

Mokelumne – Amador – Calaveras Region
2018 Integrated Regional Water Management Plan Update

Community Meeting

Upper Mokelumne River Watershed Authority (UMRWA)

October 25, 2018

Agenda



Integrated Regional Water Management (IRWM) Program

Mokelumne-Amador-Calaveras (MAC) Region History

2018 MAC Plan Updates

Proposition 1 Grant Opportunity

Q&A



IRWM Program



IRWM Program Began in 2002 to Promote Integrated Planning



- SB1672 - Integrated Regional Water Management Act (September 2002)
 - *Objective:* Encourage local agencies to work cooperatively and create IRWM Plans to manage local and imported water supplies to improve quality, quantity, and reliability
- Followed by grant programs

The Purpose of the IRWM Program is to...



- Increase regional understanding
- Identify water resources solutions
- Define regional needs
- Maximize benefits using resource management strategies
- Build partnerships
- Make eligible for State funding
- Potentially integrate with other planning efforts (e.g., SGMA, AB 3030)



IRWM is a stakeholder process that typically includes the following:



Water and
Wastewater
Agencies

Counties

Cities

Special
Districts

Public Groups

Private
Organizations

Non-Profit
Groups

Members of
the Public

To Participate, an IRWM Plan is Needed



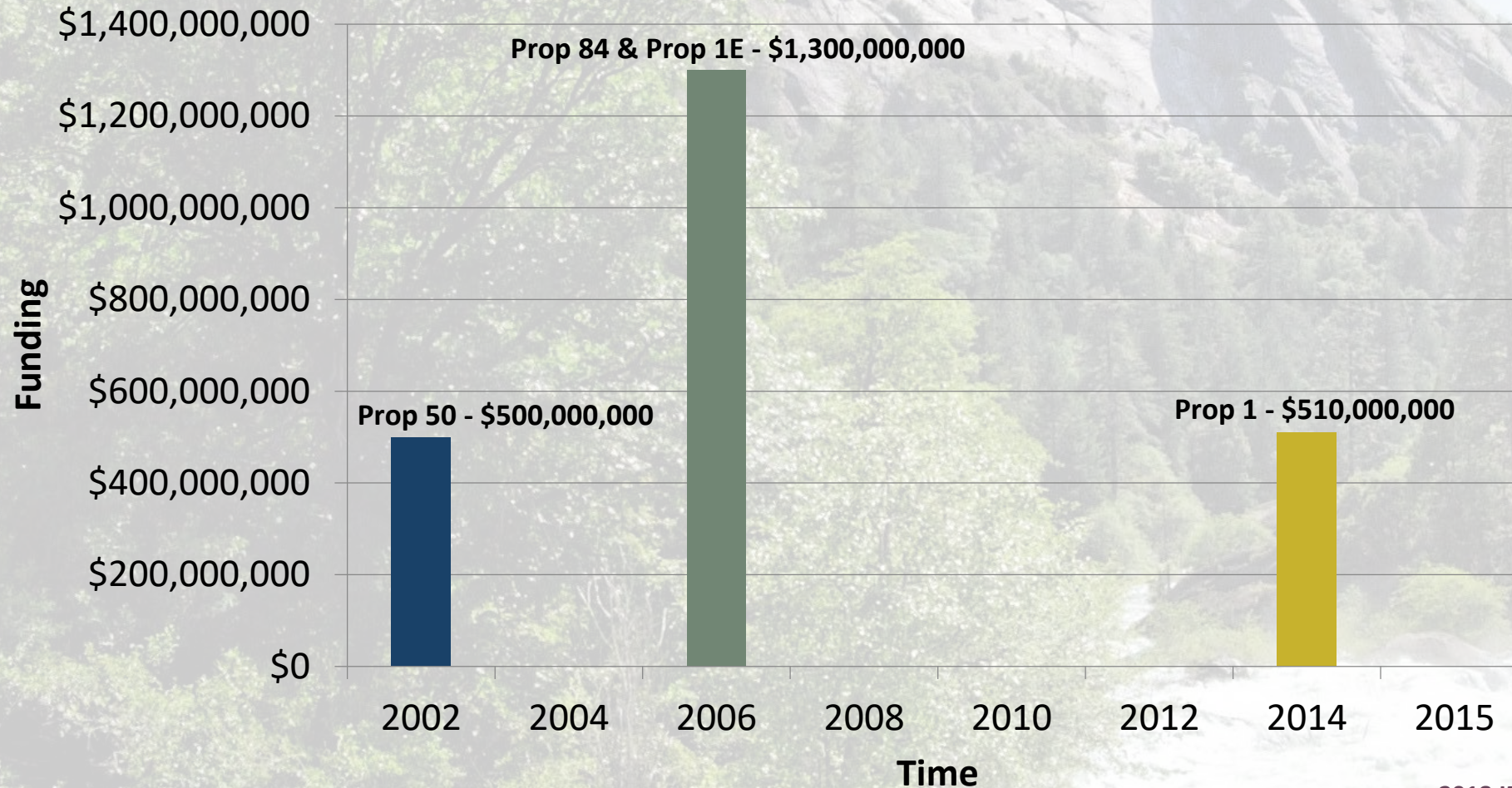
It Is...

- ✓ A high-level planning document
- ✓ A description of water-related resources, challenges, goals, and solutions
- ✓ An opportunity for regional partnerships and coordination
- ✓ Necessary for many State funding sources

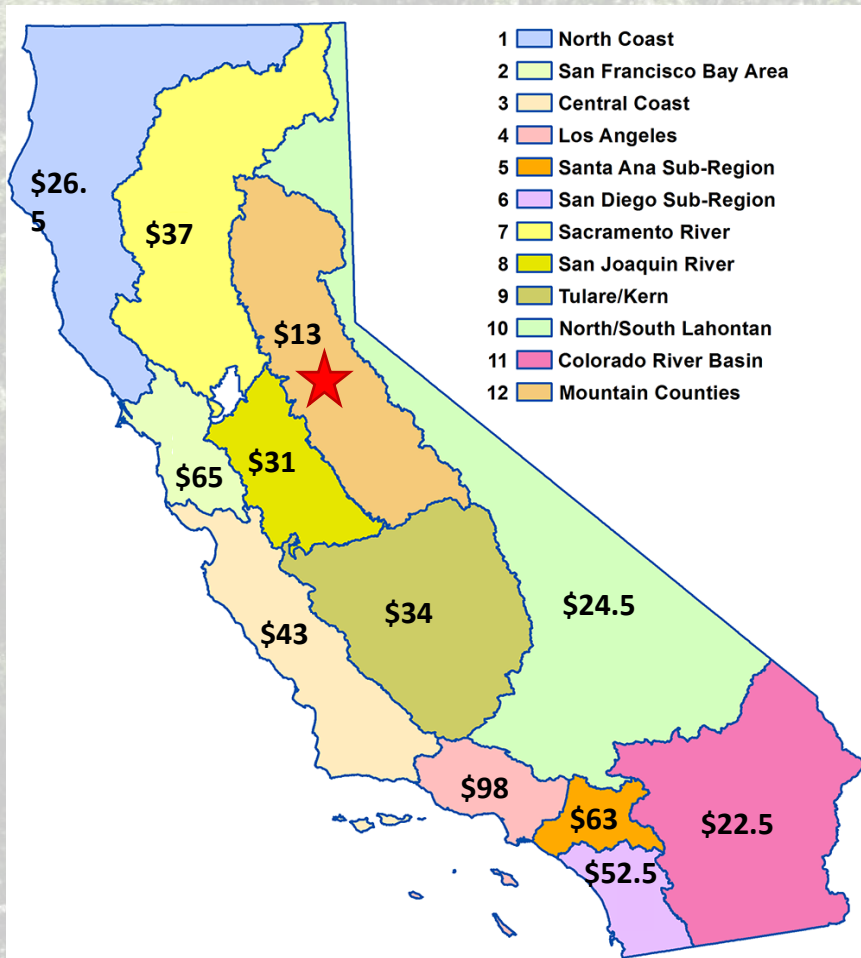
It Is Not....

- ✗ A substitute for local planning
- ✗ A decrease in agency responsibilities or autonomy
- ✗ A policy document
- ✗ A comprehensive project documentation

Since 2002, Legislation has Provided Funding for the Program Three Times



The IRWM Program Divides the State into “Funding Areas” with Allocations

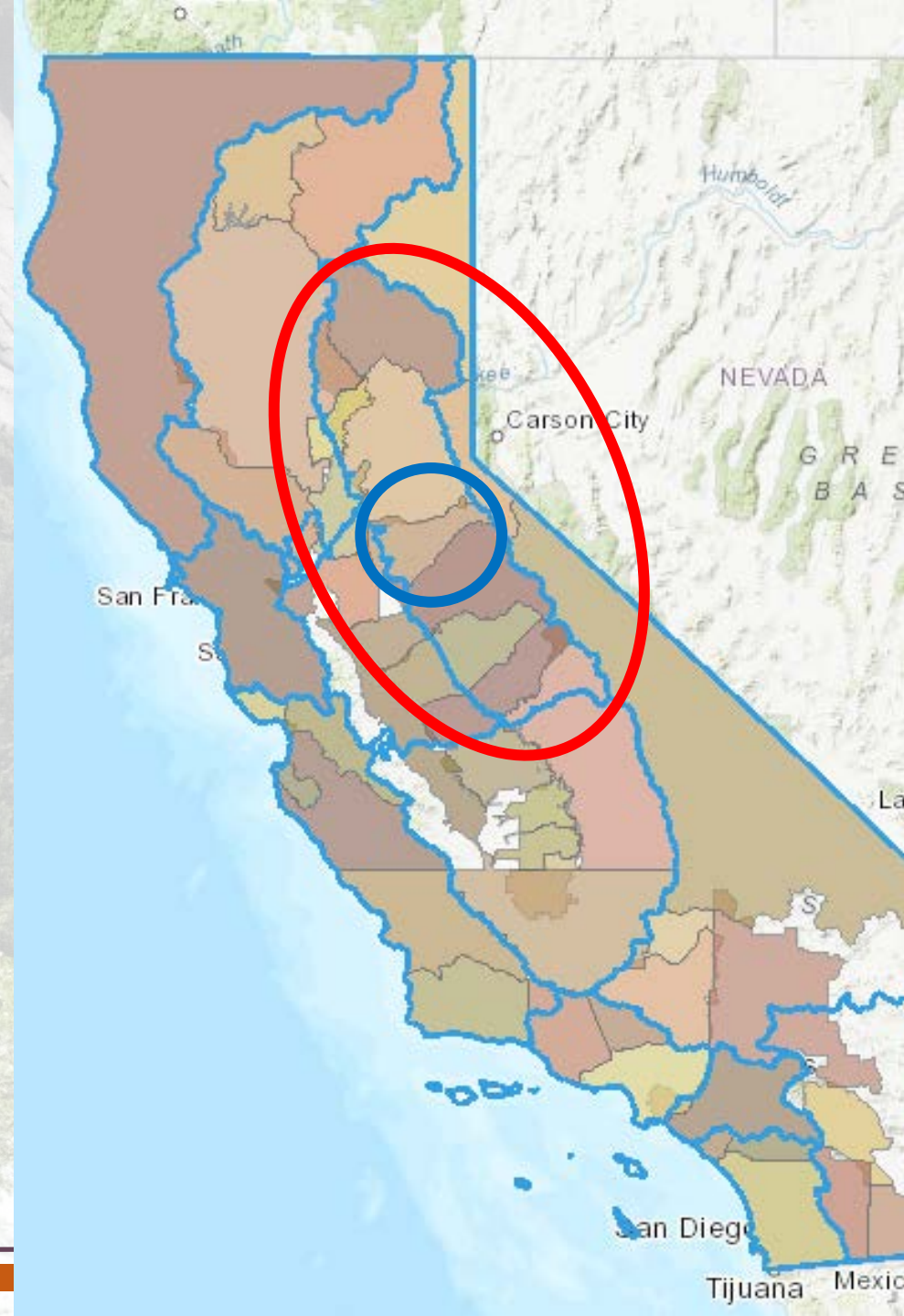


- Funding Areas are further divided into “Regions”
- MAC Region is in Mountain Counties Funding Area

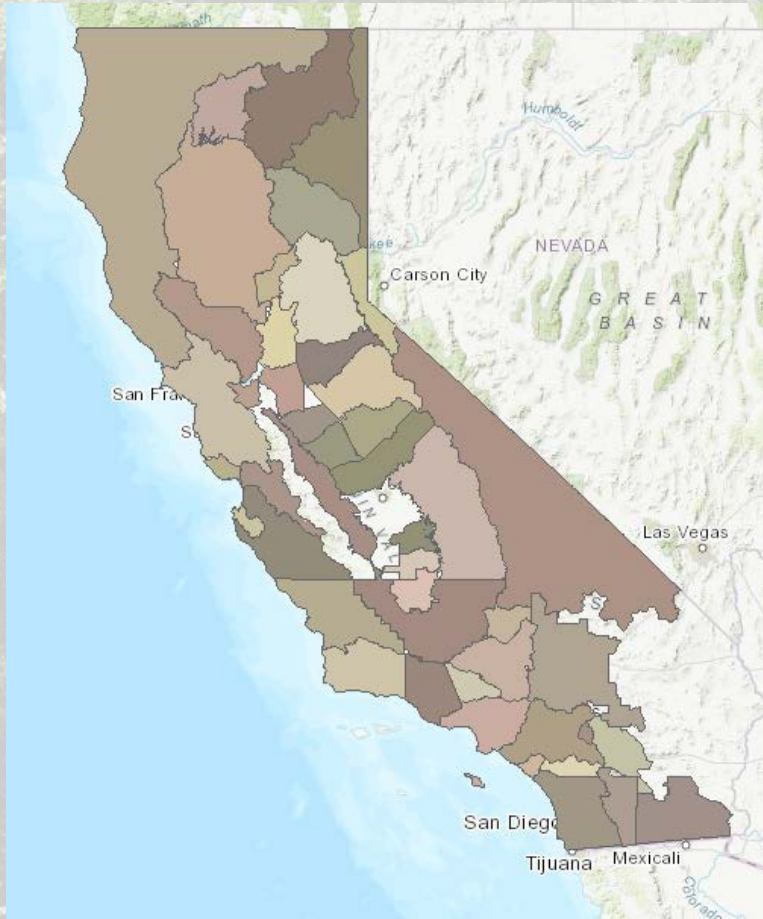
Ten Regions in the Mountain Counties Funding Area Compete for Grant Funding

Regions in the Mountain Counties Funding Area:

- Upper Feather River Watershed
- North Sacramento Valley
- Yuba County
- Cosumnes, American, Bear, Yuba (CABY)
- Mokelumne-Amador-Calaveras (MAC)
- American River Basin
- Tuolumne-Stanislaus (T-Stan)
- Yosemite-Mariposa
- Madera
- Southern Sierra



To be Eligible for Funding, Regions Must:



1. Be approved through a structured Region Acceptance Process (RAP)
2. Be governed by a Regional Water Management Group (RWMG) with statutory authority over water management
3. Prepare an IRWM Plan consistent with program standards



MAC Region History



The MAC Region Went Through the Region Acceptance Process (RAP) in 2009



- The RAP is used to evaluate an IRWM Region and accept it into the IRWM grant program
- The RAP requires:
 - Regional boundary identification and explanation
 - Formation of RWMG
 - Governance structure and process
 - Stakeholder participation
 - Description of water management history and issues
 - Inter-regional coordination
 - Public involvement and access to the RWMG and IRWM Plan



The Upper Mokelumne River Watershed Authority (UMRWA) serves as the MAC Region's RWMG

UMRWA Members:

- Alpine County
- Alpine County Water Agency
- Amador County
- Amador Water Agency
- Calaveras County
- Calaveras County Water District
- Calaveras Public Utility District
- East Bay Municipal Utility District
- Jackson Valley Irrigation District



MAC Region Governance Structure



**UMRWA
Board of Directors**

Serves as the RWMG and governs the Authority and its business. Applies for grant funding on behalf of the Region.



**Board Advisory
Committee**

Advises the Board of all matters related to the MAC Plan, resolves RPC issues, and recommends the MAC Plan to the Board for approval.



**Regional
Participants
Committee**

Serves as the primary advisory body for developing the MAC Plan. Expected to represent the views of their agency, community organization, or interest group.

MAC Region RPC Membership



Amador Fire Safe
Council

Amador Resource
Conservation
District

Amador Tuolumne
Community Action
Agency

Amador Water
Agency

Buena Vista
Rancheria

Calaveras Amador
Forestry Team

Calaveras County
Water District

Calaveras Public
Utility District

East Bay Municipal
Utility District

Foothill
Conservancy

Jackson Valley
Irrigation District

MAC Region Has Won \$11.5M for 3 Planning & 8 Implementation Projects



1. MAC Region IRWM Plan Preparation – UMRWA
2. MAC Region IRWM Plan Update – UMRWA
3. Lake Camanche Tank Rehabilitation and Lateral Replacement Program – Amador Water Agency
4. AWS Leak Detection and Repair Program – Amador Water Agency
5. West Point Water Main & Tank Replacement – Calaveras County Water District
6. Lake Camanche Lateral Replacement Project, Phase 2 – Amador Water Agency
7. Camanche Area Regional Water Supply Project, Phase I – East Bay Municipal Utility District
8. Ponderosa Way Restoration Project – Calaveras County
9. Mokelumne Watershed Interregional Sustainability Evaluation – UMRWA
10. Amador Canal Water Conservation Project – Amador Water Agency
11. Lone Water Treatment Plant Backwash Water Reuse – Amador Water Agency

West Point Water Main & Tank Replacement Project

- Completed 2013
- Total cost \$1.5M, all grant funded
- Replaced over 5,000 feet of water mains and a leaking redwood storage tank



Camanche Area Regional Water Supply Project, Phase I

- Completed 2013
- Total cost \$3M, \$1.4M grant funded
- Constructed a regional water treatment plant at Camanche South Shore to increase water quality supply reliability



Mokelumne Watershed Interregional Sustainability Evaluation (MokeWISE)

- Completed 2015
- Total cost \$1.3M, \$880k grant funded
- Completed holistic assessment of water management options and identified actions with broad support among stakeholders



Ione Water Treatment Plant Backwash Water Reuse Project

- Completed 2017
- Total cost \$3M, \$1.4M grant funded
- Upgraded plant to reclaim and treat 50,000 gallons per day of filter backwash water



2018 MAC Plan Updates



Goals for the 2018 MAC Plan Update

- 1 Update Plan to comply with new requirements
- 2 Update project list to maintain funding eligibility
- 3 Complete MAC Plan Update by December 2018
- 4 Complete MAC Plan Update on budget

Changes to 2012 IRWM Plan Requirements



Updated Code Section

- Updates the code citation for the requirement
- Non-material update

Reduce dependence on Delta supply in Region Description

Clarification

- Provides more clarification to an existing requirement
- May require minor changes to be responsive to additional details

Describe specific water quality conditions like nitrate and arsenic contamination; consider a projects contribution to specific climate change adaptation and mitigation benefits

New

- New requirement not in 2012 Guidelines
- Requires additional work to ensure compliance with 2016 Guidelines

Consider specific objectives related to climate change

What Does an IRWM Plan Include?



IRWM Plan Standards	
Governance	Data Management
Region Description	Finance
Objectives	Technical Analysis
Resource Management Strategies	Relation to Local Water Planning
Integration	Relation to Local Land Use Planning
Project Review Process	Stakeholder Involvement
Impact and Benefit	Coordination
Plan Performance and Monitoring	Climate Change

General MAC Plan Update Process



Update Plan goals, objectives, and project review/prioritization process

Update project list

Make minor edits/confirm other Plan components

Finalize 2018 MAC Plan and submit to DWR

2018 MAC Plan includes 48 Projects



Project types include:

Erosion control & water quality

Water conservation

Recycled water

Habitat enhancement & ecosystem restoration

Potable water conveyance & storage

Wastewater conveyance

Groundwater

Water treatment

Upcoming MAC Plan Schedule



November/December

- Finalize and transmit MAC Plan 2018 Update to DWR

January 2019

- Upper Mokelumne River Watershed Authority adopts 2018 MAC Plan

Spring 2019

- Proposition 1 Grant Process Begins

Summer 2019

- Proposition 1 Grant Applications Due

Proposition 1 Grant Opportunity

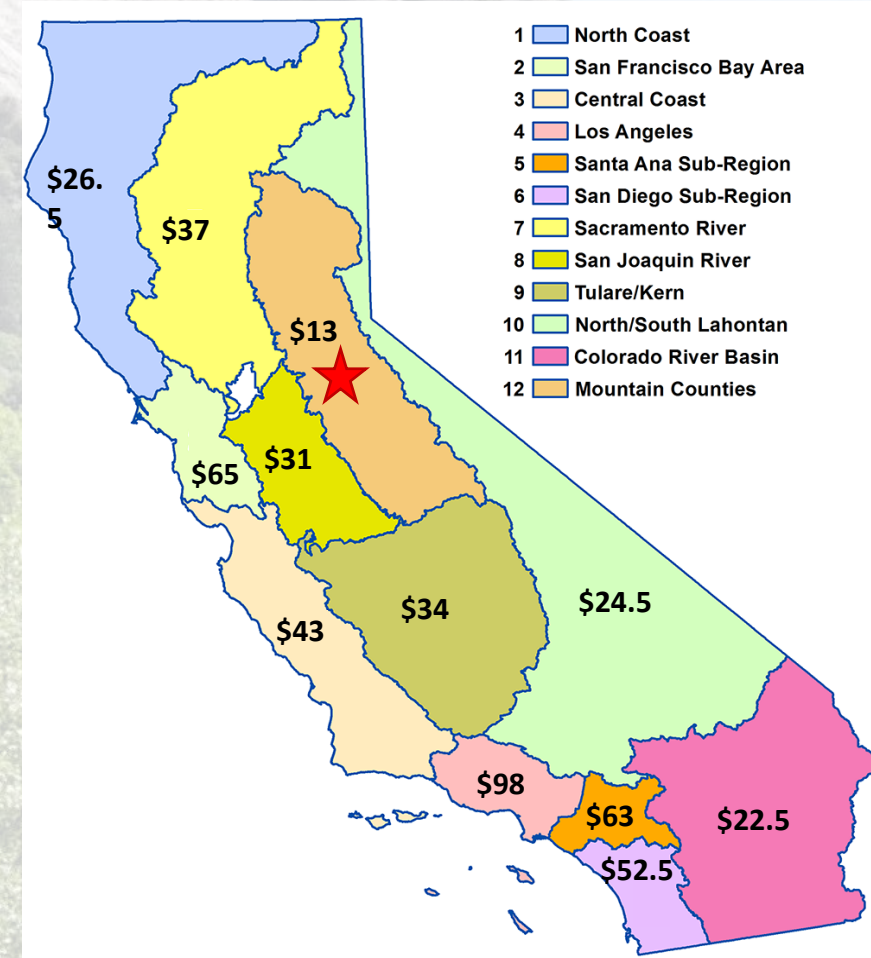
Proposition 1 Grant Opportunity



- Department of Water Resources released a Draft Proposal Solicitation Package in early October
- Eligible projects must:
 - Respond to climate change
 - Contribute to regional water self-reliance
 - Address most critical needs of the IRWM Region

\$13M Available for Mountain Counties Funding Area

- Roughly \$4.5M available in the first Round, due Summer 2019
- Local cost match is 50%
- MAC Region will compete with other Regions for a share of this funding
- Remaining funds available in a second round (not yet announced)



Questions?

More information at: www.umerwa.org/irwm
Plan available at: www.umerwa.org/docs