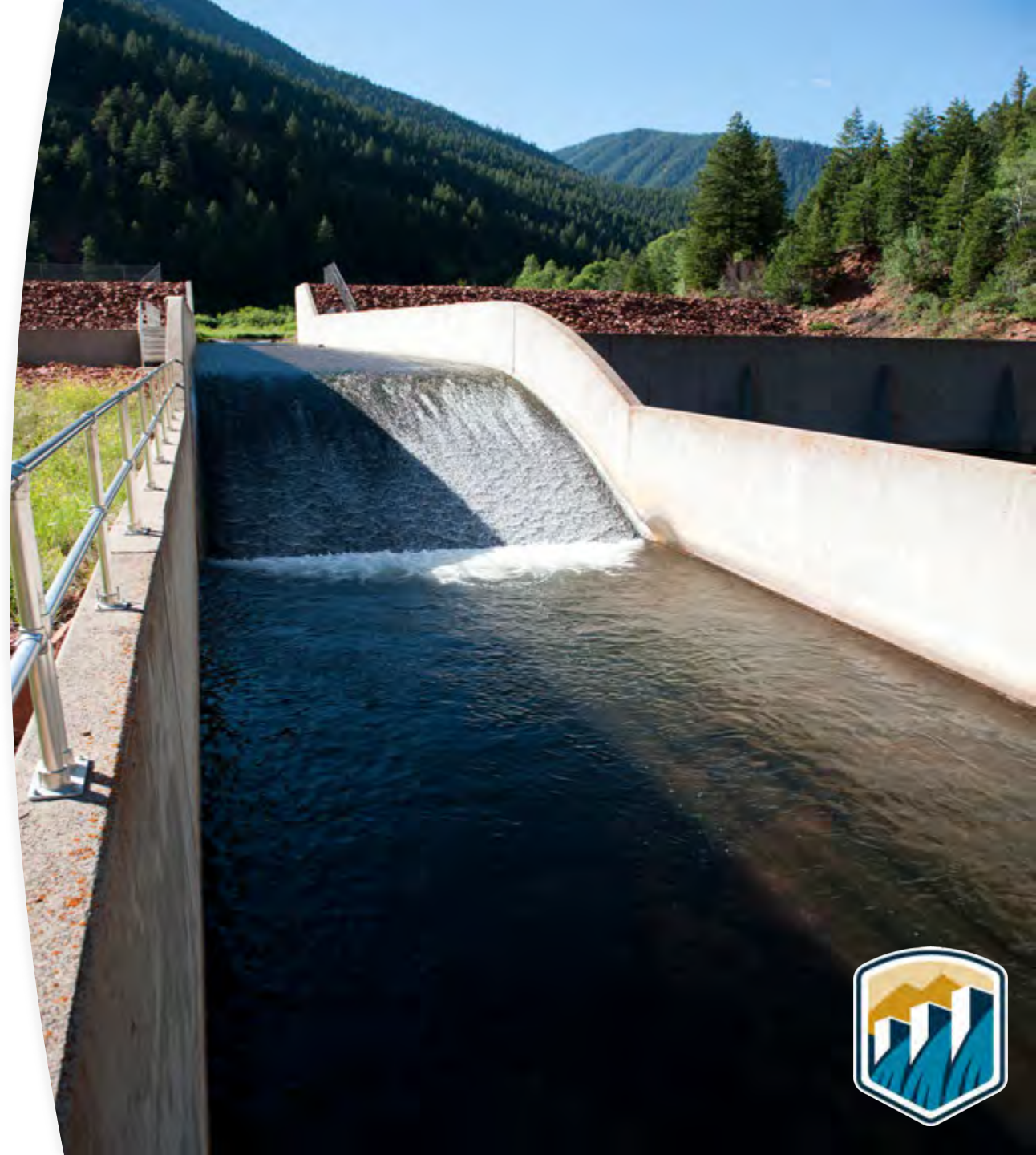
## Funding

- Funding Group I: Up to \$500k in 2 years
- Funding Group II: Up to \$2 million in 3 years

Criteria focus on quantifying water savings

**Proposed revisions currently available for public comment. Comments due June 4, 2021.**

**<https://www.usbr.gov/watersmart/index.html>**



# Small-Scale Water Efficiency Projects

## Eligible Project Types

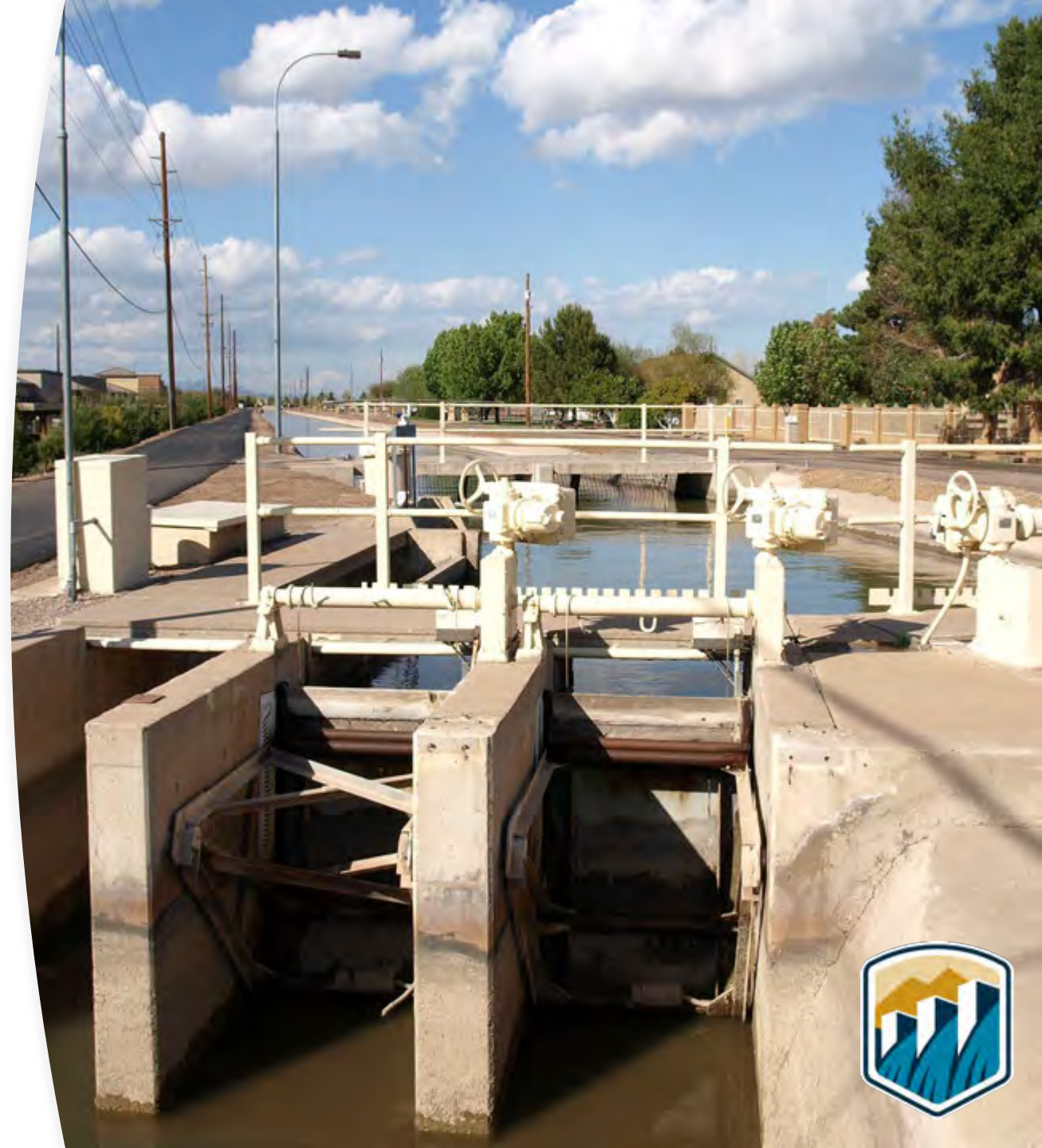
- Canal lining/piping
- Meter and flow measurement (Municipal or Ag)
- Landscape irrigation measures
- SCADA and Automation

## Funding

- Up to \$75k in Reclamation funds
- Maximum total project costs of \$200k per project

## Evaluation Criteria

- Simplified evaluation criteria
- Benefits to applicant
- Previous planning efforts supporting the project





# Drought Response Program

## Drought Resiliency Projects –

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### Eligible Project Types

- Infrastructure Improvements
- New conveyance system components
- Additional water storage
- Recharge facilities
- Capture and treat alternative supplies
- Decision Support Tools & Modeling
- Environmental Protection

### Funding

- Non-Federal Cost Share: 50% or greater.
- Funding Level I: \$500k 2 years
- Funding Level II: \$1.5 million 3 years

**Proposed revisions currently available for public comment. Comments due June 4, 2021.**

<https://www.usbr.gov/watersmart/index.html>



# NEW in 2022!

## Environmental Water Resource Projects

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### Eligible Project Activities

- Broad project eligibility, but focus is on environmental/ecological benefits and multi-benefit projects

### Eligible Applicants

- Broad eligibility that includes:
  - States, tribes, water districts, irrigation districts, other entities with water or power delivery authority
  - Watershed groups, non-profit conservation organizations

**Proposed revisions currently available for public comment. Comments due June 4, 2021.**

**<https://www.usbr.gov/watersmart/index.html>**





# WaterSMART Program Title XVI

2 sub-activities

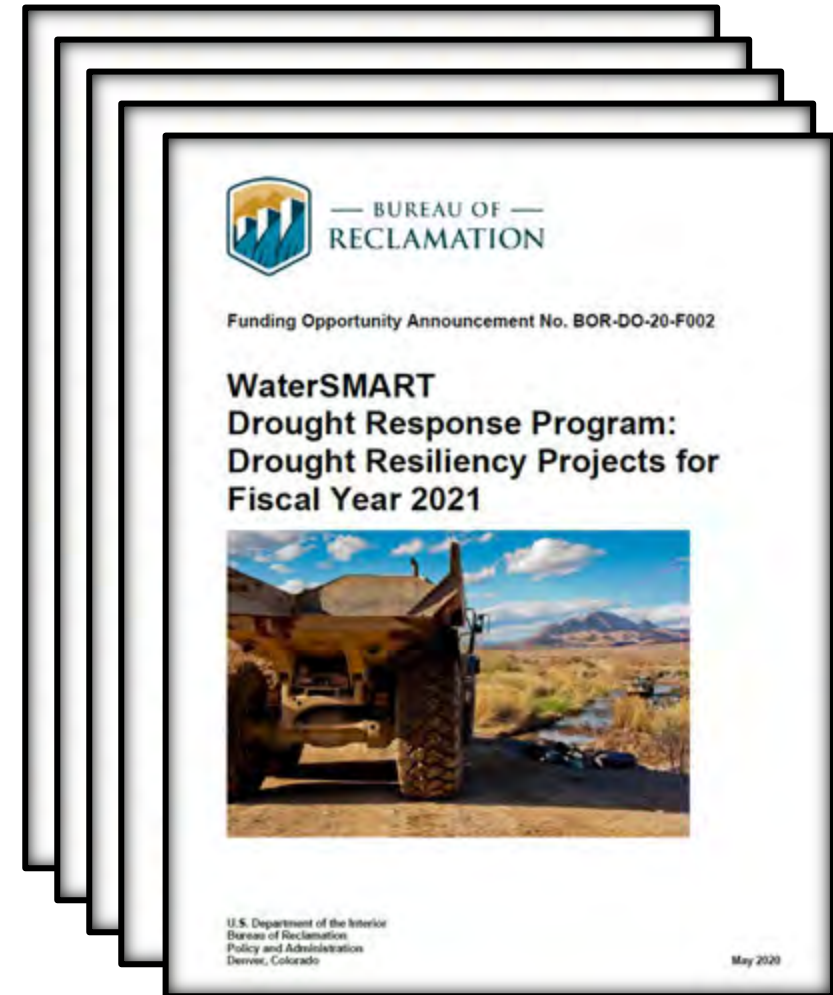
- Water Reclamation and Reuse Research
- Congressionally Authorized and WIIN Act Projects



# Application Tips

Which WaterSMART funding opportunity is right for me?

- The most successful projects are those that fit well with the funding opportunity
- Review the objective of the funding opportunity, the eligible project types and the evaluation criteria carefully to choose the right funding opportunity
- Make sure you present your project in a way that aligns with the funding opportunity. You may want to make minor revisions. E.g., if you will conserve more water by piping over lining, maybe your project could be revised.
- Application Tip: Call the Program Coordinator to discuss which funding opportunity your project fits best under. Look at past successful applications at [www.usbr.gov/WaterSMART](http://www.usbr.gov/WaterSMART)





# Application Tips

## Get Registered

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### Start registrations early – the process takes time

- DUNS (Data Universal Number System) Number: Used to establish a business credit file and required to register in SAM.gov
- SAM.gov (System for Award Management) – required to receive a Federal grant or cooperative agreement. Register in SAM early! It can take up to 6 weeks to get registered and you need to be registered in SAM before registering in grants.gov
- ASAP.gov (Automated Standard Application for Payments) – required to access awarded Federal funds
- Grants.gov: Register in <https://www.grants.gov/> well before the application deadline. This is the best way to submit your application. DO NOT wait to the last minute! Processing issues have occurred that render applications submitted at the last moment ineligible.
- Application Tip: If you are within weeks of the application deadline and you have not registered in grants.gov, plan to submit a hard copy of your application



# Environmental Compliance

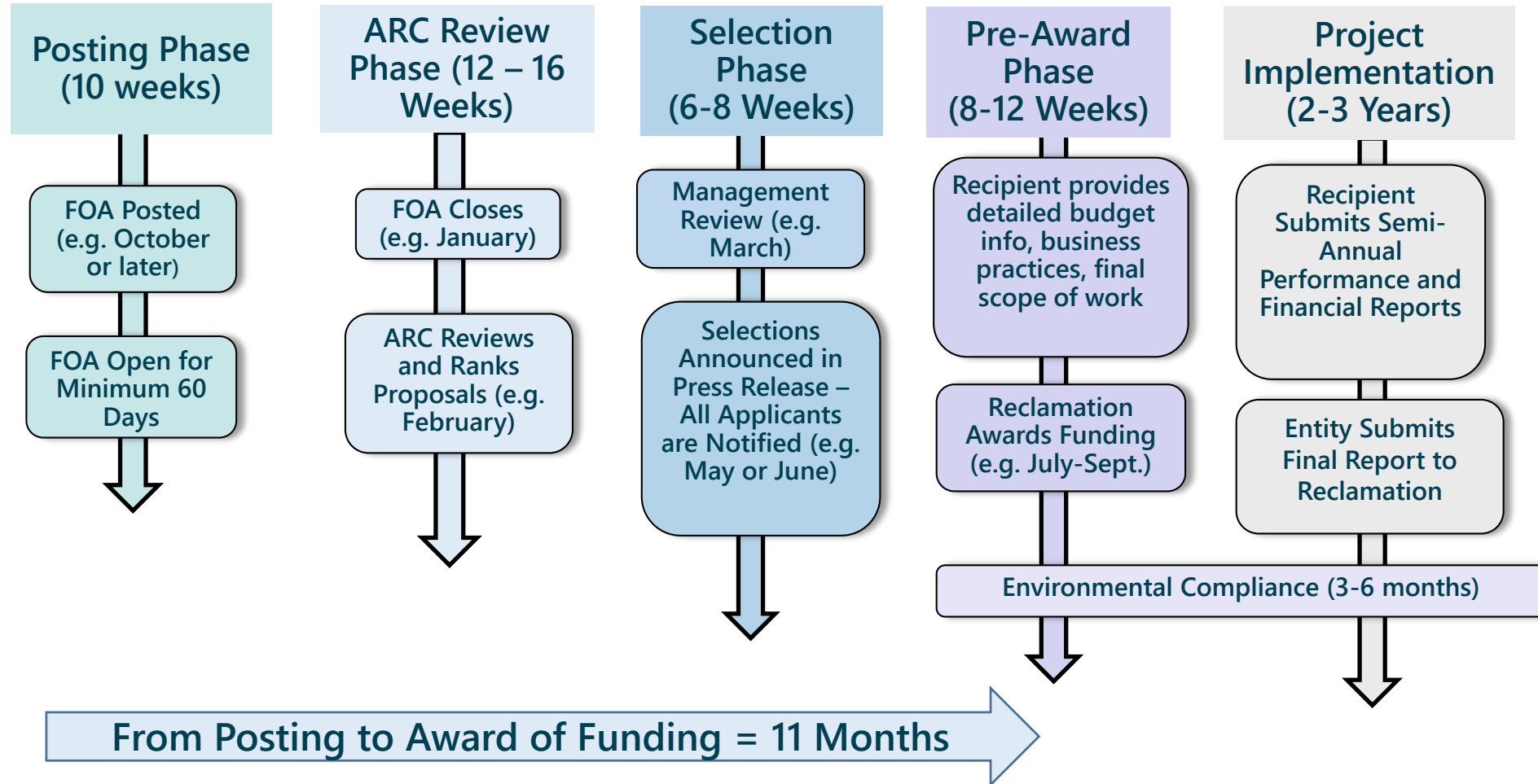
- Reclamation must comply with environmental requirements when awarding financial assistance.
- This includes compliance with the National Environmental Policy Act (NEPA), the Endangered Species Act (ESA), and the National Historic Preservation Act (NHPA), among others.
- All projects – whether they have on-the-ground impacts or not – will require some level of review by Reclamation environmental staff to satisfy applicable environmental requirements.
- Check with your local Reclamation office when you are preparing your proposal to determine level of environmental compliance that may be required.
- Application Tip: Check the budget section of the funding opportunity under which you are applying to determine whether compliance costs estimates should be included in the budget.





# WaterSMART Selection Process

## Sample schedule



# FY2022 WaterSMART Schedule

Funding Opportunity	Post Date	Close Date
Drought Contingency Planning	Expected Fall 2021	Expected Winter 2021/2022
Drought Resiliency Projects	<b>Expected July 2021</b>	Expected Fall 2021
Emergency Response Actions	Applications for emergency drought assistance are accepted on an ongoing basis	
Water and Energy Efficiency Grants	<b>Expected July 2021</b>	Expected Fall 2021
Small-Scale Water Efficiency Projects	Expected Winter 2021/2022	Expected Spring 2022
Water Marketing Strategy Grants	Expected Winter 2021/2022	Expected Spring 2022
Cooperative Watershed Management Program Phase I	Expected Fall 2021	Expected Winter 2021/2022
NEW! Environmental Water Resource Projects	<b>Expected July 2021</b>	Expected Fall 2021
Applied Science Grants	Expected Winter 2021/2022	Expected Spring 2022





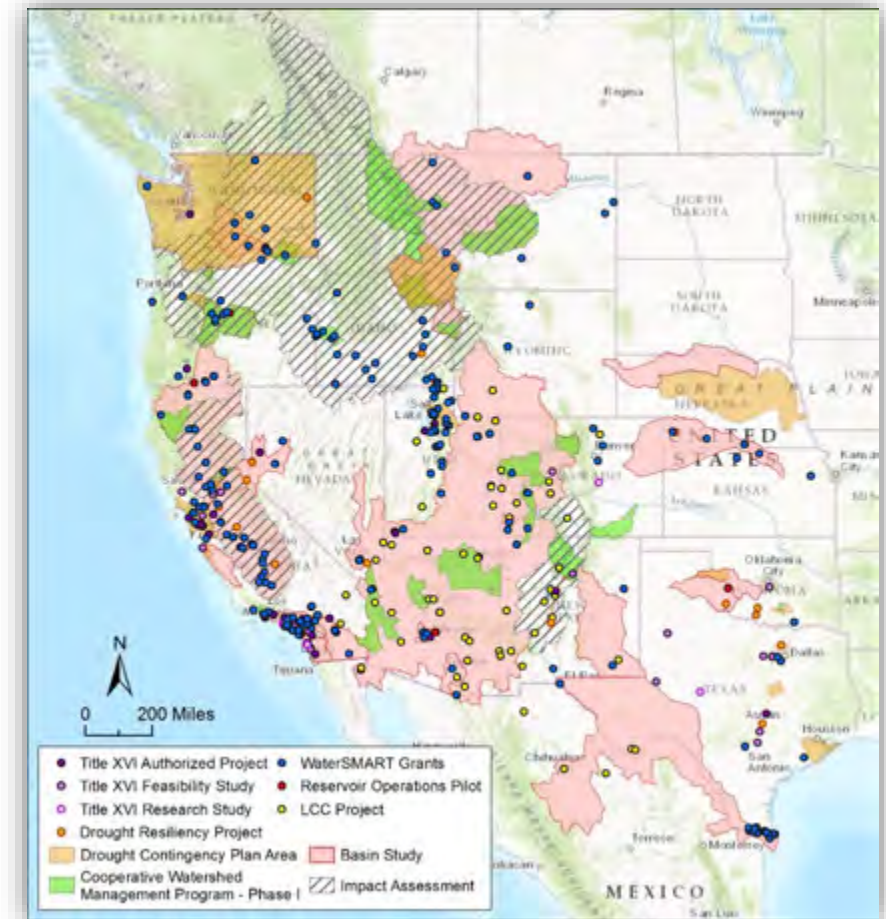
# WaterSMART Data Visualization Tool

- Data visualization site is an interactive companion to this report:

- Interactive maps
- Featured project tours
- Program growth over time

- <https://www.usbr.gov/watersmart/>

- Data Visualization Tool: [arcg.is/1TcT68S](https://arcg.is/1TcT68S)





# WaterSMART Program Web Links

<b>Basin Studies</b>	Basin Studies - <a href="https://www.usbr.gov/watersmart/bsp/index.html">https://www.usbr.gov/watersmart/bsp/index.html</a> Reservoir Operations - <a href="https://www.usbr.gov/watersmart/pilots/index.html">https://www.usbr.gov/watersmart/pilots/index.html</a> Applied Science Tools - <a href="https://www.usbr.gov/watersmart/appliedscience/index.html">https://www.usbr.gov/watersmart/appliedscience/index.html</a>
<b>Title XVI</b>	<a href="https://www.usbr.gov/watersmart/title/index.html">https://www.usbr.gov/watersmart/title/index.html</a>
<b>WaterSMART Grants</b>	Water and Energy Efficiency Grants - <a href="https://www.usbr.gov/watersmart/weeg/index.html">https://www.usbr.gov/watersmart/weeg/index.html</a> Small-Scale Water Efficiency Grants - <a href="https://www.usbr.gov/watersmart/swep/index.html">https://www.usbr.gov/watersmart/swep/index.html</a> Water Marketing Strategy Grants - <a href="https://www.usbr.gov/watersmart/watermarketing/index.html">https://www.usbr.gov/watersmart/watermarketing/index.html</a>
<b>Field Services</b>	<a href="https://www.usbr.gov/waterconservation/">https://www.usbr.gov/waterconservation/</a>
<b>Drought</b>	<a href="https://www.usbr.gov/drought/">https://www.usbr.gov/drought/</a>
<b>CWMP</b>	<a href="https://www.usbr.gov/watersmart/cwmp/index.html">https://www.usbr.gov/watersmart/cwmp/index.html</a>





# Join Our Mailing List/Upcoming Events

Send an email to [watersmart@usbr.gov](mailto:watersmart@usbr.gov) with your name and email address.

Funding Opportunity Announcements can be found at: [www.grants.gov](http://www.grants.gov)





# Thank you! Questions?

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