

IRWM Plan Update 2018

Public Workshop

April 9, 2018 from 5:30 p.m. to 7:00 p.m.

Santa Barbara County Planning Commission
Hearing Room
and
Santa Maria Board of Supervisors Hearing
Room



Welcome, Introductions and Workshop Overview

- Integrated Regional Water Management (IRWM) Plan and IRWM Program
 - Abbreviated History
 - Program Purpose
 - Program Successes
- IRWM Plan Update
 - Need for the Update
 - Section Updates
 - Timeline for Plan
- Disadvantaged Community Involvement Grant
 - Goals of the Grant
 - Projects in Santa Barbara County
- Round 1 of Prop 1 Project Implementation Funding
 - Schedule and Process




Speakers

- Fray Crease, Manager, Santa Barbara County Water Agency
- Jane Gray, Project Manager, Dudek
- Lynn Carlisle, Executive Director, Cuyama Valley Family Resources Center

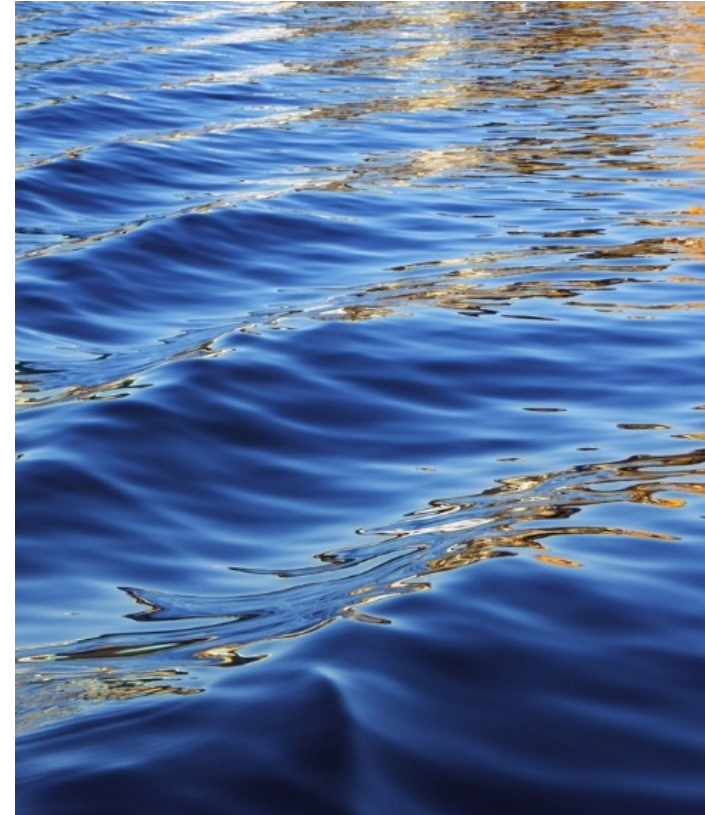


Acronyms

- **AB** = Assembly Bill
- **AWMP** = Agricultural Water Management Plans
- **CAP** = Climate Action Plan
- **CC** = Climate Change
- **CCFA** = Central Coast Funding Area
- **CEQA** = California Environmental Quality Act
- **CIP** = Capital Improvement Plan
- **CP** = Cooperating Partners (the SB IRWM region's RWMG)
- **DAC** = Disadvantaged Community
- **DACI** = Disadvantaged Community Involvement
- **DWR** = California Department of Water Resources
- **EDA** = Economically Distressed Area
- **GHG** = Greenhouse Gases
- **GWMP** = Groundwater Management Plan
- **GSA** = Groundwater Sustainability Agency
- **GSP** = Groundwater Sustainability Plan
- **IRWM** = Integrated Regional Water Management
- **IRWMP** = Integrated Regional Water Management Plan
- **MOU** = Memorandum of Understanding
- **NGO** = Non-Governmental Organization
- **PSP** = Proposal Solicitation Package
- **RWMG** = Regional Water Management Group
- **SB** = Senate Bill
- **SDAC** = Severely Disadvantaged Community
- **SLR** = Sea Level Rise
- **UWMP** = Urban Water Management Plan



What is Integrated Regional Water Management (IRWM)?



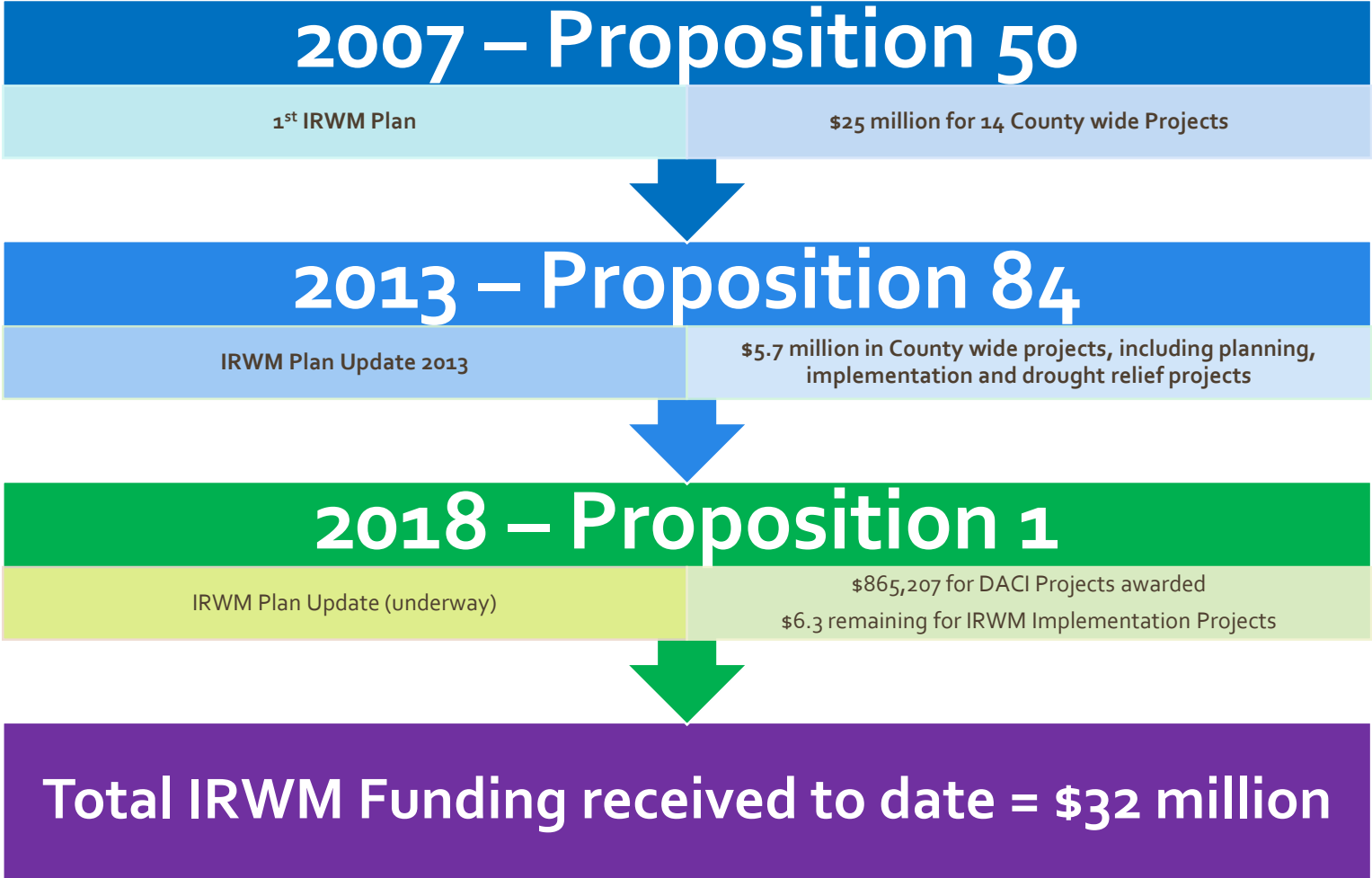
Integrated Regional Water Management

Integrated Regional Water Management (IRWM) is a collaborative effort to identify and implement water management solutions on a regional scale that increase regional self-reliance, reduce conflict, and manage water to concurrently achieve social, environmental, and economic objectives. *(Definition according to the California Department of Water Resources [DWR]).*

Fast Facts:

- Santa Barbara IRWM Region is coterminous with jurisdictional boundaries of Santa Barbara County.
- Santa Barbara IRWM is governed by an MOU among the Cooperating Partners.
- Cooperating Partners = 27 agencies county wide (water, wastewater, community services districts, all incorporated cities, NGOs, and county departments).
- The Santa Barbara IRWM Region is part of the Central Coast Funding Area (CCFA), which includes 5 IRWM Regions:
 - San Luis Obispo County IRWM
 - Greater Monterey County IRWM
 - Monterey Peninsula IRWM
 - Pajaro River Watershed IRWM
 - Santa Cruz County IRWM

IRWM in the Region – History and Successes





IRWM Plan Update 2018



SANTA BARBARA COUNTY IRWM PLAN
UPDATE 2018



Prepared for :

SANTA BARBARA COUNTY IRWM COOPERATING PARTNERS



DWR's 2016 IRWM Program Guidelines

IRWM Plan Standards

Governance

Region Description

Objectives

Resource Management Strategies

Integration

Project Review Process

Impact and Benefit

Plan Performance and Monitoring

Data Management

Finance

Technical Analysis

Relation to Local Water Planning

Relation to Local Land Use Planning

Stakeholder Involvement

Coordination

Climate Change

SANTA BARBARA COUNTY IRWM PLAN
UPDATE 2018



Prepared for :

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DWR's 2016 IRWM Program Guidelines

Relevant Legislation and Executive
Orders

AB 685

AB 52

AB 1249

AB 1739

Executive Order B-29-15

AB 1755

SB 985

SB 208

DWR's Plan Standards – Needed Updates

Governance

- *New agencies have become Cooperating Partners and therefore did not adopt the 2013 Plan*
- *GSA's have been formed*

Region Description

- *Inclusion of GSA areas*
- *Accurate characterization of the social/cultural make-up of the region*
- *More detailed and accurate characterization of DACs, SDACs, and EDAs*

Objectives

- *More specific objectives related to Climate Change, SLR, GHG, AB 32, and carbon sequestration*

Resource Management Strategies

- *Climate adaptation measures*
- *Updates from the CA Water Plan*

Integration

- *How is project integration accomplished?*

Project Review Process

- *Discussion of criteria and process to select projects for funding*

DWR's Plan Standards – Needed Updates

Impact and Benefit

- *Specific discussion of the impacts/benefits of Plan implementation on the watersheds, the region, inter-regional collaboration*

Plan Performance and Monitoring

- *Update performance measures and monitoring methods to ensure Plan Objectives are being directly met*
- *Describe methodology for evaluating and monitoring the Cooperating Partners' ability to meet the IRWM Plan objectives and implement projects in the Plan*
- *Update policies and procedures to promote adaptive management*
- *Tools for effective project implementation and conditions change and more information becomes available*

Data Management

- *Update to reflect process of data collection, storage, and dissemination of information/data to Cooperating Partners, stakeholders, public and state agencies*

Finance

- *Program funding and leveraging project funding*

Technical Analysis

- *Update basis of technical analyses*

DWR's Plan Standards – Needed Updates

Relation to Local Water Planning

- *Incorporation of relevant policy information and data from apposite documents and sources, i.e. UWMPs, GWMPs, Water Supply Master Plans, CIPs, GSPs, Water Elements, General Plans, etc.*

Relation to Local Land Use Planning

- *Incorporation of relevant policy information and data from apposite documents and sources, i.e. General and Specific Plans, Community Plans, Watershed Plans, etc.*

Stakeholder Involvement and Engagement

- *More effective communication and education through more diverse forums and suitable languages*

Coordination

- *Enhanced collaboration inter- and intra-regionally to meet IRWM goals and objectives*

Climate Change

- *Update discussion of vulnerabilities, adaptation measures, mitigation and measurability*

Legislative Requirements – Needed Updates

AB 685

- *Establishes State Policy that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.*

AB 52

- *Requires the CEQA lead agency to consider effects on tribal cultural resources and conduct consultation with California Native American tribes.*

AB 1249

- *Requires IRWM regions with nitrate, arsenic, perchlorate, or hexavalent chromium contamination to include specific information in their IRWM Plan regarding the location, impact, actions, and needed actions to address the contamination. It also requires applications from these IRWM regions to include information regarding how projects in the application will address these contaminations and if there are not projects, to explain why not.*

AB 1739

- *SGMA creates a framework for sustainable, local groundwater management by requiring local agencies to establish a new governance structure, known as Groundwater Sustainability Agencies, prior to developing groundwater sustainability plans for groundwater basins or sub-basins.*

Legislative Requirements – Needed Updates

Executive Order B-29-15

- *Requires agricultural water suppliers that supply water to more than 25,000 acres to include in their required 2015 Agricultural Water Management Plans (AWMP) a detailed drought management plan that describes the actions and measures the supplier will take to manage water demand during drought.*

SB 985

- *Requires development of a stormwater resource plan and compliance with these provisions to receive grants for stormwater and dry weather runoff capture projects from a bond act approved by voters after January 1, 2014.*

SB 208

- *Requires a Regional Water Management Group (RWMG), within 90 days of notice that a grant has been awarded, to provide DWR with a list of projects that benefit a DAC or where the project proponent is a nonprofit organization or a DAC. Within 60 days of receiving the project information, DWR is to provide advanced payment of 50% of the grant award.*



Climate Change

Climate Change – Needed Updates Per DWR's Plan Standards

Adaptation

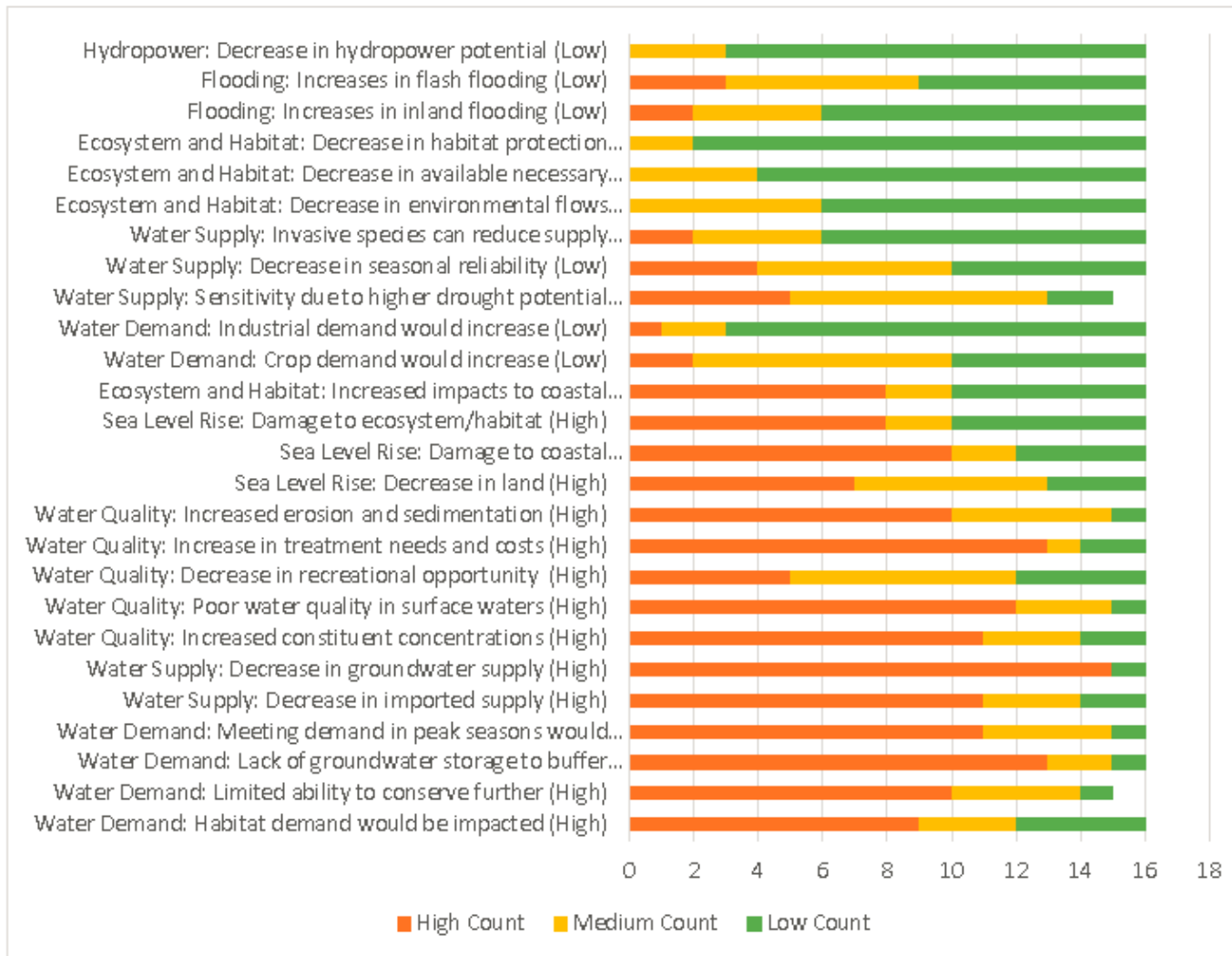
- *Identify effects of CC in the IRWM Region*
- *Evaluation and prioritization of vulnerabilities*
- *Identification of potential adaptation responses and feasibility in addressing vulnerabilities*
- *Consideration of and adaptation to changes in the amount, intensity, timing, quality, variability of runoff, and recharge*
- *Consideration of SLR on water supply conditions and identification of adaptation measures*
- *Plan/Program/Methodology for data gathering and analysis of prioritized vulnerabilities*

Mitigation

- *Consideration of GHG emissions when choosing projects*

Climate Change

IRWM Survey to the Cooperating Partners



Climate Change

IRWM Survey to the Cooperating Partners

Very High Priority Vulnerabilities

Water Supply: Decrease in groundwater supply

Water Demand: Lack of groundwater storage to buffer drought

Water Quality: Poor water quality in surface waters

- Water Quality: Increase in treatment needs and costs
- Water Quality: Increased constituent concentrations

Water Quality: Poor water quality in Groundwater

- Water Quality: Increase in treatment needs and costs
- Water Quality: Increased constituent concentrations

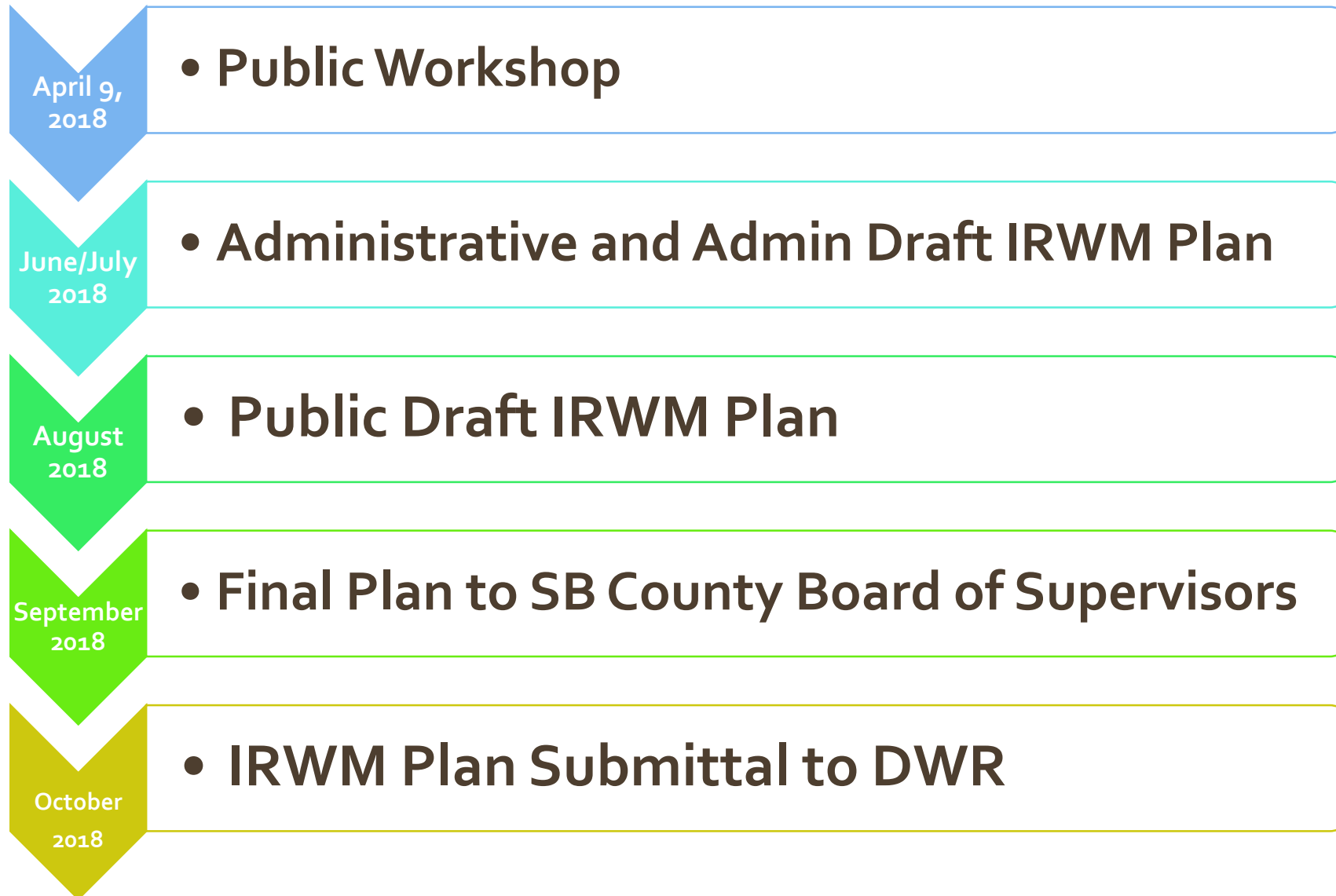
Water Quality: Increased erosion and sedimentation

Water Supply: Sensitivity due to higher drought potential



IRWM Plan Update 2018 - Schedule

IRWM Plan Timeline - Draft, Final, Adoption, Submittal





DACI Grant

DACI Grant - Purpose

Water Code Section 74754

- *Requires DWR to expend not less than 10% of the Proposition 1, Chapter 7 funds authorized for the IRWM Grant Program for the purpose of ensuring involvement of disadvantaged communities (DACs), economically distressed areas (EDAs), or underrepresented communities (in this document collectively referred to as DACs) in IRWM planning efforts.*

DWR Developed the Disadvantaged Community Involvement (DACI) Grant to support the following objectives

- *Work collaboratively to involve DACs, community-based organizations, and stakeholders in IRWM Planning efforts to ensure balanced access and opportunity for participation in the IRWM planning process.*
- *Increase the understanding, and where necessary, identify the water management needs of DACs on a Funding Area basis.*
- *Develop strategies and long-term solutions that appropriately address the identified DAC water management needs.*

DACI Grant – Projects in SB County IRWM

Projects within two selected Communities

- *City of Guadalupe*
- *Cuyama Valley*

DACI Activities (Projects):


- *Needs Assessment*
- *Educational Activities*
- *IRWM Engagement Efforts*
- *Technical Assistance*
- *Project Development Activities*

DACI Project Partner in Guadalupe

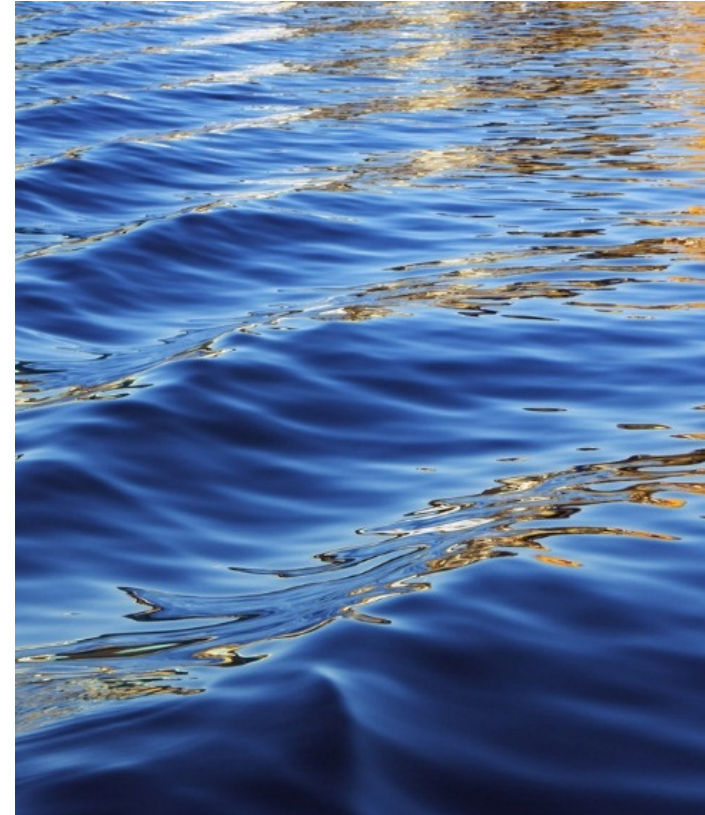
- *City of Guadalupe*

DACI Project Partners in the Cuyama Valley

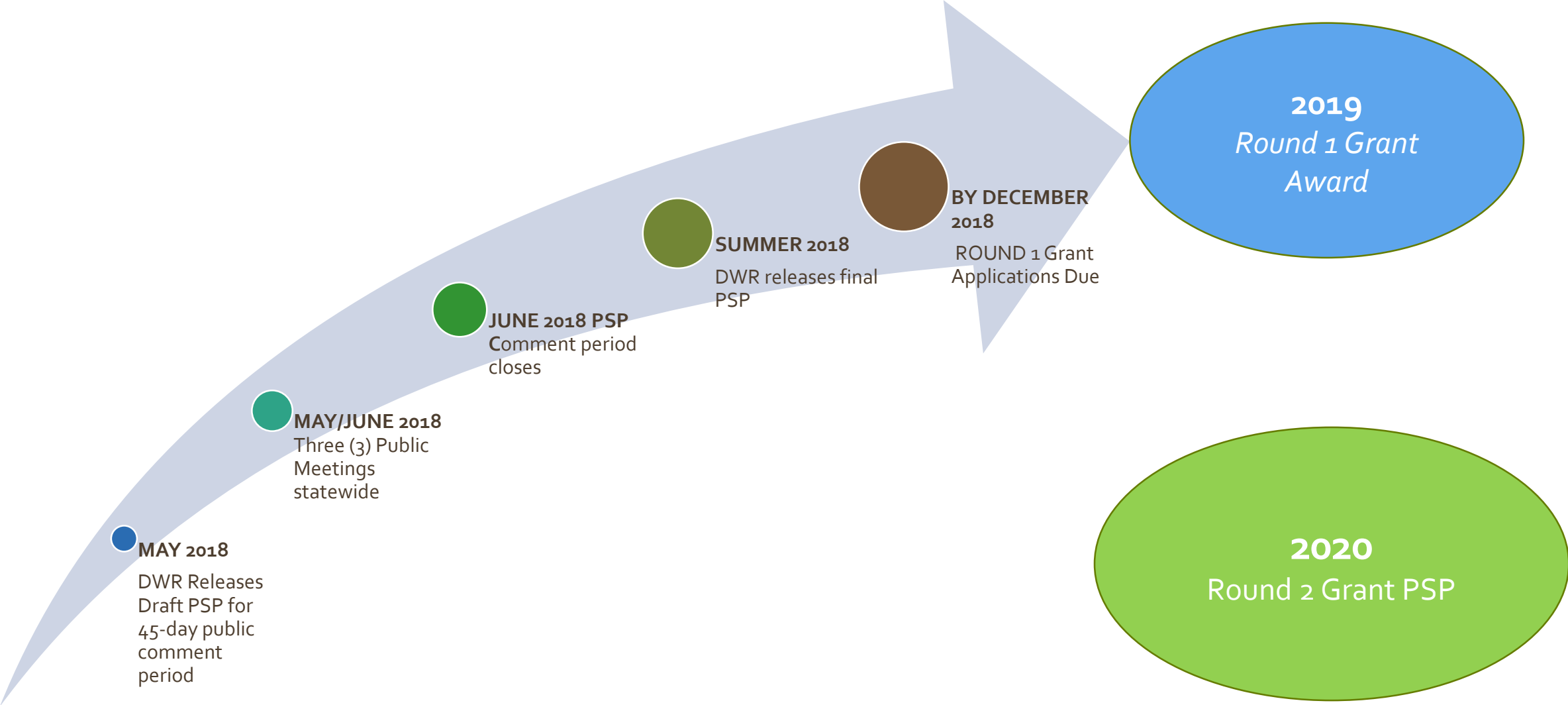
- *Cuyama Community Services District*
- *Cuyama Valley Community Association and the Cuyama Valley Family Resources Center*
- *Department of Anthropology, University of California at Santa Barbara*



IRWM Implementation Funding



Anticipated Grant Schedule from DWR



QUESTIONS



Thank You!



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<http://cosb.countyofsb.org/irwmp/>