

Santa Barbara County IRWM

Cooperating Partners of the Santa Barbara County IRWM
Santa Ynez Watershed Meeting
Tuesday, March 28th, 2017 10:30 am to 12:00 pm
City Council Chambers, City of Solvang
1644 Oak St.
Solvang, CA 93463



Agenda – IRWM Program Update

- 💧 **Welcome**
- 💧 **Introductions**
- 💧 **County wide SGMA Update**
- 💧 **Drought Task Force Update**
- 💧 **Update on the DAC Involvement Round**
- 💧 **IRWM Plan Update**
- 💧 **Local Projects – Update**
- 💧 **IRWM Stanford Survey**
- 💧 **Other State and Federal Funding Opportunities**
- 💧 **Next Steps**
- 💧 **Next Meeting**



County wide SGMA Update (Sustainable Groundwater Management Act)

💧 **GSA Formation occurring in the following basins:**

💧 **Santa Ynez Groundwater Basins**

💧 **San Antonio Creek Groundwater Basin**

💧 **Cuyama Valley Groundwater Basin**

💧 **Montecito Groundwater Basin**

Sustainable
Groundwater Management



County wide SGMA Update (Sustainable Groundwater Management Act)

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💧 **Santa Ynez Groundwater Basins**

💧 **San Antonio Creek Groundwater Basin**

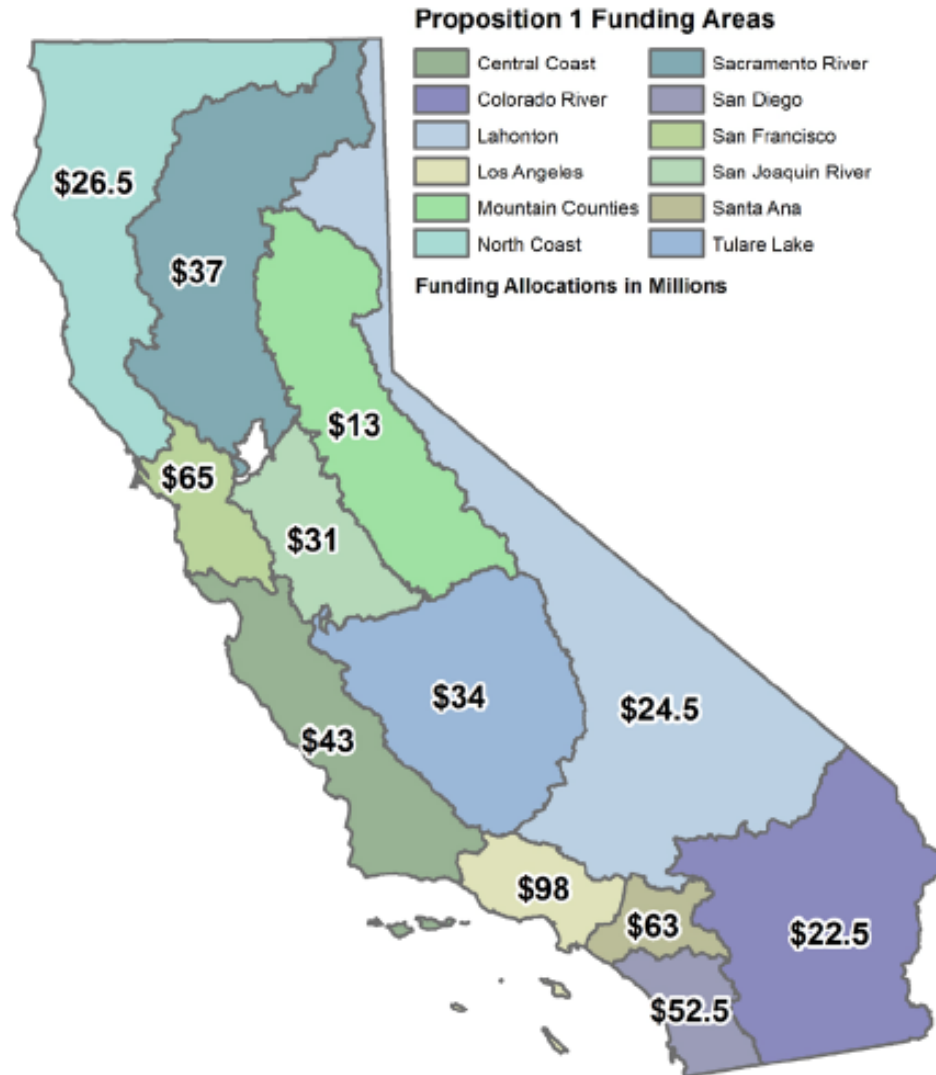
💧 **Cuyama Valley Groundwater Basin**

💧 **Montecito Groundwater Basin**

Sustainable
Groundwater Management



Prop 1 Funding Area Allocations



CCFA – Funding Allocation and Agreement

PROP 1 IRWM - CCFA FUNDING ALLOCATION

12/11/2015

Funding Allocation Calculation

Overall Weighting = (Baseline Factor, Weighted) + (Population Factor, Weighted) + (Area Factor, Weighted)

CCFA Funding Allocation for a Region = Overall Weighting for a Region x Total CCFA Funding Amount

Baseline Factor Weight: 0.50
 Population Factor Weight: 0.25
 Area Factor Weight: 0.25

IRWM Region Central Coast Funding Area	Baseline Factor (1/6 of CCFA Total)	IRWM Region Population ¹	Population Factor (% of CCFA Total)	IRWM Region Area ¹ (sq. miles)	Area Factor (% of CCFA Total)	Overall Weighting	Prop 1 IRWM Grant - Central Coast Funding Area		
							DAC Involvement \$4,300,000	DAC Projects \$4,300,000	Implementation Projects \$31,390,000
Santa Cruz	0.1667	281,401	0.1489	376	0.0339	0.1291	\$ 555,130	\$ 555,130	\$ 4,052,449
Pajaro River Watershed	0.1667	327,183	0.1732	1,295	0.1168	0.1559	\$ 670,370	\$ 670,370	\$ 4,893,701
Greater Monterey	0.1666	384,947	0.2038	3,199	0.2885	0.2064	\$ 887,520	\$ 887,520	\$ 6,478,896
Monterey Peninsula	0.1667	131,088	0.0694	341	0.0308	0.1084	\$ 466,120	\$ 466,120	\$ 3,402,678
San Luis Obispo	0.1666	309,187	0.1636	3,322	0.2996	0.1990	\$ 855,700	\$ 855,700	\$ 6,246,610
Santa Barbara	0.1667	455,468	0.2411	2,555	0.2304	0.2012	\$ 865,160	\$ 865,160	\$ 6,315,668
CCFA Total	1.0000	1,889,274	1.0000	11,088	1.0000	1.0000	\$ 4,300,000	\$ 4,300,000	\$ 31,390,000

Notes:





(1) Population & Area Source: ACS 2009-2013 per T. Hemmeter 8/14/2015

Proportional Funding Share for each Region	
Santa Cruz	12.91%
Pajaro River Watershed	15.59%
Greater Monterey	20.64%
Monterey Peninsula	10.84%
San Luis Obispo	19.90%
Santa Barbara	20.12%
TOTAL	100.00%

\$43,000,000	CCFA Prop 1 IRWM
\$4,300,000	10% DAC Involvement
\$4,300,000	10% DAC Projects
\$860,000	Less 2% DWR bond administration
\$2,150,000	Less 5% DWR program delivery
\$31,390,000	Remaining funds available for Implementation

Program Preferences and Statewide Priorities

Program Preferences

-  **Employ new or innovative technology or practices - special consideration to projects that employ new or innovative technology or practices, including decision support tools that support the integration of multiple jurisdictions, including, but not limited to, water supply, flood control, land use, and sanitation.**
-  **Multi-benefit projects - give special consideration to projects that achieve multiple benefits.**
-  **Leverage funding - give priority to projects that leverage private, federal, or local funding or produce the greatest public benefit.**
-  **Implement IRWM Plans with Greater Watershed Coverage – Give priority to projects in IRWM Plans that**

Program Preferences and Statewide Priorities

Statewide Priorities

-  **Making Conservation a California Way of Life**
-  **Increase Regional Self-Reliance and Integrated Water Management Across All Levels of Government**
-  **Achieve the Co-Equal Goals for the Delta**
-  **Protect and Restore Important Ecosystems**
-  **Manage and Prepare for Dry Periods**
-  **Expand Water Storage Capacity and Improve Groundwater Management**
-  **Provide Safe Water for All Communities**
-  **Increase Flood Protection**
-  **Increase Operational and Regulatory Efficiency**
-  **Identify Sustainable and Integrated Financing Opportunities**



Eligible Project Types

- 💧 **Water reuse and recycling for non-potable reuse and direct and indirect potable reuse**
- 💧 **Water-use efficiency and water conservation**
- 💧 **Local and regional surface and underground water storage, including groundwater aquifer cleanup or recharge projects**
- 💧 **Regional water conveyance facilities that improve integration of separate water systems**
- 💧 **Watershed protection, restoration, and management projects, including projects that reduce the risk of wildfire or improve water supply reliability**
- 💧 **Stormwater resource management, including, but not limited to, the following :**
 - 💧 **Projects to reduce, manage, treat, or capture rainwater or stormwater**
 - 💧 **Projects that provide multiple benefits such as water quality, water supply, flood control, or open space**
 - 💧 **Decision support tools that evaluate the benefits and costs of multi-benefit stormwater projects**
 - 💧 **Projects to implement a stormwater resource plan developed in accordance with Part 2.3 (commencing with Section 10560) of Division 6 including Water Code § 10562 (b)(7)**

Eligible Project Types

- 💧 **Conjunctive use of surface and groundwater storage facilities**
- 💧 **Water desalination projects**
- 💧 **Decision support tools to model regional water management strategies to account for climate change and other changes in regional demand and supply projections**
- 💧 **Improvement of water quality, including drinking water treatment and distribution, groundwater and aquifer remediation, matching water quality to water use, wastewater treatment, water pollution prevention, and management of urban and agricultural runoff**
- 💧 **Regional projects or programs as defined by the IRWM Planning Act (Water Code §10537)**

Eligible Projects

- 💧 **Provide multiple benefits**
- 💧 **Advance the purpose of Proposition 1 Chapter 7, Regional Water Security, Climate, and Drought Preparedness (Water Code §79707 (c) and §79740) which are, as follows:**
 - 💧 **Assist water infrastructure systems adapt to climate change**
 - 💧 **Provide incentives for water agencies throughout each watershed to collaborate in managing the region's water resources and setting regional priorities for water infrastructure**
 - 💧 **Improve regional water self-reliance, while reducing reliance on Sacramento-San Joaquin Delta**
- 💧 **Be consistent with Division 7, commencing with Section 13000 of the Water Code and Section 13100 of the Government Code (Infrastructure Plan) (Water Code §79707 (h)) 65041.1 and §65080 (Water Code §79707 (i))**
- 💧 **Promote State planning priorities and sustainable community strategies, consistent with Government Code**
- 💧 **Wherever possible, preserve California's working agricultural and forested landscapes (Water Code 79707 (j))**

Any Questions?





DAC Involvement Funding Area Proposal

DAC Involvement Funding Area Proposal

- 💧 **Water Code §79745 required 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 established this Program 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**

DAC Involvement Funding Area Proposal

- 💧 DWR is currently accepting and evaluating Funding Area level proposals designed to support the objectives.**
- 💧 DWR's will work efficiently in the RFP process so that the needs of DACs can be more fully included in IRWM planning efforts and future funding opportunities through the IRWM Grant Program or other financial assistance programs.**
- 💧 DWR requested one Funding Area-wide proposal from each of the Funding Areas.**
- 💧 DWR is working with IRWM region(s), within each Funding Area, to develop proposals to perform activities that involve DACs in IRWM planning, including helping define, understand, and address DAC water management needs through a collaborative approach.**

DAC Involvement Funding Area Proposal

- 💧 **Santa Barbara County has been coordinating with the CCFA on the DAC Involvement Grant.**

- 💧 **CCFA is submitting the initial proposal to DWR on Friday, March 31, 2017.**

- 💧 **DAC Activities in the CCFA region include:**
 - 💧 **Needs Assessment**
 - 💧 **Educational Activities**
 - 💧 **IRWM Engagement Efforts**
 - 💧 **Technical Assistance**
 - 💧 **Project Development Activities**

DAC Involvement Funding Area Proposal

💧 CCFA is asking for the minimum possible award for the region through this solicitation: \$4,300,000.

Table 2 - Proposition 1 Funding Allocation for the DAC Involvement Program	
Funding Areas	Minimum Available Funds
North Coast	\$2,650,000
San Francisco Bay Area	\$6,500,000
Central Coast	\$4,300,000
Los Angeles	\$9,800,000
Santa Ana	\$6,300,000
San Diego	\$5,250,000
Sacramento River	\$3,700,000
San Joaquin River	\$3,100,000
Tulare/Kern	\$3,400,000
Lahontan	\$2,450,000
Colorado River	\$2,250,000
Mountain Counties	\$1,300,000

DAC Involvement Funding Area Proposal

- 💧 **Santa Barbara County is requesting its full DAC non-competitive allocation under the CCFA MOA of \$621,932.**

- 💧 **DAC Activities are located in Guadalupe and Cuyama Valley.**

- 💧 **Activities in the SB IRWM region include:**
 - 💧 **Needs Assessment**
 - 💧 **Community Outreach**
 - 💧 **IRWM Engagement Efforts**
 - 💧 **Project Development Activities**



Plan Update

2016 IRWM Program Guidelines (Volume 1)

- 💧 **New Relevant Legislation and Executive Orders applicable to IRWM:**
 - 💧 **SB 985 (Pavley, Chapter 555, Statutes 2014) – Water Code §10562 – requires the 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 (Lara, Chapter 675, Statutes 2015) – Water Code §10551 – requires a Resource 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.**

2016 IRWM Program Guidelines (Volume 1)

💧 New 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 1)

💧 **Currently updating Plan in compliance with:**

- 💧 **SB 985 (Pavley, Chapter 555, Statutes 2014) –Stormwater.**
- 💧 **AB 1249 (Salas, Chapter 717, Statutes 2014) – Water Code §10541 – characterizations in IRWM regions with nitrate, arsenic, perchlorate, or hexavalent chromium contamination.**
- 💧 **AB 1739 (Dickinson, Chapter 347, Statutes of 2014), SB 1168 (Pavley, Chapter 346), SB 1319 (Pavley, Chapter 348 related to SGMA).**

Plan Update - Non-Statutory Requirements

- 💧 **Section on Data Management**
- 💧 **More current and accurate information**
- 💧 **In response to DWR's comments and matrix on the 2013 Plan Review**
- 💧 **Typographical errors**

Sub-Committee on IRWM Plan

💧 **DAC Issues**

💧 **More current and accurate information**

💧 **In response to DWR's comments and matrix on the 2013 Plan Review**

Any Questions?



Update on Local Projects

💧 **Well Rehabilitation – Valley Wide**

💧 **Other Projects?**

Stanford Survey

Info from Iris Hui, Senior Stanford Researcher:

Link to final survey: https://stanforduniversity.qualtrics.com/jfe/form/SV_egoYI98BXB1w4fz

The Bill Lane Center for the American West at Stanford University seeks your help with our research study of Integrated Regional Water Management (IRWM). IRWM is a pioneering effort in the state of California to advance regional collaboration by tackling cross-boundary problems related to water issues. The primary goal of the survey is to identify factors that affect the experiences and outcomes of the collaborative process. Results from the survey will help inform other collaborative processes in the state, including those related to the Sustainable Groundwater Management Act.

The online survey should take about 10-20 minutes to complete. We would like to ask the IRWM coordinators to **distribute the survey to all stakeholders and participants**. Participation in the survey is strictly voluntary.

Responses will be kept confidential and anonymous, unless respondents volunteer to identify themselves for a follow-up interview.

For publication purposes, all responses will be aggregated and we will NOT publicly release results at the IRWM level.

However, if sample size is sufficiently large (N>30 respondents in an IRWM region), we can release summary statistics for that region at the request of the coordinator.

Dr. Iris Hui, senior researcher at the Bill Lane Center, is the project investigator.

Please do not hesitate to email her at irishui@stanford.edu if you have any further questions about the survey, or would like to discuss more about the IRWM process.

--

Iris Hui, PhD.

Senior Researcher

Bill Lane Center for the American West

Jerry Yang & Akiko Yamazaki Environment & Energy Building

473 Via Ortega, First Floor

Stanford University

Stanford, CA 94305-4225

irishui@stanford.edu

(650) 725-7526

Other Prop 1 Funding Opportunities

Agricultural Water Use Efficiency & State Water Efficiency and Enhancement Program

Joint Request for Grant Applications

Final Released: **January 17, 2017**

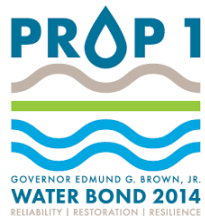
Grant Applications Due: **April 21, 2017**

No late submissions accepted

California Department of Water Resources
Water Use and Efficiency Branch
901 P Street, Room 313A
Sacramento, CA 95814




And

California Department of Food and Agriculture
Office of Grants Administration
Office of Environmental Farming and Innovation
1220 N Street, Room 120
Sacramento, CA 95814




Other Prop 1 Funding Opportunities




Urban Greening Grant Program

-  The California Natural Resources Agency is pleased to announce the open solicitation period for the Urban Greening Grant Program! The Guidelines include information to assist in preparing an application for funding. Please be sure to read these Guidelines, Application and Forms in their entirety for important information on project eligibility, evaluation criteria, and submission requirements.
-  **GUIDELINES AND APPLICATION ARE AVAILABLE FOR DOWNLOAD.**
-  **ONLINE APPLICATION DEADLINE: MAY 1, 2017, 5 p.m.**

Other Prop 1 Funding Opportunities

Urban Greening Grant Program

 The Urban Greening Program is responsible for reporting to the California Air Resources Board (ARB) GHG emission reductions resulting from funded projects in accordance with an ARB approved quantification methodology and Funding Guidelines for Agencies that administer California Climate Investments (December 21, 2015) and Funding Guidelines Supplement for FY 2016-17 Funds. All projects are required to show a net GHG benefit and provide multiple other benefits. In order to quantify GHG emission reductions, projects must include **at least one** of the following project activities:

-  1. Sequester and store carbon by planting trees
-  2. Reduce building energy use by strategically planting trees to shade buildings
-  3. Reduce commute vehicle miles traveled by constructing bicycle paths, bicycle lanes or pedestrian facilities that provide safe routes for travel between residences, workplaces, commercial centers, and schools.

Other Prop 1 Funding Opportunities

Coastal Conservancy Prop 1 Grant Solicitation

The Conservancy announces a new [Proposition 1 Grant Solicitation](#), applications are due May 31, 2017. Conservancy Proposition 1 grants fund multi-benefit ecosystem and watershed protection and restoration projects. Priority project types include: water sustainability improvements, anadromous fish habitat enhancement, wetland restoration and urban greening. The grant application has two parts: a [cover sheet](#) and a [project description](#).

Other Prop 1 Funding Opportunities

Part of the ongoing STORMS Seminar Series:



Municipal Finance of Stormwater Projects

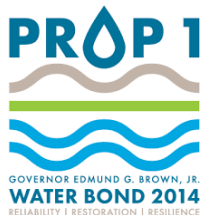
Thursday, April 20, 2017, 10:00 – 11:30 AM

CalEPA Building

1001 I Street, Sacramento, CA 95814

Byron Sher Auditorium

Webcast: <https://video.calepa.ca.gov/>



DUDEK

THANK YOU FOR LISTENING



Next Meeting

IRWM South County Watersheds Sub-Regional Meeting

June 13, 2017 1:00 pm to 3:00 pm

