

San Diego IRWM Program RAC Meeting #89

February 3, 2021

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Agenda

- Meeting Logistics
- Welcome and Introductions
- Diversity, Equity, and Inclusion for SDIRWM
- Project Completion Report
- RAC Composition
- Grants 101
- Grant Administration
- Public Comments
- Summary and Next Steps

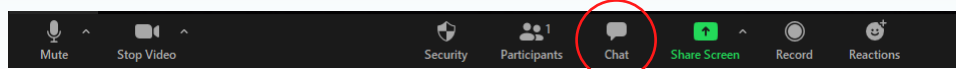
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San Diego IRWM Program RAC Meeting #89

February 3, 2021

All attendees: Please enter your full name and organization into the **chat**



For any technical difficulties, contact: Nicole Poletto, 858-875-7405

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Virtual Meeting Process

- Please remain on mute until called on – do not put meeting on hold
- Use the chat feature to ask questions or notify moderator if you want to speak



- To unmute when called on, click on the microphone icon



- To unmute if you're on the phone, press *6
- If you can't find the chat feature, email questions or comments to sdirwm@woodardcurran.com

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Diversity, Equity, and Inclusion in San Diego

Omar Passons, County of San Diego

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Debrief

See link in the chat!

Go to www.menti.com and use the code 71 18 52 5

What resonated with you and what should we keep in mind while considering diversity, equity, and inclusion in SDIRWM? 

Go to www.menti.com and use the code 71 18 52 5

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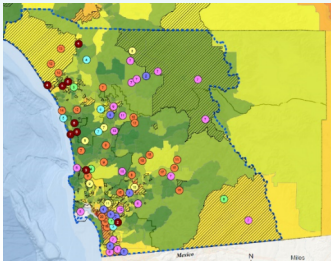
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Diversity, Equity, and Inclusion in SDIRWM

Diversity, Equity, and Inclusion in:



Project location



Grant funding

19 URC Projects: 26%
of projects
\$15 million in grants:
16% project grants



Representation on the
RAC

64 Organizations
have Participated as
Voting Members
Past and Present

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Diversity, Equity, and Inclusion Workgroup



- Purpose:
 - **Define** diversity, equity, and inclusion as related to SDIRWM
 - **Examine** project scoring and selection processes and make recommendations to help reduce bias
 - **Consider** SDIRWM activities and identify opportunities for equitable program access/participation
 - **Establish** metrics to evaluate progress towards meeting DEI goals
 - **Identify** resources with local DEI expertise, data, and knowledge

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Workgroup Logistics



- Workgroup comprised of RWMG and volunteers (open to RAC and stakeholders)
 - Would like about 15 people
- 4 meetings (~2 hours each)
- Active from February – July 2021
- Brief updates provided at RAC meetings

Interested in Participating?

Let us know in the chat, or email Mark Stadler at mstadler@sdcwa.org

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Paradise Creek Water Quality and Community Enhancement

Luca Zapiello, City of National City

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Existing RAC Member Structure

31 Voting Seats, 7 Caucuses

- Regional Water Management Group (3)
- Water Supply (5)
 - Retail (North County – Inland)
 - Retail (North County – Coastal)
 - Retail (East County)
 - Retail (South County)
 - Retail (At Large)
- Water Quality (6)
 - Stormwater (North County)
 - Stormwater (South/East County)
 - Water Quality (NGO)
 - Water Quality (NGO)
 - Wastewater/RW (Metro JPA)
 - Wastewater/RW (Non-Metro JPA)
- Tribal (3)
 - Northern IRWM Region
 - Central IRWM Region
 - Southern IRWM Region
- DAC/Environmental Justice (2)
 - Urban DAC
 - Rural DAC
- Natural Resources & Watersheds (5)
 - Water Conservation (NGO)
 - Protection and Restoration (NGO)
 - Protection and Restoration (NGO)
 - Recreation
 - Coastal Ecosystems
- Other (7)
 - Flood Management
 - Business Community
 - Agriculture
 - Land Use Planning
 - At Large
 - At Large
 - Climate

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New Voting Seat



- RWMG adding a new voting seat in 2021
- Based on RAC discussions in October and December, RWMG is recommending the addition of a seat for **Wildfire-Water Nexus**
 - Included in the **Natural Resources & Watersheds** caucus

RAC Vote to Recommend Wildfire-Water Nexus Seat

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URC Working Sessions

- In November and December 2020, SDIRWM hosted 5 working sessions with URCs
- *The following slides have been adapted from these sessions*

Working Session Purpose

1. Discuss IRWM Grant Program and other funding programs
2. Help you make your project more competitive



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Funding Program Overview

Search others on CA State Grants portal
<https://www.grants.ca.gov/>

Project Types	Type	Agency	Deadline
★ IRWM Grant Program	Grant	DWR	~Fall 2021
Prop 1 Technical Assistance Funding Program	Grant	SWRCB	Open: rolling
Clean Water State Revolving Fund	Grant or Loan	SWRCB	Open: rolling
Drinking Water State Revolving Fund	Grant or Loan	SWRCB	Open: rolling
Safe and Affordable Funding for Equity and Resilience (SAFER)	Grant	SWRCB	Open: rolling
2021 Nonpoint Source Grant Program	Grant	SWRCB	December 17
Water and Waste Disposal Loan & Grant Program	Grant or Loan	USDA	Open: rolling
Hazard Mitigation Grant Assistance	Grant	Cal OES	Variable
Clean Drinking Water Well Replacement	Grant	RCAC/ SWRCB	Open: rolling

See handout!

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IRWM Funding: Proposition 1, Round 2



~\$16M available to the San Diego IRWM Region for implementation projects



Proposal Solicitation Package (PSP) expected by end of 2021 from Department of Water Resources



Grant awards expected in Summer/Fall 2022

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Grants Lifecycle



- Project development
- Feasibility analysis
- Strategy for CEQA and permitting

- Funding opportunity announcement
- Project information
- Project scoring
- Interviews

- Announcement
- Contracting

- Disbursement requests
- Quarterly progress reports
- Potential contract amendments

- Project closeout
- Post-project reporting
- O&M

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Prepare for Upcoming Opportunities



- Materials to prepare in advance:
 - Feasibility study or preliminary design
 - Updated itemized project budget
 - Schedule (planning and construction)
 - Insurance documents
 - Strategy for CEQA and permits
- Ensure project is listed in an existing plan, if required

	Quantity	Unit	Unit Price	Cost
Direct Project Administration				
1	1	LS	\$172,000	\$172,000
Subtotal Environmental				
Environmental Review & Permitting				
2	1	LS	\$100,000	\$100,000
3	1	LS	\$80,000	\$80,000
4	1	LS	\$200,000	\$200,000
Subtotal Environmental				
Final Design, Drawings and Specifications				
5	1	LS	\$90,000	\$90,000
6	1	LS	\$60,000	\$60,000
7	1	LS	\$100,000	\$100,000
8	1	LS	\$50,000	\$50,000
9	1	LS	\$50,000	\$50,000
10	1	LS	\$50,000	\$50,000
11	1	LS	\$90,000	\$90,000
Subtotal Final Design				
Construction				
Construction Management				
12	1	WS	\$19,000	\$19,000
13	3	MS	\$16,000	\$48,000
Construction Costs				
14	1	LS	\$10,000	\$10,000
15	1	LS	\$15,000	\$15,000
16	1	LS	\$12,000	\$12,000
17	1	LS	\$13,000	\$13,000
18	1	LS	\$17,000	\$17,000
19	1	LS	\$32,000	\$32,000
20	1	LS	\$90,000	\$90,000
21	0	LF	\$0	\$0
22	300	Tons	\$40	\$12,000
23	1,000	Tons	\$90	\$90,000
24	3,000	Tons	\$10	\$30,000
25	10,000	SF	\$4.50	\$45,000
26	6,000	SF	\$1.80	\$10,800
27	10,000	SF	\$2.50	\$25,000
28	10	LF	\$40	\$400
29	0	LS	\$0	\$0
30	1	LS	\$2,000	\$2,000
31	0	LS	\$0	\$0
Subtotal Construction				
TOTAL PROJECT ESTIMATED COST				
				\$1,314,000

NOTES
 Shorter project from 2,000 LF to about 1,200 LF
 Upstream - project start unchanged, at existing box culvert
 Downstream - project ends before existing bridge and sewer lines
 Do not demolish bridge
 Re-use concrete from channel demolition as bedding for channel cobble
 Assume that a use for excavated soil will be found

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Establishing Scope and Purpose of Project

1

Identify the Issue

2

Define your Objectives

3

Identify Actions

4

Quantify Benefits

5

Create Project Details

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Package Project

How will you measure success (physical benefits)?

What is your detailed budget and schedule?

How can you package project to best meet grant rules and priorities?

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Recommendations for Success



The screenshot shows the California Water Boards website. The main heading is 'Small Community Funding Program - Application Process'. Below the heading, there is a paragraph explaining the program: 'Small Community Funding is available to help small disadvantaged communities (small DACs), providing drinking water service to less than 10,000 people or wastewater service to less than 20,000 people and having a median household income (MHI) of less than 80% the statewide MHI, with technical assistance needs, interim water supplies, and implement eligible drinking water or wastewater capital improvement projects. The Small Community Funding Program continuously accepts applications starting with a simple pre-application: 1. Pre-Application'.

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- Track grant opportunities
- Review materials before application opens
- Talk to the funding entity
 - Point of contact may be able to resolve application questions
 - Attend workshops
- For the SDIRWM Program:
 - Establish a partnership
 - Add community engagement to project

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Recommendations for Success, cont.

- Be sure your project addresses the priorities of the funding program
- Use available resources
- Write a focused application
 - Clearly answer each question
 - Tailor approach to scoring criteria
 - Scoring Criteria found in the IRWM Plan is adapted to each round of funding: https://sdirwmp.org/pdf/SDIRWM_09_Projects_FINAL_2019.pdf.
- Don't be afraid to ask questions

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RAC-Approved IRWM Scoring Criteria for Proposition 1 Round 1 Grant Funding			
Criterion	Scoring Procedure	Points Assigned	Percent of Total Score ¹
Addresses Multiple Objectives ¹	Score is based on # of objectives addressed ²	6+ objectives = 4 pts 5 objectives = 3 pts 4 objectives = 2 pts 3 objectives = 1 pt	10%
Serves Multiple Watersheds	Score is based on the level of integration between watersheds	Multiple Watersheds = 4 pts Integration within a single Watershed = 2 pts Only site-specific = 0 pts	6%
Addresses Multiple Beneficial Uses (BUs)	Score is based on # of beneficial uses addressed	4+ BUs = 4 pts 3 BUs = 3 pts 2 BUs = 2 pts 1 BU = 1 pt	6%
Sustainable Water Development: Creates New Applied Water or Offsets Potable Demand ³	Score is based on yield of water created or offset	Creates new source of reliable, local, drought-proof supply or reduces demands – consistent yield in average and dry years = 4 pts Creates new water or reduces demands – average conditions only = 2 pts Interconnection/ redundancy in supply but no additional yield created = 1 pt	20%
Involves More than One Entity ⁴	Score is based on degree of partnership	2 project partners working jointly on a task = 4 pts 2 project partners not engaged in same activity, or multiple financial sponsors = 2 pts	7%
Invest in Disadvantaged / Environmental Justice Communities and Systems	Score is based on the degree of benefit (direct vs. indirect)	Directly invests in DAC-EDA-LIRC-EJ water systems, consolidation, OR training = 4 pts Other direct benefits that improve overall conditions in DACs (e.g. habitat improvement) = 2 pts Indirect benefits = 1 pt No Benefits = 0 pts	10%
Resiliency to Climate Change	Score is based on extent of climate change adaptation or mitigation activity (Climate Change Conceptual Model) ⁵	Reduces very high or high priority vulnerability to climate change ⁶ AND improves knowledge and capacity AND implements climate change mitigation = 4 pts Reduces medium, low, or very low priority vulnerability to climate change ⁶ AND either 1) improves knowledge and capacity OR 2) implements climate change mitigation = 3 pts Improves knowledge and capacity AND implements climate change mitigation = 2 pts Improves knowledge and capacity OR implements climate change mitigation = 1 pt	20%
Stormwater as a Resource	Score is based on benefit provided	Utilizes stormwater as a resource (e.g., environmental, source water replenishment) = 4 pts Implements onsite capture = 2 pts	15%
Enhance Infrastructure	Score is based on the degree of benefit (regional vs. local)	Enhances regional infrastructure (improved use of existing infrastructure) ⁷ = 3 pts Enhances local infrastructure (improved use of existing infrastructure) = 2 pts Indirectly improves use of existing infrastructure = 1 pt	6%
Other ⁸	TBD	TBD	TBD

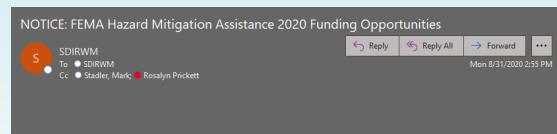
Refer to Table 9-1 of the 2019 IRWM Plan for further details about each scoring criteria. Download Chapter 9 here: <http://sdirwmp.org/2019-irwm-plan-update>.

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Existing SDIRWM Resources

- Technical Workshop hosted prior to the SDIRWM Call for Projects for IRWM Funding
- IRWM Program manager and staff support
- Grant Administration Program (GAP) team support
- Funding Notices
 - Distributed via email
 - Regional Advisory Committee (RAC) agenda item

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San Diego IRWM Stakeholders –

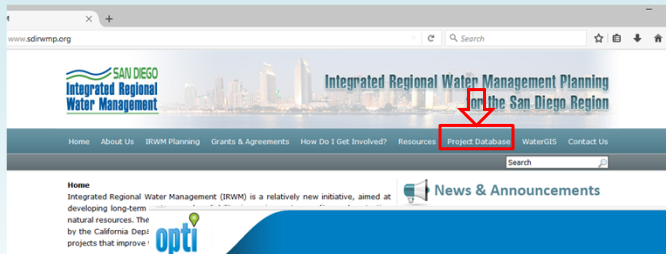
The Federal Emergency Management Agency (FEMA) has released notice for the new Building Resilient Infrastructure and Communities 2020 and Flood Mitigation Assistance 2020 funding programs. Applicants are required to submit a Notice of Interest for eligibility. The Notice of Interest period for both programs will open on September 1, 2020 and close on September 18, 2020. The application period opens at the end of September. Grant opportunities are summarized below.

A webinar for "Avoiding Application Pitfalls" is planned for September 1 and 2, 2020 at 11 am. Register [here](#).

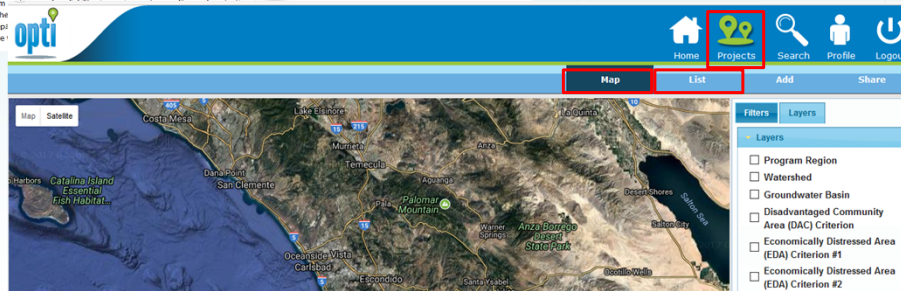


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Existing SDIRWM Resources on Website



- OPTI has **mapping** resources and information on **previously funded** projects



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<http://www.sdirwmp.org/>



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Mapping Resources and Data Download



- Download shapefiles on our website
- Data can also be downloaded from various tools, including:

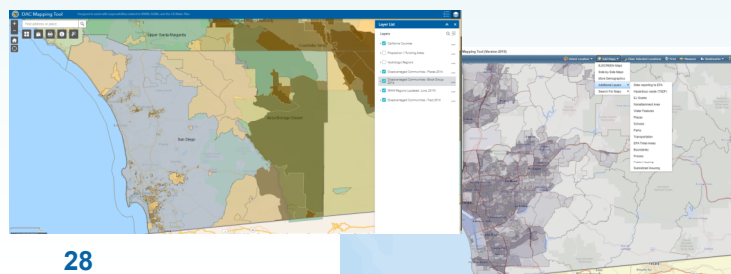
DWR DAC and EDA Mapping Tool

<https://gis.water.ca.gov/app/dacs/>

<https://gis.water.ca.gov/app/edas/>

EPA EJ Screen Tool

<https://ejscreen.epa.gov/mapper/>



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Review Past Successful Applications

- The Final SDIRWM grant applications for each round of funding are available on our website (local submissions in OPTI)
 - Compare benefits calculations for similar projects



The screenshot shows the website for the San Diego Integrated Regional Water Management (SDIRWM) program. The header features the logo and the title "Integrated Regional Water Management Planning for the San Diego Region". A navigation menu includes links for Home, About Us, IRWM Planning, Grants & Agreements (which is highlighted), How Do I Get Involved?, Resources, Project Database, WaterGIS, and Contact Us. Below the menu is a search bar. The main content area is titled "Grant Opportunities" and contains text stating that all IRWM funding opportunities are currently closed. It provides instructions on how to stay informed about future opportunities, including checking the website, attending RAC meetings, and joining a mailing list. A link to the "OPTI Database" and "OPTI Quick Start Guide" is provided. At the bottom, there is a contact link for technical questions: <https://sdirwmp.org/grant-opportunities>. The San Diego Integrated Regional Water Management logo is visible in the bottom right corner of the screenshot.

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Grant Administration

Loisa Burton, San Diego County Water Authority

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Public Comments

Save the Date:
The Climate Science Alliance is hosting the [2021 Southwest Adaptation Forum](#) April 6-8, 2021

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Current Funding Opportunities

Project Types	Deadline	Website
Prop 1 Technical Assistance Funding Program	Open: rolling	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/tech_asst_funding.html
Water Desalination Grant Program	Open: rolling	https://water.ca.gov/News/Public-Notices/2020/Sept-2020/Water-Desal-Grant-CAP

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2021 RAC Meeting Schedule

- Next RAC Meeting: April 7, 2021
- 2021 Meeting Schedule:
 - June 2, 2021
 - August 4, 2021
 - October 6, 2021
 - December 1, 2021

- Regular Meetings Held First Wednesday of Every Other Month -

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