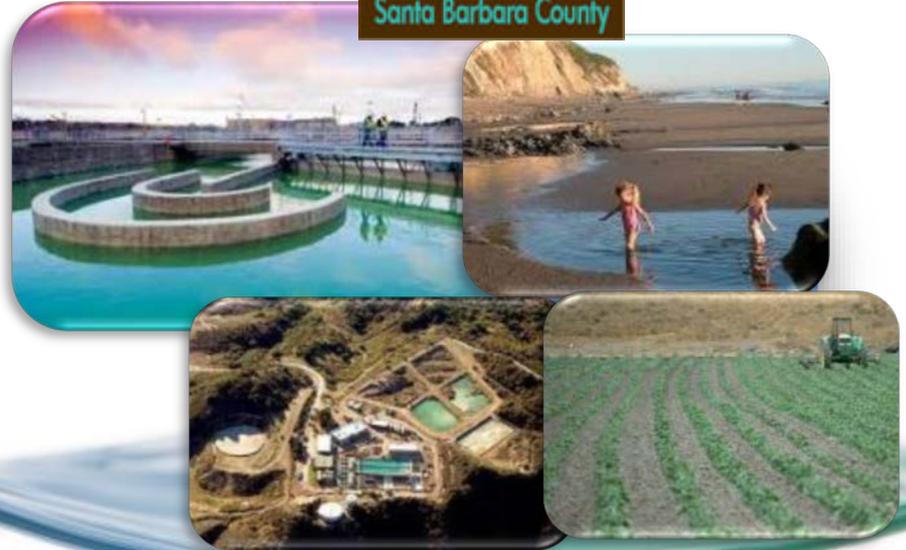


# Santa Barbara County IRWM

Cooperating Partners of the Santa Barbara County IRWM  
All Watersheds Meeting  
Thursday, February 22, 2018, 1:00 am to 2:30 pm  
City Council Chambers, City of Solvang  
1644 Oak St. Solvang, CA 93463



# Agenda – IRWM –All Watersheds

- 💧 **Welcome**
- 💧 **Introductions**
- 💧 **DACI Grant Update**
- 💧 **Overview of Plan Update**
  - 💧 **Survey Monkey on Climate Change and Projects**
  - 💧 **Plan Sub-Committee Meetings in March**
  - 💧 **Cooperating Partners Meeting in March**
  - 💧 **Public Workshop in April**
  - 💧 **Cooperating Partners Meetings/Sub-Committee Meetings in May and June**
  - 💧 **Admin Draft Plan in July**
  - 💧 **Final Cooperating Partners Review in August**
  - 💧 **Anticipated BOS date for Final Plan in September**
  - 💧 **DWR Submittal (anticipated) in September**
- 💧 **Implementation Round Update**
  - 💧 **Anticipated Draft PSP in June**
  - 💧 **Projects' Meeting in June and July**
- 💧 **MOU Update**
- 💧 **Next Meeting**
- 💧 **Next Steps**



# **DAC Involvement – Activities and Funding**

- 💧 **Santa Cruz Foundation, Grantee for the DACI Grant, has signed grant agreement with DWR**
- 💧 **Santa Barbara IRWM is finalizing contract with the Santa Cruz Foundation**
- 💧 **Funding for City of Guadalupe and Cuyama Valley**
- 💧 **Total amount secured: \$865,205.93**
  - 💧 **Cuyama CSD: Community Outreach and Engagement; Facilities Optimization Master Plan and Hydrogeological Study (\$319,896)**
  - 💧 **City of Guadalupe: Water Distribution, Sewer Collection, and Wastewater Treatment System Improvements (\$440,337)**
  - 💧 **UCSB: Cuyama Valley Needs Assessment (\$104,974)**

**Any Questions?**



# Plan Update

## 2016 Integrated Regional Water Management Grant Program Guidelines

Volume 2 – IRWM Planning Standards  
July 2016



CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
DIVISION OF  
INTEGRATED REGIONAL WATER MANAGEMENT



# **SURVEY MONKEY**

**💧 YOUR INPUT IS NEEDED ON:**

**💧 Resource Management Strategies**

**💧 Sediments and Sedimentation**

**💧 Climate Change**

**💧 Projects**

**The Survey will be sent in March, PLEASE, take 10 minutes to fill it out.**

**Thank you!**

# 2016 IRWM Program Guidelines (Volume 1)

## 💧 Relevant Legislation and Executive Orders applicable to IRWM:

- 💧 **AB 685 (Eng, Chapter 524, Statutes of 2012) – Establishes State Policy that every human being has that right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.**
- 💧 **AB 52 (Gatto, Chapter 532, Statutes of 2014) – Public Resources Code §21080.3.1 – requires the California Environmental Quality Act (CEQA) lead agency to consider project effects on tribal cultural resources and to conduct consultation with California Native American tribes.**
- 💧 **AB 1249 (Salas, Chapter 717, Statues 2014) – Water Code §10541 – requires IRWM regions with nitrate, arsenic, perchlorate, or hexavalent chromium contamination to include specific information in their IRWM plan regarding the location, impacts, actions, and needed action to address the contaminations. It also requires applications from these regions to include information regarding how the project(s) in their grant application helps to address the contamination or an explanation why the application does not include such project(s).**

# 2016 IRWM Program Guidelines (Volume 1)

- 💧 **New Relevant Legislation and Executive Orders applicable to IRWM:**
  - 💧 **AB 1739 (Dickinson, Chapter 347, Statutes of 2014), SB 1168 (Pavley, Chapter 346), SB 1319 (Pavley, Chapter 348) collectively referred to as the Sustainable Groundwater Management Act (SGMA). SGMA allows local agencies to customize groundwater sustainability plans to their regional economic and environmental needs. 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.**
  - 💧 **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.**

# 2016 IRWM Program Guidelines (Volume II)

## 💧 IRWM Plan Standards (in brief)

Table 1 – IRWM Plan Standards	
<ul style="list-style-type: none"><li>◆ Governance</li><li>◆ Region Description</li><li>◆ Objectives</li><li>◆ Resource Management Strategies (RMS)</li><li>◆ Integration</li><li>◆ Project Review Process</li><li>◆ Impact and Benefit</li><li>◆ Plan Performance and Monitoring</li></ul>	<ul style="list-style-type: none"><li>◆ Data Management</li><li>◆ Finance</li><li>◆ Technical Analysis</li><li>◆ Relation to Local Water Planning</li><li>◆ Relation to Local Land Use Planning</li><li>◆ Stakeholder Involvement</li><li>◆ Coordination</li><li>◆ Climate Change</li></ul>

💧 **Santa Barbara IRWM Region must update **each** of the sections named above.**

# 2016 IRWM Program Guidelines (Volume II)

## 💧 Examples of needed updates:

### 💧 Governance:

- 💧 **new agencies have become Cooperating Partners and others have not adopted the current Plan**

### 💧 Region Description:

- 💧 **inclusion of GSAs and the areas each GSA is managing**
- 💧 **accurate description of the social/cultural makeup of the region**
- 💧 **updated and accurate discussion, characterization of challenges and current efforts related to EDAs/DACs/SDACs**
- 💧 **updated narrative on water supply demands over a 20-year planning horizon**

### 💧 Objectives:

- 💧 **inclusion of more specific objectives related to Climate Change, sea-level rise (SLR), GHG reduction AB 32 and ARB strategies, carbon sequestration, etc.**

# 2016 IRWM Program Guidelines (Volume II)

## Examples of needed updates:

### Resource Management Strategies (RMS):

- **Effects of Climate Change (CC) and updates from the CA Water Plan Update**
- **Demonstration of how CC is addressed in the RMS**
- **Evaluation of how the RMS and other strategies will reduce or eliminate the impacts of CC**

Table 2 – CA Water Plan Update 2013 Resource Management Strategies	
<ul style="list-style-type: none"> <li>◆ Agricultural Water Use Efficiency</li> <li>◆ Urban Water Use Efficiency</li> <li>◆ Crop Idling for Water Transfers</li> <li>◆ Irrigated Land Retirement</li> <li>◆ Conveyance – Delta</li> <li>◆ Conveyance – Regional/local</li> <li>◆ System Reoperation</li> <li>◆ Water Transfers</li> <li>◆ Flood Risk Management</li> <li>◆ Agricultural Lands Stewardship</li> <li>◆ Economic Incentives (Loans, Grants and Water Pricing)</li> <li>◆ Ecosystem Restoration</li> <li>◆ Forest Management</li> <li>◆ Recharge Area Protection</li> <li>◆ Sediment Management*</li> <li>◆ Outreach and Engagement*</li> </ul>	<ul style="list-style-type: none"> <li>◆ Conjunctive Management and Groundwater Storage</li> <li>◆ Desalination</li> <li>◆ Precipitation Enhancement</li> <li>◆ Recycled Municipal Water</li> <li>◆ Surface Storage – CALFED</li> <li>◆ Surface Storage – Regional/local</li> <li>◆ Drinking Water Treatment and Distribution</li> <li>◆ Groundwater Remediation/Aquifer Remediation</li> <li>◆ Land Use Planning and Management</li> <li>◆ Matching Quality to Use</li> <li>◆ Pollution Prevention</li> <li>◆ Salt and Salinity Management</li> <li>◆ Urban Runoff Management</li> <li>◆ Water-Dependent Recreation</li> <li>◆ Watershed Management</li> <li>◆ Water and Culture*</li> </ul>
<p><i>*New resource management strategies for California Water Plan Update 2013</i></p>	

# 2016 IRWM Program Guidelines (Volume II)

## 💧 Examples of needed updates:

### 💧 **Integration:**

- 💧 update discussion on project integration and how it is accomplished

### 💧 **Project Review Process:**

- 💧 update discussion on how projects are solicited, included in the Plan, reviewed and selected for implementation
- 💧 discussion of criteria to select projects, particularly in relation to Objectives and RMS

### 💧 **Impact and Benefit:**

- 💧 inclusion of more specific discussion of the impacts/benefits of the Plan's implementation on the region, inter-regional issues, EJ and DACs

# 2016 IRWM Program Guidelines (Volume II)

## 💧 Examples of needed updates:

### 💧 Plan Performance and Monitoring

- 💧 Update performance measures and monitoring methods to ensure the objectives of the Plan are met
- 💧 update description and methodology for evaluating and monitoring the RWMG's ability to meet the objectives and implement the projects in the IRWM Plan
- 💧 update policies and procedures that promote adaptive management
- 💧 ensure discussion on effective project implementation as conditions change, as more effects of Climate Change manifest, new tools are developed, and new information becomes available

### 💧 Data Management

- 💧 update section to reflect accurate process of data collection, storage, and dissemination to IRWM participants, stakeholders, the public, and the State.

# 2016 IRWM Program Guidelines (Volume II)

## 💧 Examples of needed updates:

### 💧 Finance:

- 💧 update discussion on how projects are financed
- 💧 update opportunities for further funding sources

### 💧 Technical Analysis:

- 💧 update data and technical analyses that were used in the development of the Plan.

### 💧 Relation to Local Water Planning:

- 💧 update the local water planning documents utilized background within the IRWM Plan.
- 💧 update the description of the dynamics between the IRWM Plan and local planning documents
- 💧 update and consider and incorporate water management issues and climate change

# 2016 IRWM Program Guidelines (Volume II)

## 💧 Examples of needed updates:

### 💧 Relation to Local Land Use Planning:

- 💧 update processes that fosters communication between land use managers and RWMGs with the intent of effectively integrating water management and land use planning

### 💧 Stakeholder Involvement:

- 💧 update discussion on DACs/SDACs/EDAs and ongoing work in communities
- 💧 update process and communication to RWMG and stakeholders

### 💧 Coordination:

- 💧 update processes to coordinate water management projects and activities of participating local entities and local stakeholders to avoid conflicts and take advantage of efficiencies (CWC §10541.(e)(13))
- 💧 Identification of other neighboring IRWM efforts and the way cooperation or coordination with these other efforts will be accomplished and a discussion of any ongoing water management conflicts with adjacent regions

# 2016 IRWM Program Guidelines (Volume II)

## Examples of needed updates:

### Climate Change:

#### update adaptation to the effects of climate change and mitigation of GHG emissions (Water Code §10541.(e)(10))

Table 3 – Addressing Climate Change Within Existing IRWM Plan Standards	
Climate Change	<p><b>Adaptation:</b></p> <ul style="list-style-type: none"> <li>◆ A discussion of the potential effects of climate change on the IRWM region, including an evaluation of the IRWM region’s vulnerabilities to the effects of climate change and potential adaptation responses to those vulnerabilities. At a minimum, the vulnerability evaluation must be equivalent to the vulnerability assessment contained in the <i>Climate Change Handbook for Regional Water Planning</i>, Section 4 and Appendix B<sup>1</sup>.</li> <li>◆ Consider changes in the amount, intensity, timing, quality and variability of runoff and recharge.</li> <li>◆ Consider the effects of SLR on water supply conditions and identify suitable adaptation measures.</li> <li>◆ A list of prioritized vulnerabilities which includes a determination regarding the feasibility for the RWMG to address the priority vulnerabilities.</li> <li>◆ A plan, program, or methodology for further data gathering and analysis of the prioritized vulnerabilities.</li> <li>◆ Address adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge.</li> <li>◆ Areas of the State that receive water imported from the Sacramento-San Joaquin River Delta, the area within the Delta, and areas served by coastal aquifers must also consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.</li> </ul> <p><b>Mitigation:</b></p> <ul style="list-style-type: none"> <li>◆ A process that considers GHG emissions when choosing between project alternatives. At a minimum, that process must determine a project’s ability to help the IRWM region reduce GHG emissions as new projects are implemented over a 20-year planning horizon and consider energy efficiency and reduction of GHG emissions when choosing between project alternatives.</li> </ul>

# New Relevant Legislation and Executive Orders applicable to IRWM:

## AB 1755– the Open and Transparent Water Data Act

This progress report is now available for public review and comment (see attached). For more information see excerpts from the state’s AB 1755 website.

- *“Easily accessible, well-documented data of known quality is necessary to improving water management in California. Currently, water resource-related datasets reside in numerous state, local, and federal agencies, academia, and non-governmental organizations, making it very challenging to identify, access, and use data to inform water planning, management, and decision-making.*
- *The Open and Transparent Water Data Act (AB 1755, Dodd) requires the Department of Water Resources (DWR), in consultation with the California Water Quality Monitoring Council, the State Water Resources Control Board, and the California Department of Fish and Wildlife, to create, operate, and maintain a statewide integrated water data platform; and to develop protocols for data sharing, documentation, quality control, public access, and promotion of open-source platforms and decision support tools related to water data.*
- *Data are an important tool that can help build common understanding, allow for more informed decision making, and improve efficiency and effectiveness. In concert with experience and intuition, data can help us to define, measure, learn from, and adjust outcomes. Data form a strong foundation for collaboration and coordination, which will be essential for achieving sustainable water management in the face of climate change and other pressures on our water resources.”*

# Proposed and Anticipated Schedule to Plan Adoption:

- **Plan Sub-Committee Meeting/Cooperating Partners Meeting in March after Survey Monkey results**
- **Public Workshop in April**
- **Cooperating Partners Meetings/Sub-Committee Meetings in May and June**
- **Admin Draft Plan in July**
- **Final Cooperating Partners Review in August**
- **Anticipated BOS date for Final Plan in September**
- **DWR Submittal (anticipated) in September**

**Any Questions?**



# Prop 1 IRWM Implementation Funding

- 💧 **Proposed New Approach - Overview**
- 💧 **Proposed solicitation schedule**
  - 💧 **Probably Two Rounds**
  - 💧 **Round 1 – Draft PSP released spring of 2018 (March or April)**
  - 💧 **Applications due late spring/early summer 2018 (May or June)**
  - 💧 **Round 2 2019**
- 💧 **Total proposed funding available (statewide) in Round 1: \$200 million**
  - 💧 **\$185 million (implementation)**
  - 💧 **\$15 million (DAC implementation)**
- 💧 **Total remaining funding available (statewide) in Round 2: \$218.3 million**
  - 💧 **\$182.3 million (implementation)**
  - 💧 **\$36 million (DAC project funds)**

# Prop 1 IRWM Implementation Funding

- 💧 **Projects's Meetings in June and July**
- 💧 **Sub-Committee on Project Selection**
- 💧 **Implementation Application Workshop**
- 💧 **Implementation Application generation and submittal**

**Any Questions?**



# IRWM MOU

NAME	FY1617%	CostFY1617	Proposed%	CompCost
Santa Ynez CSD	0.39%	\$ 707	0.40%	\$ 725
Montecito WD	0.61%	\$ 1,107	0.40%	\$ 725
SYRWCD	0.21%	\$ 381	0.40%	\$ 725
City of Buellton	0.41%	\$ 745	0.40%	\$ 725
City of Solvang	0.56%	\$ 1,016	0.65%	\$ 1,178
Vandenberg Village CSD	0.59%	\$ 1,070	0.65%	\$ 1,178
Santa Ynez RWCD ID#1	0.64%	\$ 1,161	0.65%	\$ 1,178
City of Guadalupe	0.68%	\$ 1,234	0.65%	\$ 1,178
City of Carpinteria	0.64%	\$ 1,161	0.65%	\$ 1,178
Carpinteria Valley WD	0.64%	\$ 1,161	0.65%	\$ 1,178
Carpinteria SD	0.64%	\$ 1,156	0.65%	\$ 1,178
Laguna SD	1.79%	\$ 3,247	2.20%	\$ 3,987
City of Goleta	2.17%	\$ 3,937	2.20%	\$ 3,987
Goleta West SD	2.17%	\$ 3,937	2.20%	\$ 3,987
City of Lompoc	4.00%	\$ 7,256	2.20%	\$ 3,987
Goleta Sanitary District	2.17%	\$ 3,937	2.20%	\$ 3,987
Goleta WD	2.17%	\$ 3,937	3.30%	\$ 5,980
City of Santa Barbara	9.64%	\$ 17,470	9.50%	\$ 17,216
City of Santa Maria	9.33%	\$ 16,907	9.50%	\$ 17,216
<b>Entities with shares determined by a non-population formula below this line</b>				
CCWA	2.63%	\$ 4,771	2.65%	\$ 4,802
COMB	2.63%	\$ 4,771	2.65%	\$ 4,802
SBCFCD	5.27%	\$ 9,542	5.25%	\$ 9,514
Heal the Ocean - in kind	0.00%	\$ -	0	\$ -
Water Agency	50.00%	\$ 90,613	50%	\$ 90,611
<b>Totals</b>	<b>100.00%</b>	<b>\$ 181,222</b>	<b>100.00%</b>	<b>\$ 181,222</b>

**Any Questions?**



**THANK YOU FOR LISTENING**



## **Next Meeting**

***Doodle Poll is Forthcoming***

