

Santa Barbara County Integrated Regional Water Management Program

Wednesday, February 3, 2021

1:00 PM to 3:00 PM

Cooperating Partners Meeting





IRWM Cooperating Partners Meeting

February 3, 2021 1:00 PM – 3:00 PM

[Join Zoom Meeting](#)

<https://dudek.zoom.us/j/99798125059?pwd=WXQ5QUVlW1ucGdpdHpOYkluQT09>

+1 669 900 6833 or +1 929 205 6099 Meeting ID: 997 9812 5059

*****Welcome to the meeting and thank you for joining. Please note that everyone is required to announce herself/himself/themself. If you are calling in, you may mute by using *6 and you may raise your hand by using *9. If anyone has any trouble, please email: JGRAY@DUDEK.COM AND MCYOUNG@COSBPW.NET or use the Zoom Chat for assistance at any time during meeting introductions or during the course of the meeting. All members are welcome, including all stakeholders and the public. This is not a meeting convened under the Brown Act. Those who do not identify themselves do not send emails or otherwise provide transparency will be removed from the meeting. Thank you for maintaining an open forum.*****

AGENDA ITEMS

- 🔹 Welcome and Introductions
- 🔹 SGMA Updates (Standing Items)
- 🔹 Item for Consideration and Decision: Roundtable of Regions, Phase 2 Cost Sharing for a Consultant Contract for a Network Coordinator for the California IRWM Roundtable of Regions (Roundtable)
 - 🔹 Roundtable of Regions Update (Standing Item) – January Meeting
 - 🔹 [Home | RoundTableofRegions](#)
- 🔹 Round 1 Implementation Grant Agreement
- 🔹 DACI Needs Assessment – Update
- 🔹 Santa Barbara County: Conservation Program Updates
- 🔹 CCFA IRWM Mini-Summit, April 2021
- 🔹 Water Bond Coalition Updates (Standing Items)
- 🔹 Item for Consideration and Decision: Final Tables for the watershed areas
- 🔹 Setting the IRWM Agenda 2021
- 🔹 Non IRWM Funding Opportunities
- 🔹 Santa Barbara County Climate Change Vulnerability Assessment – Virtual Public Workshop #2

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SGMA Updates




QUESTIONS





**Roundtable of Regions
– Phase 2 Cost Sharing
for a Network
Coordinator**



Roundtable of Regions

The Roundtable of Regions (RTOR) is a consortium of representatives from Integrated Regional Water Management (IRWM) Regions around the state.

The RTOR provides a forum for interested parties working on IRWM to discuss IRWM and related interests and to share their successes and challenges.

The RTOR provides a forum for collaborating and providing input to the State on the IRWM Program and opportunities to advocate for IRWM Programming and Funding.

Steering Committee Members - 2020-2021

Lynn Rodriguez, Watersheds Coalitions of Ventura County (Co-Chair) (Term ending June 30, 2022)

Mark Stadler, San Diego County Water Authority (Co-Chair) (Term ending June 30, 2021)

Ian Achimore, Santa Ana Water Project Authority (Term ending June 30, 2021)

Katie Burdick, Yuba County IRWM (Term ending June 30, 2021)

Susan Haydon, Sonoma Water (Term ending June 30, 2022)

Metra Richert, Valley Water (Term ending June 30, 2021)

Jenna Voss, Orange County Public Works (Term ending June 30, 2022)

Vacant (Term ending June 30, 2022)



Roundtable of Regions – Recent Events

September 10, 2020, 10 a.m. - 11:30 a.m, Pre-Orientation Meeting For those who might not be as familiar with IRWM, the webinar was a preview to the Statewide Virtual Summit noted below. Local IRWM members will share their perspectives on the benefits, successes and challenges of participating in their region's IRWM program

October 8th, 13th and 14th 2021, 3-Day Disadvantaged Community and Tribal Involvement (DACTI) Lessons Learned Summit: "Ensuring Equitable Involvement in Regional Water Planning." 8:30 am - 1:00 pm each day
The Summit included strategies and highlighted best practices and resources developed for engaging marginalized communities in regional water management. Sponsored by Santa Ana Watershed Project Authority (SAWPA), Local Government Commission (LGC), and the CA Department of Water Resources (DWR).

September 23, 2020, Noon - 1:30 p.m, Successful Collaboration between IRWM and SGMA,
Hosted by Maven's Notebook, real stories of the benefits of successful collaboration between IRWM and SGMA programs. This was the first in a series of webinars exploring a range of topics relevant to IRWM and SGMA.



Roundtable of Regions

In early 2019, the RTOR discussed the need to hire a Network Coordinator to lead the ongoing programming and fund it through support of IRWM Regions Statewide.

The Santa Barbara County IRWM Cooperating Partners discussed 2-year financial support for the Network Coordinator Position at its March 2019 meeting and agreed to support @ \$3,000/year for a total of \$6,000 between 2021-2023.

Discussion and decision for today:

Should the Cooperating Partners continue to support the Network Coordinator position?

If so, is \$6,000 the agreed upon amount over the 2-year contract term?

[Home | RoundTableofRegions](#)



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**Update - Round 1
Implementation Grant
Agreement**



Update - Round 1 Implementation Grant

Project Name	Project Implementing Agency	Funding
Grant Administration	SBCWA	\$28,224
Recycled Water Distribution to Waller Park	Laguna County Sanitation District	\$2,000,000.00
Regional Supply Pipeline Project	City of Santa Barbara & Montecito Water District	\$1,000,000.00
WWTP Effluent Irrigation Pump Station Rehabilitation	City of Guadalupe	\$302,821
Total		\$3,331,045.00



Update - Round 1 Implementation Grant

Round 2 Funding is anticipated in early 2022

Cooperating Partners can begin discussing projects for Round 2 Implementation, including General Implementation and DACI Implementation

	Santa Barbara	Total CCFA
DWR Round 2 Remaining		
DAC Implementation	562,386	2,150,000
General Implementation	3,028,224	16,507,785
Total	3,590,610	18,657,784

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Update - DACI Needs Assessment

DACI Needs Assessment

The Team is meeting with CCFA and coordinating the level of detail of the summarized Needs Assessment and individual Needs Assessment

Required IRWM wide Needs Assessment covering all issue areas:

- Community Characteristics
 - Community, IRWM Region, Population, Households, EDA, Involvement with IRWM Governance
- Drinking Water
 - Sources of Water, Estimated No. of Private Wells, Estimated No. of Public Wells, Water Supply Treatment Method, Community Accessibility, Community Affordability, Drinking Water System Uses
- Wastewater
 - Type of System, Insufficient wastewater systems
- Stormwater
 - Stormwater, urban runoff issues, stormwater regulatory compliance issues
- Other
 - Drought responses, climate resiliency
- Water System Financing
 - Rate structure, system financing needs
- ***Tribal Communities***
- ***Unsheltered Populations***



DACI Needs Assessment

Specific Projects:

Cuyama Valley

- Cuyama Water Census and Needs Assessment (UCSB Department of Anthropology)
- Community Outreach for New Cuyama, Cuyama and other portions of the Cuyama Valley
- IRWM Engagement Efforts (Quail Springs)
- Conversation Plan (RCAC)
- Water and Wastewater Facilities Master Plans (RCAC)

City of Guadalupe

- Project development activities for water and wastewater system projects
- Water System Mater Plan Update

Currently working on finalizing the individual and CCFA Needs Assessments and Project Completion Report

QUESTIONS





Update - Santa Barbara County Conservation Program

QUESTIONS





Update - Water Bond Coalition



Bond Coalition

Recent work in Support of the Governor's Budget:

1. \$70 million to CAL FIRE for the Forest Health Program.
2. \$65 million to CAL FIRE to provide additional funding for prescribed fire projects via the Fire Prevention Grants and Prescribed & Hand Crews.
3. \$10 million to CAL FIRE for vegetation management and forest health improvement, with a focus on small landowners, through the California Forest Improvement Program.
4. \$25 million to Cal OES and CAL FIRE for home hardening projects to reduce fire risk.
5. \$25 million to the Department of Conservation for the Regional Forest and Fire Capacity Program to develop new regional coverage areas and continue developing capacity and implement projects in existing regional coverage areas.
6. \$1 million to CAL FIRE for tribal engagement.
7. \$6 million to CAL FIRE UC Cooperative Extension, California Conservation Corps, and California Community Colleges to fund fire advisors and a prescribed fire workforce development pipeline.

IRWM submitted a Letter of Support

Santa Barbara County Board of Supervisors submitted a Letter of Support



QUESTIONS





Final Tables for Watersheds



Watersheds Table – San Antonio Creek & San Ynez River

Water Issues and Challenges in the San Antonio Creek and Santa Ynez River Watersheds

- Improve interactions among agencies to improve operational flexibility.
- New MCLs may pose compliance difficulties.
- Agencies and jurisdictions bear the burden of regulatory compliance for non-point source pollutants in the watershed that are not within jurisdictional/agency boundaries but enter their MS4s.
- Scour from historic and current gravel mining downstream of the City of Solvang may cause problems for infrastructure such as bridges and other facilities in Solvang.
- Wildfires cause habitat damage and extreme erosion, which adversely affects reservoir storage and water quality at Cachuma and Gibraltar Reservoirs.
- Flood risk exists in portions of the watersheds, which threaten structures and facilities within the floodplain and threaten health and human safety.
- Ongoing balance is being sought between habitat management and water supply.
- There is a need to control invasive species, such as quagga mussels (*Dreissena bugensis*), pampa grass (*Cortaderia selloana*), Japanese dodder (*Cuscuta japonica*), and *Arundo donax* (*Arundo donax*).
- Loss of surface water storage.
- Regional collaboration needed for conjunctive sustainable groundwater management.
- Need for additional non-point source groundwater contaminant study in upland areas of the SY valley watersheds. Particularly the Alamo Pintado Creek watershed and watersheds above known impaired groundwater areas.
- Need for cooperative groundwater quality testing, modeling and tracking in each sub-basin with known impaired groundwater quality.

Regional Resource Management Strategies that Address Climate Change and Very High Priority Vulnerabilities in the San Antonio Creek and Santa Ynez River Watersheds

Very High Priority	Description of Impact of Very High Priority Vulnerabilities	Resource Management Strategy Addressing Climate Change
Water Demand	Lack of groundwater storage to buffer drought	<ul style="list-style-type: none"> • Urban Water Use Efficiency • Agricultural Water Use Efficiency • Plan and Prepare for Weather Variability • Recycled Municipal Water • Outreach and Education
Water Supply	<ul style="list-style-type: none"> • Decrease in groundwater supply • Sensitivity due to drought potential 	<ul style="list-style-type: none"> • Recycled Municipal Water • Urban Water Use Efficiency • Agricultural Water Use Efficiency • Plan & Prepare for Weather Variability • Water Transfers



Watersheds Table – Santa Maria River & Cuyama River

Water Issues and Challenges in the Santa Maria River and the Cuyama River Watersheds

Revisions initiated at the July 10, 2020 Santa Maria Watersheds Meeting

- Sediment accumulation in Twitchell Reservoir reduces storage capacity and threatens operability of release works, and reduces available water supply for groundwater recharge.
- Wildfires increase sediment accumulation in dams, rivers, streams and reservoirs, reducing storage capacity, threatening operability of release works, reducing the available water supply for groundwater recharge, increasing flooding risks and flooding events and creating water quality impairments.
- Loss of storage in surface water reservoirs.
- State Water Project water deliveries fluctuate due to annual variations in climate hydrology and regulatory constraints.
- Urban and agricultural users rely on the same groundwater resources and groundwater resources vary between the Santa Maria Groundwater Basin and the Cuyama Valley Groundwater Basin.
- More work with stakeholders within the Santa Maria Groundwater Basin is required to characterize and address the effectiveness of salt and nutrient management.
- Lack of an affordable water supply in Casmalia, Tanglewood, Gary Sisquoc, Cuyama other Disadvantaged Communities, Severely Disadvantaged Communities Economically Depressed Areas
- The Cuyama Valley Groundwater Basin was designated as a Critically Overdrafted in 1981 by the California Department of Water Resources (DWR). This overdrafted situation is being addressed through the development of a Groundwater Sustainability Plan (GSP), but the overdraft is causing increased pumping lift and cost for agricultural users and threatens the water supply reliability for all residents.
- The Cuyama Valley Groundwater Basin has water quality impairments, including naturogenic arsenic and total dissolved solids. Within the townsite of New Cuyama, the arsenic is treated at the water treatment plant owned and operated by the Cuyama Community Services District.
- Changes in clean water standards may require modification of stormwater and water quality management.
- Pollution of creeks and coastal waters could result from nonpoint sources and point-source runoff during rain events, particularly in 303d listed water bodies.
- Need to control stormwater to protect water quality and public health, and increase capture to augment supply.
- Flooding is a risk in the Cuyama Valley where isolated thunderstorms in the summer and high winter flows can wash out and damage roads, highways, wells and habitat.
- Maintenance and operation of the water supplies and systems to meet Safe Drinking Water Act requirements and meet water supply demands.
- Maintenance and operation of wastewater treatment and collection systems to meet waste discharge requirements or NPDES requirements and wastewater treatment capacities
- Maintenance and operation of stormwater collection and treatment systems to meet stormwater permit requirements and TMDLs
- Harm from flood risk for critical infrastructure due to severe weather events in flood prone areas
- Work collaboratively with agriculture and regulatory agencies to protect the health of the groundwater basin
- Regulatory alignment of salt and nutrient management for urban and agricultural users and dischargers in the groundwater basin
- Safely promote groundwater recharge through treatment and percolation/infiltration techniques

Watersheds Table – South Coast Watersheds

Water Issues and Challenges in the South Coast Watersheds

- Current inability to capture untapped sources of renewable energy through the redesign of water systems. Funding to support alternative energy sources is critical in overcoming this challenge.
- Water supply vulnerability during drought and other emergency events due to lack of redundancy and capacity in storage and conveyance systems.
- Aquifer zones on the South Coast are susceptible to seawater intrusion during periods of surface-water storage.
- Older infrastructure requires disproportionate operations and maintenance costs and threatens reliability.
- Increased flooding risk, sea-level rise and inundation imperil all south coast communities and infrastructure, including water and wastewater treatment facilities.
- Shallow groundwater and soil contamination issues at orphaned sites at former industrial and commercial areas may result in polluted runoff.
- Pollution of creeks and coastal waters could result from nonpoint sources and point-source runoff during rain events, particularly in 303d listed waterbodies.
- Higher frequency of wildfires increases erosion and sedimentation into reservoirs decreasing storage and negatively impacting water quality and exacerbate the long-term sediment accumulation, which has reduced vital reservoir storage capacity and operations.
- Groundwater and surface water contamination from septic systems.
- Contaminants from former disposal sites impact surface and groundwater.
- Anthropogenic (e.g. built, constructed) barriers such as lined flood control channels and bridges impede steelhead trout (*Oncorhynchus mykiss*) migration and impede groundwater basin recharge.
- Need to optimize existing water supplies and develop new local supplies to address future water supply constraints and reduce dependence on the Delta.
- Need to control stormwater to protect water quality and public health, and increase capture to augment water supply.
- Low-lying coastal wastewater treatment plants are vulnerable to inundation, fluvial flooding and sea-level rise.
- Natural sediment migration has been impeded by development and other structures hindering and depleted beach nourishment.
- Due to sedimentation, siltation, drought and regulatory impediments, surface water storage is diminished.
- Older infrastructure and undersized mainlines threaten reliability in Isla Vista, a “Severely Disadvantaged Community” (SDAC).


Climate Change Vulnerability Issues for the Region

Prioritization	Vulnerability Issue
Very High	<p>Water Supply: Decreases in groundwater and surface water supply Sensitivity due to higher drought potential</p> <p>Water Demand: Lack of groundwater storage to buffer drought</p> <p>Water Quality: Poor water quality in surface waters Increased constituents of concern Increase in treatment needs and costs Increased erosion and sedimentation</p>




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**Setting the IRWM
Agenda for 1st & 2nd
Quarter of 2021**



Draft IRWM Agenda – 1st & 2nd Quarter of 2021

March 2021

- Climate and Water Resiliency

April 2021

- Watershed Health/Human Right to Water & Sanitation

May

- SGMA Update? Tribal/Chumash Update?

June

- DACI Update

July

- SGMA Update? Tribal/Chumash Update?

SUGGESTIONS FOR TOPICS????????????????



QUESTIONS





Non-IRWM Funding Opportunities



Funding Updates

Statewide Park Program (SPP), cities, counties, districts, and non-profit organizations can access up to **\$395 million** of funding for the creation of new parks and recreation opportunities; and for the expansion or renovation of existing parks in **critically underserved communities** across California. The application deadline has been extended, giving applicants more planning and preparation time. All applications must be submitted through the **online application system** by **March 12, 2021**. To learn more about the SPP competitive grants, please visit our website: www.fundingresource.org

North American Wetlands Conservation Act Standard Grants to fund projects that increase bird populations and wetland habitat while supporting local economies and American traditions, such as hunting, fishing, birdwatching, family farming, and cattle ranching. <https://www.fws.gov/birds/grants/north-american-wetland-conservation-act/standard-grants/united-states.php> Due **February 26, 2021**

FEMA Assistance to Firefighters Grant Program supports fire prevention projects designed to reach high-risk target groups and mitigate the incidence of death and injuries caused by fire and fire-related hazards. <https://www.fema.gov/grants/preparedness/firefighters> Due **February 26, 2021**

Funding Updates

[CA Department of Fish and Wildlife Environmental Enhancement Fund Grants](https://wildlife.ca.gov/OSPR/Science/Environmental-Enhancement-Fund/About) to support habitat and ecosystem improvement projects located within or immediately adjacent to waters of the state.

<https://wildlife.ca.gov/OSPR/Science/Environmental-Enhancement-Fund/About> Due March 1, 2021

[National Park Service Rivers and Trails Conservation Assistance Program](https://www.nps.gov/orgs/rtca/apply.htm) to provide technical assistance and expertise to help local communities realize their conservation and outdoor recreation visions and goals.


<https://www.nps.gov/orgs/rtca/apply.htm> Due March 1, 2021

[CA Natural Resources Agency Environmental Enhancement and Mitigation Program](https://resources.ca.gov/grants/environmental-enhancement-and-mitigation-eem/) funds the acquisition or enhancement of resource lands to mitigate the loss of, or detriment to, resource lands that lie within the right-of-way acquired for transportation improvements. <https://resources.ca.gov/grants/environmental-enhancement-and-mitigation-eem/>

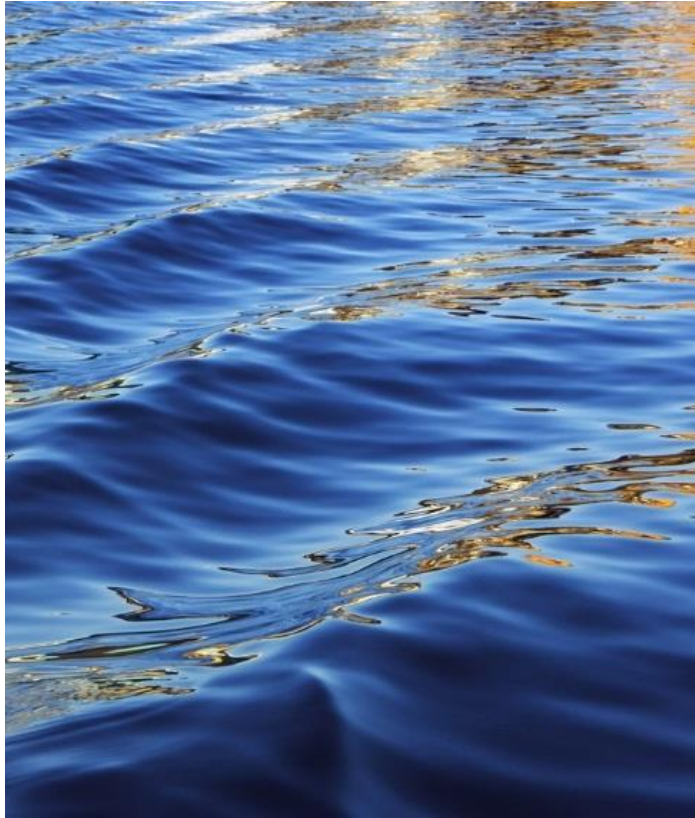
<https://resources.ca.gov/grants/environmental-enhancement-and-mitigation-eem/> Due March 5, 2021

QUESTIONS





SB County Climate Change Vulnerability Assessment



SBC CC Vulnerability Assessment – Public Workshop #2

Santa Barbara County Climate Change Vulnerability Assessment – Public Workshop #2

County Climate Change Vulnerability Assessment
Virtual Public Workshop #2
Thursday February 25th 6pm

Description: Learn more about the Assessment and engage with us in interactive discussions on the climate change impacts experienced by our community, the existing tools and programs designed to help us remain resilient, and where the gaps are in these tools and programs that need to be addressed to help us adapt to climate change.

Project Website: www.CountyofSB.org/CCVA

[Sign up](#) to get notified when workshop registration opens



QUESTIONS



Thank You!



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