

## **Notice of Public Meeting**

### **COORDINATING COMMITTEE REGULAR BUSINESS MEETING**

**Date:** Wednesday, November 10, 2021

**Time:** 10:00 – Noon

**Location:** (originally scheduled for Lake County) Meeting via Zoom:

**Join this meeting via Zoom from your computer, tablet or smartphone:**

<https://lakecounty.zoom.us/j/94064366350?pwd=Y2dSMnVhWkwrYmhydXJoc0NBMTt6UT09>

Meeting ID: 940 6436 6350, Passcode: 827398

One tap mobile: +16699006833,,94064366350#,,,,\*827398# US (San Jose)

### **AGENDA**

1. **Call Meeting to Order and Introductions, Recognize Kate Reza as incoming Administrative Coordinator** – Colias (5 min)
2. **\* Reconsider the circumstances of the state of emergency and determine that (i) The state of emergency continues to directly impact the ability of the members to meet safely in person and/or (ii) State or local officials continue to impose or recommend measures to promote social distancing.** Colias (5 min)
3. **\*Approve Consent Agenda** – Colias (5 min)
  - a. **Approve Today's Agenda** **\*\*To add an item to the agenda, see note below**
  - b. **Approve Minutes for September 8<sup>th</sup> virtual meeting**
  - c. **YCRCD Financial Update**
  - d. **Coordinating Committee Financial Report** – SCWA
4. **\*\*\* Public Comment:** This is time reserved for the public to address the Coordinating Committee on matters not on the agenda (5 min)
5. **DWR Update** – Siltanen (10 min)
6. **\*Approve MEI Contract for Services** – Colias/ McCord (10 min)
7. **Presentation: DWR Climate Change Program** – Lindsay Correa (15 min)
8. **Update on DWR DACI Phase 2 Work in the Westside and SRFA** – Burdick (10 min)
9. **\*Draft Protocol/Policy for Emergency Watershed Response** – Colias/Wrynski/Reza (10 min)
10. **\*IRWM Roundtable of Regions Annual Summit Attendance** – Wrynski (5 min)
11. **\*Draft CCC Project #214 – Emergency Fire Response Actions and/or Protocols** – Wrynski (10 min)
12. **Update on Lake County DACTI Infrastructure Grants** – Garibay (7 min)
13. **Drought Roundtable Discussion** – Colias and all (15 min)
14. **CC Member and Administrative Coordinator Reports, Regional Activities and Updates** – all (10 min)



**SOLANO COUNTY**  
**WATER AGENCY**



**15. Confirm Next Meeting Date and Location – Wednesday, January 12, 2022, 10:00 am, hosted by Napa County Flood Control and Water Conservation District.**

**16. Adjourn**

\*Indicates Action Item

\*\* Consideration of items not on the posted agenda: items must fit one of the following categories: 1) a majority determination that an emergency (as defined by the Brown Act) exists; or 2) a three-fourths vote by Coordinating Committee members present that the need to take action arose subsequent to the agenda being posted.

\*\*\* Members of the public may address any subject that is not otherwise on the agenda during Public Comment. Reasonable time limits will be imposed.

I declare under penalty of perjury that the foregoing was posted prior to 10 am on November 5<sup>th</sup>, 2021 on the door of the offices of the Lake County Water Resources Dept., Napa County Flood Control, Solano County Water Agency, Yolo County Flood Control and Water Conservation District, and the Yolo County Resource Conservation District.

Sabrina Colias, Chair \_\_\_\_\_ Date \_\_\_\_\_



**SOLANO COUNTY**  
**WATER AGENCY**



**REGULAR BUSINESS MEETING MINUTES**  
**WESTSIDE SAC IRWMP Coordinating Committee**

**Date:** Wednesday, November 10, 2021

**SCHEDULED TIME:** 10:00 AM – Noon

**Location:** Video only, via Zoom, due to COVID-19 Shelter-in-Place Order. Host – Lake County Water Resources

**Coordinating Committee Members Attending:**

County		Representative		Alternate
Solano	✓	Sabrina Colias, SCWA	✓	Chris Lee, SCWA
Napa	✓	Chris Silke, NC Flood Control		Richard Thomasser, NC Flood District
Yolo	✓	Elisa Sabatini, WRA	✓	Max Stevenson, PhD, YCFCWCD/WRA
Lake	✓	Marina Deligiannis, Lake County Water Resources Dept.	✓	Angela DePalma-Dow, Lake County Water Resources Dept.

**Others present:** Hannah Davidson - Hidden Valley Lake (HVL) CSD, Alyssa Gordon – HVLCSO, Scott Harter – Lake County Special District; Mattipohto (Matti) Siltanen – State DWR; Terre Logsdon – Scotts Valley Band of Pomo Indians, Jeanette Wrynski – Yolo County Resource Conservation District/IRWMP Administrative Coordinator

- 1. Call Meeting to Order and Introductions.** Ms. Colias called the meeting to order at 10:04 AM.
- 2. Approve Consent Agenda.** Ms. Colias stated that she would like to pull Item 5 – Approve MEI Contract for Services – from the agenda to defer it to the next meeting since Dr. McCord is unable to attend today’s meeting. She also wished to pull Item 7 since this would relate to the Small Grants Program, which has not been opened. After discussion, it was agreed to leave Item 7 and allow it to be a discussion item. ACTION: Approve the Consent Agenda, deferring Item 5 to the November meeting; MOTION: Stevenson; SECOND: DePalma-Dow; AYES: Unanimous (Colias, Silke, Sabatini, Deligiannis).
- 3. Public Comment.** There were no comments from the public.
- 4. DWR Update.** Mr. Siltanen reviewed the information on the handout provided in the packet, paying special attention to the highlighted items, and answering questions.
- 5. Approve MEI Contract for Services.** Per Item 2, above, this item is deferred to the November 10<sup>th</sup> meeting.
- 6. Approve New Project #213 – Post-Cache-Fire Water Sampling in Cache Creek.** Ms. DePalma-Dow described the fire and the proposed sampling sites upstream and downstream, estimates of cost, matched labor from both Lake County and Yolo County Flood Control. There was extended discussion about project logistics, needs and regional benefits. ACTION: Accept Project #213 into the Westside Plan after appropriate modifications by Ms. Wrynski and Ms. DePalma-Dow to Section III – Goals and Objectives – to address Plan Goals and Objectives. MOTION: Stevenson; SECOND: Silke; AYES: Unanimous (Colias, Silke, Sabatini, Deligiannis). Ms. Wrynski was directed to develop a Draft Project #214 for general emergency fire response actions for the next meeting. Ms. Logsdon asked that Tribal Government emergency declarations be included as well as state declarations.
- 7. Funding Request for Post-Cache-Fire Water Sampling.** This was discussed in the context of the Westside’s Small Grant Program. The existing program guidelines, calendar schedule and budget constraints were reviewed. This request does not fit the program timeline, and the Westside does not have sufficient, unallocated funds to open the Small Grants Program. Ms. Sabatini said that the County of Yolo has a contracted lab for sample analyses and offered \$10,000 of analysis value toward this project request. With \$2,000 from YCFCWCD and \$5,000 from Lake County Water Resources, that totals \$17,000. The CC asked that this item be on the agenda for the November meeting.
- 8. Short Presentations on County SGMA Status of Development.** Mr. Stevenson used a Power Point presentation to provide an overview of the formation of the Yolo Subbasin Groundwater Agency (YSGA), which started out as four subbasins and combined into one. There are 34 water providers in Yolo County; 25 formed the YSGA. The first draft, only 240 pages, of the Groundwater Sustainability Plan (GSP) is out for public review now, with comments due Oct. 27<sup>th</sup>. There are 8-10,000 production wells in the county; only 450 are monitored. Models still show an ability to recover groundwater levels. Ms. Deligiannis that the Big Valley Groundwater Sustainability Agency covers the one Priority Basin in Lake County. Kelsey and Adobe Creeks are within this



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basin, which is 12 mi wide and 8 miles long. They received Prop 68 Round 3 funding support of \$1.4M for facilitation and technical support. They have a June 2022 deadline. The GSA Charter was approved on April 27; public meetings are one to two times per month. Groundwater monitoring wells have been in Big Valley since 1990. They are transitioning all data to digital. They have draft chapters available for comment. A GSP Advisory Committee reports to the Board of Supervisors. Mr. Lee showed a map and indicated that Solano County had tried to develop a single GSA but they ended up with five: Vacaville, Solano, Sacramento County, Solano Irrigation District and North Delta. Their models are showing good recharge and good rebounds of water levels with stable predictions for the future. They have an extensive monitoring network but there are a few areas where they need additional monitoring. They are meeting with neighboring GSAs, especially Yolo. DWR is doing a very good job of providing support through Props 1 and 68. They expect to meet the January deadline for submission.

9. **Discuss/Approve 2021-22 Annual Work Plan.** Ms. Wrynski recapped the discussion at the prior meeting. ACTION: Approve the Annual Work Plan as presented; MOTION: Stevenson; SECOND Silke; AYES: Unanimous (Colias, Silke, Sabatini, Deligiannis).
10. **Drought Roundtable Discussion.** Ms. Colias opened the discussion. Ms. Wrynski was asked to and did clarify who is eligible and how to get the emergency drought funding available through DWR. Mr. Stevenson said that YCFD is hiring two part time people to work in Lake County.
11. **Status of Biennial Update of Westside Plan Projects.** Ms. Wrynski will get in touch with Mr. Stevenson and Ms. Colias to get what updates are possible.
12. **Discussion/Approve Time Frame for In-Person or Hybrid Meetings.** The CC agreed to stick with virtual meetings for now.
13. **CC Member and Administrative Coordinator Reports, Regional Activities and Updates.** Ms. DePalma-Dow reported that Lake County received state and federal funding to develop a plan for zebra and quagga mussel response in case they get them. There were no other reports.
14. **Confirm Next Meeting Date and Location.** Wednesday, November 10, 2021, 10:00 AM hosted by the Water Resources Association of Yolo County (WRA) through Yolo County Flood Control and Water Conservation District. The meeting will be held virtually.
15. **Adjourn.** The meeting was adjourned at 12:04 PM by Ms. Colias.

**Minutes respectfully submitted by:** Jeanette Wrynski, YCRCD. Approved on \_\_\_\_\_ by the Westside Sac IWRMP Coordinating Committee.

**Chair/Vice-Chair Rotation will be as follows:**

<b>1<sup>st</sup> Rotation</b>	<b>2<sup>nd</sup> Rotation</b>	<b>3<sup>rd</sup> Rotation</b>	<b>4<sup>th</sup> Rotation</b>
SCWA---Chair	NCFCWD---Chair	WRA---Chair	LCWPD---Chair
NCFCWD---VC	WRA---VC	LCWPD---VC	SCWA---VC

**Meeting locations will rotate throughout the Region as follows:**

Solano → Yolo → Lake, → Napa



**SOLANO COUNTY**  
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221 West Court Street, Suite 1  
Woodland, CA 95695

phone (530) 661-1688  
[www.yolorcd.org](http://www.yolorcd.org)

Invoice Date: October 6, 2021  
Invoice # 32

Westside Sac IRWMP Administrative Assistance  
Solano County Water Agency  
810 Vaca Valley Parkway, Suite 203  
Vacaville, CA 95688

7/1/2021 to 9/30/2021

Task	Item	Total Cost
Task 1	Deputy Director	\$7,920.00
	Administrative Coordinator	\$715.00
	Executive Director	\$373.75
	Financial Manager	\$595.00
	Office Manager	\$280.00
	<b>Labor</b>	<b>\$9,883.75</b>
	Printing	\$0.00
	Office Supplies	\$21.60
	Refreshments	\$0.00
	Computer	\$0.00
	<b>Materials</b>	<b>\$21.60</b>
<b>Total Task 1</b>		<b>\$9,905.35</b>
Task 2	Deputy Director	\$2,695.00
	<b>Labor</b>	<b>\$2,695.00</b>
	IT Support/Computer	\$240.00
	<b>Materials</b>	<b>\$240.00</b>
<b>Total Task 2</b>		<b>\$2,935.00</b>
Task 3	Deputy Director	\$2,970.00
	<b>Labor</b>	<b>\$2,970.00</b>
<b>Total Task 3</b>		<b>\$2,970.00</b>
Task 4	Deputy Director	\$5,390.00
	<b>Labor</b>	<b>\$5,390.00</b>
<b>Total Task 4</b>		<b>\$5,390.00</b>
<b>Subtotal</b>		<b>\$21,200.35</b>
Administration (15%)		\$39.24
<b>Invoice Total</b>		<b>\$21,239.59</b>

SCHEDULE OF DEPOSITS RECEIVED - WESTSIDE IRWMP  
2110SC

Solano County Water Agency

DEPOSIT							SOLANO	LAKE	NAPA	WATER		
DATE							COUNTY	COUNTY	COUNTY	RESOURCES		
							WATER	WATER	PUBLIC	ASSOC OF		
							AGENCY	RESOURCES	WORKS	YOLO	Total	
<b>Contributions</b>												
10/1/20	IRWMP BY 2021/2022	PREPAYMENT OF OPERATING BUDGET FOR ADMINISTRATION OF WESTSIDE IRWMP	BY 2021-22	107,500.00	21,500.00	21,500.00	21,500.00	21,500.00	43,000.00	107,500.00		
<b>Total Contributions</b>							<u>107,500.00</u>	<u>21,500.00</u>	<u>21,500.00</u>	<u>21,500.00</u>	<u>43,000.00</u>	<u>107,500.00</u>
Rollover amount							90,096.83					
<b>Total Available</b>							<u>197,596.83</u>					
<b>INVOICE</b>							<b>INVOICE</b>					
<b>DATE</b>	<b>INVOICE</b>	<b>Expenditures</b>					<b>AMOUNT</b>					
8/10/21	63115	SANTA ANA WATERSHED PROJECT AU - NETWORK COORDINATOR FOR THE CA IRWM					1,500.00	375.00	375.00	375.00	375.00	1,500.00
10/6/21	32	YOLO COUNTY RCD - WESTSIDE SAC IRWMP ADMIN JUL - SEP 2021					21,239.59	5,309.90	5309.9	5,309.89	5,309.90	21,239.59
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												-
<b>Total Expenditures</b>							<u>22,739.59</u>	<u>5,684.90</u>	<u>5,684.90</u>	<u>5,684.89</u>	<u>5,684.90</u>	<u>22,739.59</u>
<b>REMAINING BALANCE</b>							<u>174,857.24</u>					

**Grants****California Grants Portal**

The California State Library, in partnership with the Department of Water Resources and other state grantmaking agencies, has launched the California Grants Portal – your one destination to find all state grant and loan opportunities provided on a first-come or competitive basis. Visit [grants.ca.gov](https://grants.ca.gov) to find funding opportunities for you and your community.

**DWR: DRAFT SGMA Funding Guidelines and Proposal Solicitation Package**

The California Department of Water Resources (DWR) has released the draft [Guidelines](#) and [Proposal Solicitation Package](#) (PSP) for the [Sustainable Groundwater Management \(SGM\) Grant Program's](#) Sustainable Groundwater Management Act (SGMA) Implementation Funding. Round 1 will provide over \$150 million by spring 2022 to regional groundwater agencies in critically overdrafted basins for planning and implementation projects to help comply with SGMA. Future solicitation in 2022-2023 will provide over \$204 million from various funding sources. The public comment period began on October 13 and ends on November 29, 2021. A public meeting will be held on November 16, 2021 at 2:00 PM. The meeting will be recorded and posted. [Register here to attend virtually.](#)

**DWR: \$200 Million Drought Funding to Support Small Communities**

DWR released [guidelines](#) for how small water systems may apply for funds as part of the Small Community Drought Relief Program. Eligible projects must be designed to benefit small communities (< 3,000 connections or 3,000 AFY) located in counties under Governor Newsom's drought emergency proclamations or which the SWRCB may determine that drought conditions necessitate urgent and immediate action. Small communities impacted by the drought are encouraged to apply as soon as possible as funds will be dispersed on a first come first serve basis and can submit applications or questions to [SmallCommunityDrought@water.ca.gov](mailto:SmallCommunityDrought@water.ca.gov). This grant will fund projects that provide immediate or interim drinking water supplies such as hauled or bottled water deliveries, deepening of wells, new or temporary water tank storage, new pipelines and connections to more reliable nearby systems, etc. No local cost share is required.

**DWR: Final PSP for \$200 Million Drought Funding for Urban and Multibenefit Projects**

We are pleased to announce the release of the [FINAL 2021 Guidelines/Proposal Solicitation Package](#) for the Urban and Multibenefit Drought Relief Grant Program for public review. This solicitation will make approximately **\$190 million in grant funding** available for interim or immediate relief in response to conditions arising from drought across California. The drought relief goal is to address immediate impacts on human health and safety and on fish and wildlife resources, and to provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies. Applications will be received on a rolling basis, but those received by November 19<sup>th</sup> will be considered for the first batch of awards. Applications that are not awarded in the first phase and new applications submitted between November 20 and December 17, 2021 will be considered for the second phase of awards.

**Rural Community Assistance Corporation (RCAC): Free well assessments for private well owners**

Assessments include inspection and vulnerability assessment, potential contamination source identification, well construction inspection, water quality screening for nitrate, a written report with recommendations. To register contact Jerry Tinoco at (661) 401-1857 • [jtinoco@rcac.org](mailto:jtinoco@rcac.org) or [register online](#).

**UC Berkeley: Funding Opportunity for Government Innovators**

[The People Lab](#) at UC Berkeley invites applications from government agencies and nonprofits across California to co-design and test innovative policy ideas that have the potential to meaningfully improve the lives of Californians. Grant awards will include 2 years of technical support from UC Berkeley's The People Lab and \$100,000 - \$150,000 for project implementation. **Applications are being accepted on a rolling basis**, and [more info can be found here](#).

## October 2021 DWR Updates (from DWR's North Central Region Office)

Other state & federal grant websites for resources that may be helpful are:

- California Financing Coordinating Committee -- <https://cfcc.ca.gov/>, and
- CalOES grants -- <https://www.caloes.ca.gov/cal-oes-divisions/grants-management>
- US EPA -- <https://www.epa.gov/grants/specific-epa-grant-programs>, and
- Economic Development Administration -- <https://eda.gov/funding-opportunities/>

### Upcoming conferences, webinars, new reports and data

#### Flood-MAR (Managed Aquifer Recharge) Forum

This year's [Flood-Managed Aquifer Recharge \(Flood-MAR\) Public Forum](#) will feature a series of discussions with leaders from across California's water sector. There will be networking events designed for [students and young professionals](#) interested in Flood-MAR research. The forum will begin with a [listening session](#) that will provide an opportunity for Tribal governments to learn more about Flood-MAR. The forum will run Nov. 8–10. [Registration is required.](#)

There is also an ongoing [Lunch-MAR monthly speaker series](#). If you are interested in attending or getting involved please email [Jennifer.Marr@water.ca.gov](mailto:Jennifer.Marr@water.ca.gov) (916) 651-9229 to be added to the calendar invite. To join the [Flood-MAR listserv follow this link](#).

### Updated Groundwater Conditions Report and Maps Available

The [California Groundwater Conditions Update – Spring 2021](#) report and accompanying [maps](#) are available on DWR's Data and Tools webpage. The report and maps include a discussion of groundwater level trends with multi-year comparisons to spring 2021 groundwater level data.

#### Week of Webinars on Statewide Groundwater Management Efforts

DWR is hosting a week of webinars on statewide groundwater management efforts. **All presentations were recorded and will be posted on the SGMA webpage shortly .**

- 2022 Groundwater Sustainability Plan (GSP) Submittal Workshop
- 2022 Alternative 5-year Update Submittal Workshop
- Resources for Sustainable Groundwater Management Act (SGMA) Implementation
- Accessing Groundwater Data and Tools

#### Water Board: Drinking water needs assessments

For the first time, the State Water Resources Control Board has completed a comprehensive look at California water systems that are struggling to provide safe drinking water. [The needs assessment](#) identifies failing water systems and those at risk of failing. It also offers the most in-depth view of long-term drinking water safety the state has ever had. Details are available in this [news release](#).

#### SWRCB Releases 2012-2019 Public Water Supply Datasets

The State Water Resources Control Board's Division of Drinking Water has [released the latest round of electronic annual report datasets](#) from public drinking water systems. The release covers reporting years 2012–2019, including more than 7 million records for reporting year 2019.

#### U.S. Bureau of Reclamation: New Data sharing webpage



## October 2021 DWR Updates (from DWR's North Central Region Office)

The U.S. Bureau of Reclamation has released the new Reclamation Information Sharing Environment (RISE) website. It provides access to Reclamation's water-related data. The site includes maps to help search for data in a particular area. There is also a catalog offering access to datasets and time-series data. <https://data.usbr.gov/>

## SGMA

### Draft Drinking Water Well Principles and Strategies Document Open for Public Comment

The Draft Groundwater Management and Drinking Water Well Principles and Strategies are now available for public review and can be found at the [Drinking Water Wells Principles website](#). The State will host a 30-day public comment period and public webinar to review the draft principles and strategies and accept formal public comments. Public comments are due no later than **Thursday, October 7, 2021 by 5:00 PM PDT**. You can submit a public comment by the deadline or ask us questions anytime by sending an email to [sgmps@water.ca.gov](mailto:sgmps@water.ca.gov).

### Dry Well Reporting Site

There is a website available to [report private wells going dry](#) at <https://mydrywatersupply.water.ca.gov/report/>. This information reported to this site is intended to inform state and local agencies on drought impacts on household water supplies. The data reported on this site (excluding personal identifiable information) can be viewed on the [SGMA data viewer](#) or downloaded on the [CNRA Atlas](#). Individuals or local agencies can report water shortages and [a list of resources](#) are included on the webpage. The reporting forms are available in both English and Spanish.

DWR is developing eight Proposition 68-funded technical projects

These projects include airborne electromagnetic surveys, improving groundwater elevation and quality monitoring networks, Statewide land use data collection, improved subsidence monitoring network, installing and maintaining stream gauges, maintaining and enhancing statewide well completion reports, managing and reporting sustainable groundwater information, and enhancing and maintaining DWR's modeling tools. Fact sheets on each project can be viewed under the "Prop 68" tab [here](#).

- [AEM webpage](#) contains information on the how the process works, safety, schedule, data submission by GSAs, TAC, pilot study data and more. Public webinar was held **June 8<sup>th</sup> 12:00 – 1:00**, a [recording can be viewed here](#) and [handouts can be downloaded here](#).
- [New 2018 Statewide Crop Mapping data](#) dataset builds on the 2014 and 2016 statewide crop mapping datasets DWR previously released and includes multi-cropping information. The 2018 dataset includes agricultural land use and urban boundaries for all 58 counties in California.
- [InSAR subsidence data](#) is now available [through October of 2020](#) and can be viewed on the [SGMA data viewer](#). The updated GIS services and data reports are also available [online](#).

DWR Releases First Assessments of GSPs

On June 3<sup>rd</sup>, DWR released its first assessments of groundwater sustainability plans, which includes the approval of GSPs for the Santa Cruz Mid-County Basin and the 180/400-Foot Aquifer Subbasin. In addition, DWR also notified GSAs in the Cuyama Valley Basin and Paso Robles Subbasin that their GSPs lack specific details and are not yet approved. These assessments and notification letters, along with other pertinent information, can be viewed [here on the DWR SGMA Portal](#). Alongside the assessments, DWR has also prepared:

- A [video message](#) summarizing the current groundwater landscape, including drought conditions, and recent efforts to advance the development of principles and strategies related to groundwater management and drinking water well impacts, as described in Governor Newsom's [Drought Executive Order](#) issued on April 21, 2021.

## October 2021 DWR Updates (from DWR's North Central Region Office)

- A [GSP Evaluation fact sheet](#) summarizing SGMA's determination pathways for GSPs.
- A [press release](#) providing an overview of this initial release.
- A [Live Question and Answer Session](#) on **Thursday, June 24, 2021 from 11:30am to 1:00pm** to bring the SGMA community together to answer questions related to these first groundwater sustainability plan determinations. To participate in the Live Question and Answer Session, please see the [registration link](#).

### Outreach and Educational Materials Available

DWR's [SGMA Assistance and Engagement webpage](#) has added new communication and engagement toolkit items including:

- A new video – [Groundwater: California's Vital Resource](#) now available in [English](#), [Spanish](#), [Punjabi](#), and [Hmong](#)
- A Story Map for a non-technical audience – [Groundwater: Understanding and Managing this Vital Resource](#)
- [Guidance on Engaging and Communicating with Underrepresented Groundwater Users](#)
- [SGMA Communications: Media Relations and Social Media](#), including [DWR's Groundwater Media Contacts](#)
- "DWR's Assistance Role in Groundwater Management" video: [English](#) and [Spanish](#)

### DWR Releases Draft California's Groundwater – Update 2020

DWR has released the [draft California's Groundwater – Update 2020 \(Bulletin-118\)](#), containing information on the condition of the State's groundwater. DWR encourages community members and water managers to review the publication and provide input. The final document is expected to be released summer of 2021.

- Informational Video: [English](#), [Spanish](#)
- Fact Sheet: [English](#), [Spanish](#)
- FAQ: [English](#), [Spanish](#)
- [California's Groundwater Online](#)
- General Information Video: [Groundwater: California's Vital Resource](#)
- [English](#), [Spanish](#) recordings of Public Webinar

### CASGEM to Monitoring Network Module Transition Frequently Asked Questions Available

The [CASGEM to Monitoring Network Module Transition Frequently Asked Questions](#) (FAQ) document covers questions related to the Groundwater Monitoring Law, the California Statewide Groundwater Elevation Monitoring (CASGEM) Program, a GSP's required monitoring, the SGMA Portal's Monitoring Network Module (MNM), and a basin's or subbasin's transition from the CASGEM Online System to the SGMA Portal's Monitoring Network Module .

### SGMA Water Year Type Dataset Now Available

In the dataset, the water years are labeled as wet, above normal, below normal, dry, or critical based on the amount of precipitation during that water year and the previous one. The information is available for all California watersheds except those underlying the Sacramento River and San Joaquin River Hydrologic Regions since that information is already available. [Data](#) and a [development report](#) are now available.

### SVSim Beta Model Released

DWR has released the beta version of the [Sacramento Valley Groundwater-Surface Water Simulation Model \(SVSim\)](#) that can be used during GSP development. Instructions for use are included in the [Roadmap to Running SVSim](#) document.

### C2VSim Fine Grid Update Published April 2021

DWR has released an update to the Fine-Grid California Central Valley Groundwater-Surface Water Simulation (C2VSimFG) Model, which can be used by Groundwater Sustainability Agencies (GSAs) developing water budgets for their GSPs. [C2VSimFG Version 1.01](#) utilizes the latest version of the Integrated Water Flow Model

## **October 2021 DWR Updates (from DWR's North Central Region Office)**

software and corrects minor errors in the model files. These updates do not significantly affect the overall model calibration; however, resulting changes to simulated groundwater levels may vary by basin.

### **Draft Handbook for Water Budget Development**

The handbook has been posted on the SGMA webpage and can be [viewed at the following link](#) under the “reports” tab. A recent webinar discussing the handbook with a deeper dive on 4 topics [can be viewed here](#).

### **California Groundwater Conditions Update Report and Maps Available**

The [California Groundwater Conditions Update – Spring 2020](#) report and accompanying [maps](#) are available on the DWR website and present a summary of groundwater level data. The report and maps include a discussion of groundwater level trends with multi-year comparisons which can assist with the development of Groundwater Sustainability Plans (GSPs).

### **Facilitation Support Services (FSS): Funding still available**

- GSA’s developing GSPs are eligible to receive funding for identification and engagement of interested parties, meeting facilitation, interest-based negotiation/consensus building, and public outreach facilitation
- More information [can be found here](#). New written translation services available in 10 languages for outreach materials (5,000 word maximum).

Name of Project: **IRWM Grant-Writing Support**

## **SOLANO COUNTY WATER AGENCY**

### **AGREEMENT FOR PROFESSIONAL SERVICES (*Professional Services/Consultant*)**

THIS AGREEMENT, **effective September 1, 2021**, is between SOLANO COUNTY WATER AGENCY, a public agency existing under and by virtue of Chapter 573 of the 1989 statutes of the State of California, hereinafter referred to as "Agency," and McCord Environmental, Inc., hereinafter referred to as "Contractor."

The Agency requires services for supporting the Integrated Regional Water Management Plan Coordinating Committee; and the Contractor is willing to perform these services pursuant to the terms and conditions set out in this Agreement.

IT IS MUTUALLY AGREED, as follows:

#### **1. SCOPE OF SERVICES**

The Agency hereby engages the Contractor, and the Contractor agrees to perform the services for regional water management projects grant writing support, as described in Exhibit A, in accordance with the terms of this Agreement and any applicable laws, codes, ordinances, rules or regulations. In case of conflict between any part of this Agreement, this Agreement shall control over any Exhibit.

#### **2. COMPENSATION**

Compensation for services shall be as follows: Hourly rate of personnel plus any allowed reimbursable expenses based on unit costs as indicated on any allowed reimbursable expense in Exhibit B **not to exceed \$5,000** for all work contemplated by this Agreement.

#### **3. METHOD OF PAYMENT**

Upon submission of an invoice by the Contractor, and upon approval of the Agency's representative, the Agency shall pay the Contractor monthly in arrears for fees and allowed expenses incurred the prior month, **however in no event shall the cumulative total paid pursuant to this agreement exceed the maximum amount provided for in paragraph 2 of this Agreement.** Every invoice shall specify hours worked for each task identified in Exhibit A undertaken.

Each invoice shall be accompanied by a spreadsheet showing, by month, costs incurred to date for the project broken down by the Tasks identified in Exhibit A. The spreadsheet shall show, for each task, budget amounts, total expended and remaining amounts. The spreadsheet shall show a subtotal for each fiscal year covered by the contract. Any amendments to the contract shall be listed and incorporated into spreadsheet. An example of a typical spreadsheet shall be provided by the Agency.

4. **TIME OF PERFORMANCE**

This Agreement shall become effective as of the date it is executed and said services will take place between this date and **June 30, 2022**, as directed by the Agency.

5. **MODIFICATION AND TERMINATION**

This Agreement may be modified or amended only by written instrument signed by the parties hereto, and the Contractor's compensation and time of performance of this Agreement shall be adjusted if they are materially affected by such modification or amendment.

This Agreement may be terminated by the Agency at any time, without cause, upon written notification to the Contractor. The Contractor may terminate this Agreement upon 30 days written notice to Agency.

Following termination by the Agency or the Contractor, the Contractor shall be reimbursed for all expenditures made in good faith in accordance with the terms of this Agreement that are unpaid at the time of termination.

7. **INDEMNIFY AND HOLD HARMLESS**

*To the extent permitted by law, Contractor shall hold harmless, defend at its own expense, and indemnify Solano County Water Agency, its directors, officers, employees, and authorized volunteers, against any and all liability, claims, losses, damages, or expenses, including reasonable attorney's fees and costs, arising from all acts or omissions of Contractor or its officers, agents, or employees in rendering services under this contract; excluding, however, such liability, claims, losses, damages or expenses arising Solano County Water Agency's sole negligence or willful acts.*

8. **INSURANCE**

**Minimum Insurance Requirements:** Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries or death to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Contractor, his agents, representatives, employees or sub-contractors.

**Coverage** - Coverage shall be at least as broad as the following:

1. **Commercial General Liability (CGL)** - Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to Solano County Water Agency) or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability** – (if necessary) Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if Consultant has no owned

autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.

3. **Workers' Compensation Insurance** - as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease. **Waiver of Subrogation:** The insurer(s) named above agree to waive all rights of subrogation against the Solano County Water Agency, its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Agency; but this provision applies regardless of whether or not the Solano County Water Agency has received a waiver of subrogation from the insurer.

If the Contractor maintains broader coverage and/or higher limits than the minimums shown above, the Solano County Water Agency requires and shall be entitled to the broader coverage and/or higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Solano County Water Agency.

**Other Required Provisions** - The general liability policy must contain, or be endorsed to contain, the following provisions:

1. **Additional Insured Status:** Solano County Water Agency, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations.
2. **Primary Coverage:** For any claims related to this project, the Contractor's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to the Solano County Water Agency, its directors, officers, employees and authorized volunteers. Any insurance or self-insurance maintained by the Solano County Water Agency its directors, officers, employees and authorized volunteers shall be excess of the Contractor's insurance and shall not contribute with it.

**Notice of Cancellation:** Contractor shall notice to the Solano County Water Agency if any insurance policy required above is canceled.

**Self-Insured Retentions** - Self-insured retentions must be declared to and approved by the Solano County Water Agency. The Solano County Water Agency requires the Contractor to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or Solano County Water Agency.

**Acceptability of Insurers** - Insurance is to be placed with insurers having a current A.M. Best rating of no less than A: VII or as otherwise approved by Solano County Water Agency.

**Verification of Coverage** – Contractor shall furnish the Solano County Water Agency with certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Solano County Water Agency before work commences. However, failure to obtain the required documents prior to the work beginning shall not

waive the Contractor's obligation to provide them. The Solano County Water Agency reserves the right to require complete, certified copies of all required insurance policies, including policy Declaration pages and Endorsement pages.

**Sub-contractors** - Contractor shall require and verify that all sub-contractor maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that Solano County Water Agency its directors, officers, employees, and authorized volunteers are an additional insured are an additional insured on Commercial General Liability Coverage.

9. **COMPLIANCE WITH LAW**

The Contractor shall be subject to and comply with all federal, state and local laws and regulations applicable with respect to its performance under this Agreement, including but not limited to, licensing, employment and purchasing practices; and wages, hours and conditions of employment.

10. **RECORD RETENTION**

Except for materials and records, delivered to the Agency, the Contractor shall retain all materials and records prepared or obtained in the performance of this Agreement, including financial records, for a period of at least three years after the Contractor's receipt of the final payment under this Agreement. Upon request by the Agency, the Contractor shall make such materials and records available to the Agency at no additional charge and without restriction or limitation to State and federal governments at no additional charge.

11. **OWNERSHIP OF DOCUMENTS**

All materials and records of a finished nature, such as final plans, specifications, reports and maps, prepared or obtained in the performance of this Agreement, shall be delivered to and become the property of the Agency. All materials of a preliminary nature, such as survey notes, sketches, preliminary plans, computations and other data, prepared or obtained in the performance of this Agreement, shall be made available, upon request, to the Agency at no additional charge and without restriction or limitation on their use.

12. **SUBCONTRACT AND ASSIGNMENT**

This Agreement binds the heirs, successors, assigns and representatives of the Contractor. The Contractor shall not enter into subcontracts for any work contemplated under this Agreement and shall not assign this Agreement or monies due or to become due, without the prior written consent of the General Manager of the Agency or his designee, subject to any required state or federal approval. *(Note: list any subcontractors here)*

13. **NONRENEWAL**

The Contractor understands and agrees that there is no representation, implication, or understanding that the services provided by the Contractor under this Agreement will be purchased by the Agency under a new agreement following expiration or termination of

this Agreement, and waives all rights or claims to notice or hearing respecting any failure to continue purchase of all or any such services from the Contractor.

14. **NOTICE**

Any notices provided for herein are necessary to the performance of this Agreement and shall be given in writing by personal delivery or by prepaid first-class mail addressed as follows:

AGENCY

Roland Sanford, General Manager  
Solano County Water Agency  
810 Vaca Valley Parkway, Suite 203  
Vacaville, CA 95688

CONTRACTOR

Stephen McCord, President  
McCord Environmental, Inc.  
759 Bianco Court  
Davis, CA 95616

-----  
-----  
The parties have executed this Agreement the day and year first above written. If the Contractor is a corporation, documentation must be provided that the person signing below for the Contractor has the authority to do so.

Solano County Water Agency  
a Public Agency

By: \_\_\_\_\_  
Roland Sanford  
General Manager

By: \_\_\_\_\_  
Stephen McCord  
President

---

**FOR SCWA USE ONLY**

Contract Period: \_\_\_\_\_ to \_\_\_\_\_  
File Number: \_\_\_\_\_  
Account Manager: \_\_\_\_\_  
G/L Account #: \_\_\_\_\_  
Job Cost #: \_\_\_\_\_  
Contract Type: \_\_\_\_\_



# Exhibit A

## Scope of Work for IRWMP Grant Writing Support

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### Overview

The Westside Sacramento Integrated Regional Water Management Plan (IRWMP) Coordinating Committee oversees activities that support the current IRWM Plan. The Committee has asked McCord Environmental, Inc. (MEI) to support its water management objectives in the region by assisting with writing grant proposals for relevant projects in the region. A specific interest is in following up work performed and planned under a recently completed Brownfields Coalition Assessment grant.

The individual responsible for the work described herein will be Stephen McCord, President at MEI. MEI is a registered S Corporation and a state-certified Small Business. MEI serves clients throughout California and internationally in lake management. Dr. McCord obtained his M.S. and Ph.D. degrees in Civil and Environmental Engineering from UC Davis. He is a Registered Professional Engineer in California.

### Scope of Work

The scope of work is to support agencies in the five-county IRWMP region in preparing grant proposals for projects that help achieve the IRWMP's objectives. Specific tasks (i.e., support for specific proposals) will be performed after being mutually agreed upon by MEI and the Coordinating Committee.

*Deliverables: Communications with the Coordinating Committee on potential grant opportunities; completed grant proposals submitted.*

### Schedule

All work will be performed during the IRWMP's current fiscal year, thus September 2021 through June 2022.

# Exhibit B



**McCord Environmental, Inc.**  
**Rate Schedule**  
**Effective January 1, 2021 – December 31, 2021**

## PERSONNEL

<u>Role</u>	<u>Rate (\$/Hour)</u>
Support Staff	60
Project Scientist/Engineer	90
Field Work Lead	145
Technical Writer/Reviewer	195
President	245
Expert Witness	490

## REIMBURSABLE COSTS

### Travel:

- Local mileage Current IRS rate
- Transportation Actual expense
- Auto rental Actual commercial rate
- Fares Actual expense
- Room Actual expense
- Meals & incidentals \$66/day

### Field Meter Rental:

- Multi-parameter field meter profiler (depth, DO, temp., EC, pH, Chl a) \$75/day; \$600/month
- Multi-parameter field meter (DO, temp., EC, pH, ORP) \$35/day; \$350/month
- Single-parameter field meter (Chlorine residual, Turbidity) \$25/day (each); \$250/month
- Water level sensor \$10/day; \$100/month; \$500/year

### Other Direct Costs (including equipment rental, report reproductions and special mailing):

- Actual expense

### Subcontractors:

Actual expenses plus 10% administration fee.



# CLIMATE CHANGE PROGRAM

The DWR Climate Change Program is committed to building resiliency in water management by preventing, preparing for, and adapting to climate change. We perform a wide range of science-based services for water managers and provide technical assistance to improve research, monitoring, and strategies to address the challenges posed by climate change.

## Guiding Principles

1. We ask, "what else can we do?" on a continual basis, to facilitate ongoing improvements in carrying out our objectives.
2. We conduct business in an ethical, fiscally sound, and employee-focused manner.
3. Most of all, we lead by example.

DWR supports numerous partnership initiatives that improve science-practitioner collaboration, foster the use of the best available science in water management, and create unique public outreach on the impacts of climate change on the State of California.



RESOURCES LEGACY FUND®  
CREATIVE SOLUTIONS. LASTING RESULTS.

Cornell University

## REGIONAL CLIMATE CHANGE SPECIALISTS



**Lindsay Correa**  
*North Central Region Office*  
[Lindsay.Corraa@water.ca.gov](mailto:Lindsay.Corraa@water.ca.gov)

North Central Region Office  
3500 Industrial Blvd #131,  
West Sacramento, CA 95691



**Peter Coombe**  
*Northern Region Office*  
[Peter.Coombe@water.ca.gov](mailto:Peter.Coombe@water.ca.gov)

Northern Region Office  
2440 Main St,  
Red Bluff, CA 96080



**Jennifer Morales**  
*South Central Region Office*  
[Jennifer.Morales@water.ca.gov](mailto:Jennifer.Morales@water.ca.gov)

South Central Region Office  
3374 E Shields Ave,  
Fresno, CA 93726



**Vanessa Velasco**  
*Southern Region Office*  
[Vanessa.Velasco@water.ca.gov](mailto:Vanessa.Velasco@water.ca.gov)

Southern Region Office  
770 Fairmont Ave,  
Glendale, CA 91203

---

## STATE CLIMATE CHANGE SUPPORT

### Mitigation



**Michelle Jespersen**  
*Carbon Sequestration*  
[Michelle.Jespersen@water.ca.gov](mailto:Michelle.Jespersen@water.ca.gov)



**Jordi Vasquez**  
*GHG Reporting & Outreach*  
[Jordi.Vasquez@water.ca.gov](mailto:Jordi.Vasquez@water.ca.gov)

### Adaptation



**Romain Maendly**  
*Engineering Studies*  
[Romain.Maendly@water.ca.gov](mailto:Romain.Maendly@water.ca.gov)



**Wyatt Arnold**  
*Modeling Approaches*  
[Wyatt.Arnold@water.ca.gov](mailto:Wyatt.Arnold@water.ca.gov)

### DWR and Program Support



**Andrew Schwarz**  
*State Water Project*  
[Andrew.Schwarz@water.ca.gov](mailto:Andrew.Schwarz@water.ca.gov)



**Emily Alejandrino**  
*Project Mgmt., Tribal & Web*  
[Emily.Alejandrino@water.ca.gov](mailto:Emily.Alejandrino@water.ca.gov)

---

## CLIMATE CHANGE PROGRAM MANAGEMENT

**John Andrew**  
*Executive Manager*  
[John.Andrew@water.ca.gov](mailto:John.Andrew@water.ca.gov)

**Elissa Lynn**  
*Program Manager*  
[Elissa.Lynn@water.ca.gov](mailto:Elissa.Lynn@water.ca.gov)

[water.ca.gov/Programs/All-Programs/Climate-Change-Program](http://water.ca.gov/Programs/All-Programs/Climate-Change-Program)

# FREE WEBINAR SERIES

# Climate Resilience and Integrated Regional Water Management: Building Successful Partnerships

VIRTUAL CONFERENCE

**NOV. 15, 16 & 17, 2021**

**8:30 – 11:00 A.M.**



**Nov. 15: Climate Science and Resilience: Programs, Plans and Partners**

**Nov. 16: How Regions are Addressing Climate Resilience; Tools and Resources**

**Nov. 17: Working Together for Regional Resilience**

[CLICK HERE TO REGISTER](#)

**Join us to:**

- Gain a greater understanding of climate resilience, adaption, and mitigation efforts and mandated Plans.
- Highlight working with partners to achieve water and climate resilience at both the regional and statewide scales.
- Share practical ideas, tools, and action steps for immediate implementation.
- Learn more about the Identification of and alignment with funding opportunities.
- Strengthen commitment to implementing Human Right to Water and other initiatives particularly to address the needs of Tribes and underserved communities.

**Who Should Attend:**

IRWM region managers and practitioners • Water and environmental resource managers • NGOs • State agencies and other resource management groups • Tribes • Under-represented communities • Climate researchers and experts • Academics • Floodplain managers • Coastal and sea level rise interests • Groundwater resource managers • Anyone interested in water management •

More information at: [www.RoundtableofRegions.org](http://www.RoundtableofRegions.org)

Sponsored By:



CALIFORNIA DEPARTMENT OF **WATER RESOURCES**



Governor's Office of **Planning and Research**



MAVEN'S NOTEBOOK  
*California water, verbatim.*



**Local Government Commission**



**California Stormwater Quality Association**



**ARCCA**



# FREE WEBINAR SERIES

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**Nov. 15: Climate Science and Resilience: Programs, Plans and Partners**

**Nov. 16: How Regions are Addressing Climate Resilience; Tools and Resources**

**Nov. 17: Working Together for Regional Resilience**

## AGENDA

### Purpose:

The purpose of the 2021 Roundtable of Regions Summit is to create and deliver timely, practical, and adaptable information on climate change planning resources. This Summit will highlight working with partners to achieve water and climate resilience at both the regional and statewide scales. The strength and value of IRWM is that it is a well-established program that engages small and large water providers, Tribes, underserved communities, and other interested stakeholders.

### Desired Outcomes:

- Gain a greater understanding of climate resilience, adaption, and mitigation efforts and mandated Plans.
- Highlight working with partners to achieve water and climate resilience at both the regional and statewide scales.
- Share practical ideas, tools, and action steps for immediate implementation.
- Learn more about the Identification of and alignment with funding opportunities.
- Strengthen commitment to implementing Human Right to Water and other initiatives particularly to address the needs of Tribes and underserved communities.

Sponsored By:



CALIFORNIA DEPARTMENT OF  
**WATER RESOURCES**



Governor's Office of  
**Planning and Research**



MAVEN'S NOTEBOOK  
*California water, verbatim.*



**Local  
Government  
Commission**



California Stormwater  
**Quality Association**



**ARCCA**



## Day 1: Climate Science and Resilience: Programs, Plans and Partners

Item	Time	Agenda Item	Presenters
1.	8:30 a.m.	<p>Welcome</p> <p>Logistics</p> <p>Webinar Format</p>	<p><b>Host: Chris Austin</b>, Maven's Notebook</p> <p><b>Summit Moderator: Mike Antos</b>, Stantec</p>
2.	8:40	Land Acknowledgement	<b>Sam Cohen</b> , Chumash Tribe
3.	8:50	<b>Keynote Speaker: DWR's Commitment to Climate Resilience and IRWM</b>	<b>John Andrew</b> , Deputy Director, Climate Resilience, CA Department of Water Resources (DWR)
4.	9:05	<p><b>What Climate Science Tells us about California's Water Future, and the Need for Resiliency Planning</b></p> <ul style="list-style-type: none"> <li>• Climate Resilience Overview <ul style="list-style-type: none"> <li>○ Adaptation</li> <li>○ Resilience</li> <li>○ Mitigation</li> </ul> </li> <li>• California's Water Future</li> <li>• Regional Application of Climate Modeling for IRWM Planning</li> </ul>	<p><b>Nuin-Tara Key</b>, Deputy Director: Climate, Office of Planning and Research (OPR)</p> <p><b>Alex Hall</b>, Director of the Center for Climate science, UCLA</p> <p><b>Lynn Rodriguez</b>, Watersheds Coalition of Ventura County (WCVC)</p>
5.	9:50	<b>BREAK</b>	
6.	9:55	<p><b>What's Going On? A Tapestry of Who's Doing What on Climate Change at the State Level</b></p> <p>Q&amp;A</p>	<b>Jennifer Morales</b> , DWR
7.	10:15	<p><b>Working in Partnership to Build Climate and Water Resilient Communities in California</b></p> <ul style="list-style-type: none"> <li>• <b>Association of California Water Agencies (ACWA)</b></li> <li>• <b>California Stormwater Quality Association (CASQA)</b></li> <li>• <b>California Association of Resource Conservation Districts (CARCD)</b></li> <li>• <b>Local Government Commission (LGC)</b></li> <li>• <b>Floodplain Management Association (FMA)</b></li> </ul>	<p><b>Moderator: Jenna Voss</b>, South Orange County IRWM</p> <p><b>Panel:</b>  <b>Soren Nelson</b>, ACWA  <b>Karen Cowan</b>, CASQA  <b>Karen Buhr</b>, CARCD  <b>Danielle Dolan</b>, LGC  <b>Mike Nowlan</b>, FMA</p>
8.	10:55	<p><b>Day 1 Wrap-Up</b></p> <p><b>Preview Day 2</b></p>	<p><b>Jenna Voss</b></p> <p><b>Mike Antos</b></p>

**Day 2: How Regions are Building Climate Resilience; Tools and Resources**

<b>Item</b>	<b>Times</b>	<b>Agenda Item</b>	<b>Presenters</b>
1.	8:30 a.m.	Welcome  Logistics	<b>Host: Chris Austin</b> , Maven’s Notebook  <b>Summit Moderator: Mike Antos</b> , Stantec
2.	8:40	<b>Opening Speaker: Why IRWM is Key to Managing the State’s Water Resources Under Climate Change</b>	<b>Dave Eggerton</b> , Executive Director, ACWA
3.	8:55	<b>Climate Change Analysis in IRWM Plans</b>	<b>Moderator: Holly Alpert</b> , Inyo-Mono IRWM  <b>Ted Daum</b> , DWR <b>Jennifer Morales</b> , DWR <b>Romain Maendly</b> , DWR
4.	9:40	Break	
5.	9:45	<b>How IRWM Regions use Climate Change Analysis to Guide Adaptation Strategies</b>  Q&A	<b>Moderator: Holly Alpert</b>  <b>Ian Achimore</b> , Santa Ana Watershed Project Authority (SAWPA) <b>Karen Gaffney</b> , North Coast Resource Partnership (NCRP) <b>Melinda Barrett</b> , Yosemite-Mariposa IRWM <b>Ross Clark</b> , Central Coast Wetlands Group <b>Carlos Quiroz</b> , Quiroz Communications
6.	10:50	<b>Day 2 Wrap-Up</b>  <b>Preview Day 3</b>  <b>Directions for Breakout Sessions</b>	<b>Holly Alpert</b>  <b>Mike Antos</b>
7.	11:00	<b>OPTIONAL: Group Discussion</b>  Topic: Discuss adaptation practices with communities of interest	
8.	12:00 p.m.	Adjourn	



### Day 3: Working Together for Regional Resilience

Item	Time	Agenda Item	Presenters
1.	8:30 a.m.	<p><b>Welcome</b></p> <p><b>Logistics</b></p>	<p><b>Host: Chris Austin</b>, Maven's Notebook</p> <p><b>Summit Moderator: Mike Antos</b>, Stantec</p>
2.	8:40	<p><b>Panel: How Does California Sustain it's 20-Year Investment in Regional Collaboration for Increasing Resilience?</b></p>	<p><b>Moderator: Lynn Rodriguez</b>, WCVC</p> <p><b>Panel:</b></p> <p><b>Joaquin Esquivel</b>, Chair, California Water Boards</p> <p><b>Kris Tjernell</b>, Deputy Director, Integrated Watershed Management, DWR</p> <p><b>Kip Lipper</b>, Chief Policy Advisor on Energy and Environment, Senate pro Tem</p>
3.	9:20	<p><b>Panel: How Does/Should the State Value Collaborative Regional Groups When Providing Technical and Financial Assistance for Resilience?</b></p> <p><b>Q&amp;A</b></p>	<p><b>Moderator: Mike Antos</b></p> <p><b>Carmel Brown</b>, Financial Assistance Branch Manager, DWR</p> <p><b>Joe Karkoski</b>, Deputy Director, Div. of Financial Assistance, State Water Resources Control Board (SWRCB)</p> <p><b>Nuin-Tara Key</b>, OPR</p> <p><b>Angelina Cook</b>, Upper Sacramento-McCloud IRWM</p>
4.	10:00	<b>BREAK</b>	
5.	10:05	<b>Guided Group Discussion Forum; Broadening Regional Collaboration through Partnerships</b>	<b>Moderator: Lynn Rodriguez</b>
6.	10:45	<p><b>Bringing it all together – Wrap Up</b></p> <ul style="list-style-type: none"> <li>• Call to Action</li> <li>• Action: Goal, Plans, Support</li> </ul>	<p><b>Mike Antos</b></p> <p><b>Jenna Voss</b></p> <p><b>Holly Alpert</b></p> <p><b>Lynn Rodriguez</b></p>
7.	10:50	<b>Collaboration through IRWM; Water Industry Role in Fostering Success</b>	<b>Rick Callender</b> , CEO, Valley Water (invited)
8.	11:00	<b>Adjourn</b>	<b>Mike Antos</b>



## Project Information Form

The Westside Region is continuously accepting projects for inclusion in the Westside Sac Integrated Regional Water Management (IRWM) Plan. Projects submitted for consideration should contribute to the attainment of the IRWM Plan Goals and Objectives. To have your project considered for inclusion, please complete this project information form in its entirety and submit the completed form to [info@westsideirwm.com](mailto:info@westsideirwm.com).

Please provide information in the tables below:

### I. Project Proponent Information

<b>Lead Agency/ Organization</b>	
<b>Name of Primary Contact</b>	
<b>Mailing Address</b>	
<b>E---mail</b>	
<b>Phone ###-###-####</b>	
<b>Other Cooperating Agencies/Organizations</b>	
<b>Is your agency committed to the project through completion? If not, please explain</b>	

### II. General Project Information

<b>Project Title</b>	
<b>Project Description (Briefly describe the project, in 300 words or less,)</b>	

<b>Project Location:</b>	
<b>Latitude:</b>	
<b>Longitude:</b>	
<b>Can you provide a map of the project location including boundaries upon request?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> No
<b>Project Location Description:</b>	
<b>County:</b>	
<b>City/Community:</b>	
<b>Watershed:</b>	
<b>Groundwater Basin:</b>	
<b>Planning Area:</b>	
<b>Additional Comments:</b>	
<b>Project Status (Check only one)</b>	<input type="checkbox"/> Conceptual <input type="checkbox"/> Planning <input type="checkbox"/> CEQA/NEPA <input type="checkbox"/> Permitting <input type="checkbox"/> Design <input type="checkbox"/> Construction/Implementation <input type="checkbox"/> Study/Other <input type="checkbox"/> Maintenance/Monitoring
<b>Earliest expected start date (mm/dd/yr)</b>	

### III. Plan Goals/Objectives Addressed

For each of the goals/objectives addressed by the project, provide a one to two sentence description of how the project contributes to attaining the objective. Information related to the proposed goals and objectives can be found at [www.westsideirw.com/irwm-plan/](http://www.westsideirw.com/irwm-plan/). If the project does not address any of the IRWM plan objectives, provide a one to two sentence description of how the project relates to a challenge or opportunity in the region.

<b>Goal(s) that the Project will help fulfill:</b>	
<b>Objective(s) that the Project will help accomplish:</b>	

<p><b>Explanation of Project linkage to goals and objectives</b></p>	
<p><b>How will the project be measured to ensure the goals and objectives are being fulfilled?</b></p>	

**IV. Resource Management Strategies**

For each resource management strategy employed by the project, provide a one to two sentence description in the table below of how the project incorporates the strategy. A description of the Resource Management Strategies can be found in the 2018 Update to the California Water Plan here: <https://water.ca.gov/Programs/California-Water-Plan/Water-Resource-Management-Strategies>

Reduce Water Demand	
Agricultural Water Use Efficiency	
Urban Water Use Efficiency	
Improve Flood Management	
Flood Management	
Improve Operational Efficiency and Transfers	
Conveyance --- Delta	
Conveyance --- Regional / local	
System Reoperation	
Water Transfers	
Increase Water Supply	
Conjunctive Management & Groundwater	
Desalination – Brackish and Sea Water	
Municipal Recycled Water	
Precipitation Enhancement	
Surface Storage ----- CALFED and State	
Surface Storage ----- Regional and Local	

<b>Improve Water Quality</b>	
Drinking Water Treatment and Distribution	
Groundwater and Aquifer Remediation	
Matching Water Quality to Use	
Pollution Prevention	
Salt and Salinity Management	
Urban Stormwater Runoff Management	
<b>Practice Resources Stewardship</b>	
Agricultural Lands Stewardship	
Ecosystem Restoration	
Forest Management	
Land Use Planning and Management	
Recharge Areas Protection	
Sediment Management	
Watershed Management	
<b>People and Water</b>	
Economic Incentives	
Outreach and Engagement	
Water and Culture	
Water-Dependent Recreation	

**V. Project Impacts and Benefits**

Please select all the project benefit categories that apply and provide a brief explanation. If the project benefits do not fit any of the listed categories, please explain in the box further below.

<b>Benefit Categories:</b>	<b>Brief Explanation of Selected Benefits</b>	<b>Quantification (e.g. acre-feet of water supplied, acres of habitat restored)</b>
<b>Increase Water Supply</b>		
<b>Improve Water Quality</b>		
<b>Groundwater Improvements</b>		
<b>Water Conservation and Reuse</b>		

<b>Watershed Rehabilitation</b>			
<b>Habitat Improvements</b>			
<b>Flood Management</b>			

Other Benefits:

Please provide a summary of the expected project benefits and impacts in the table below.

<b>a. Describe any expected impacts of the project</b>	
<b>b. If applicable, describe benefits or impacts of the project with respect to Native American Tribal Community considerations.</b>	
<b>c. If applicable, describe benefits or impacts of the project with respect to Disadvantaged Communities*.</b>	
<b>d. If applicable, describe benefits or impacts of the project with respect to Environmental Justice ** considerations.</b>	

<p><b>e. If applicable, describe how the project assists the region in adapting to effects of climate change.</b></p>	
<p><b>f. If applicable, describe the generation or reduction of greenhouse gas emissions associated with the project.</b></p>	

\*A Disadvantaged Community is defined as a community with an annual median household (MHI) income that is less than 80 percent of the Statewide annual MHI. A map identifying DACs in the Westside Region is available at <https://water.ca.gov/Work-With-Us/Grants-And-Loans/Mapping-Tools>

\*\* Environmental Justice is defined as the fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation and enforcement of environmental laws, regulations and policies.

## VI. Statewide Program Preferences and Priorities

Please select the Program Preferences and Statewide Priorities that apply to the proposed project (choose all that apply).

### Program Preferences

- Include regional projects or programs (CWC §10544)
- Effectively integrate water management programs and projects within a hydrologic region identified in the California Water Plan; the Regional Water Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively integrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving State funding for flood control or flood prevention projects pursuant to PRC §5096.824 or §75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.

## Statewide Priorities

### Drought Preparedness

- Promote water conservation, conjunctive use, reuse and recycling
- Improve landscape and agricultural irrigation efficiencies
- Achieve long term reduction of water use
- Efficient groundwater basin management
- System inerties

### Use and Reuse Water More Efficiently

- Increase urban and agricultural water use efficiency measures such as conservation and recycling
- Capture, store, treat, and use urban stormwater runoff (such as percolation to usable aquifers, underground storage beneath parks, small surface basins, domestic stormwater capture systems, or the creation of catch basins or sumps downhill of development)
- Incorporate and implement low impact development (LID) design features, techniques, and practices to reduce or eliminate stormwater runoff

### Climate Change Response Actions

- Adaptation to Climate Change: Advance and expand conjunctive management of multiple water supply sources
- Adaptation to Climate Change: Use and reuse water more efficiently
- Adaptation to Climate Change: Water management system modifications that address anticipated climate
  - Adaptation to Climate Change: Establish migration corridors, re-establish river-floodplain hydrologic continuity, re-introduce anadromous fish populations to upper watersheds, enhance and protect upper watershed forests and meadow systems
- Reduction of Greenhouse Gas (GHG) Emissions: Reduce energy consumption of water systems and uses
- Reduction of Greenhouse Gas (GHG) Emissions: Use cleaner energy sources to move and treat water
- Reduce Energy Consumption: Water use efficiency
- Reduce Energy Consumption: Water recycling
- Reduce Energy Consumption: Water system energy efficiency

### Expand Environmental Stewardship

- Expand Environmental Stewardship to protect and enhance the environment by improving watershed, floodplain, and instream functions and to sustain water and flood management



ecosystems.

**Practice Integrated Flood Management**

- Better emergency preparedness and response
- Improved flood protection
- More sustainable flood and water management systems
- Enhanced floodplain ecosystems
- LID techniques that store and infiltrate runoff while protecting groundwater

**Protect Surface Water and Groundwater Quality**

- Protecting and restoring surface water and groundwater quality to safeguard public and environmental health and secure water supplies for beneficial uses
- Salt/nutrient management planning as a component of an IRWM Plan

**Improve Tribal Water and Natural Resources**

- Improve Tribal Water and Natural Resources and include the development of Tribal consultation, collaboration, and access to funding for water programs.

**Ensure Equitable Distribution of Benefits**

- Increase the participation of small and disadvantaged communities in the IRWM process.
- Develop multi-benefit projects with consideration of affected disadvantaged communities and vulnerable populations.
- Contain projects that address safe drinking water and wastewater treatment needs of DACs.
- Address critical water supply or water quality needs of California Native American Tribes within the region.

**VII. Project Cost and Financing**

Please provide any estimates of project cost, sources of funding, and operation and maintenance costs as well as the source of the project cost in the table below.

<b>a. Project Costs</b>		
<b>1. Capital (2020 Dollars)</b>		
<b>2. Annual Operations and Maintenance (O&amp;M)</b>		
<b>b. List secured source(s) of funding</b>	<b>Source(s)</b>	<b>Amount</b>

<b>c. List proposed source(s) of funding and certainty of the sources.</b>		
<b>d. For capital projects, explain how operation and maintenance costs will be financed.</b>		
<b>e. Basis for project cost</b>		
<b>f. Can a detailed cost estimate be provided upon request?</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**VIII. Project Status and Schedule**

Please provide a status of the project, level of completion as well as a description of the activities planned for each project stage.

<b>Project Stage</b>	<b>Description of Activities in Each Project Stage</b>	<b>Planned/Actual Start Date</b>	<b>Planned/Actual Completion Date</b>
<b>a. Conceptual</b>			
<b>b. Planning</b>			
<b>c. Environmental Documentation (CEQA/NEPA)</b>			
<b>d. Permitting</b>			
<b>e. Tribal Consultation</b>			
<b>f. Design</b>			
<b>g. Construction/Implementation</b>			

**IX. Project Technical Feasibility**

Please provide any related documents (date, title, author, and page numbers) that describe and confirm the technical feasibility of the project.

<p><b>a. List water planning documents that specifically identify this project.</b></p>	
<p><b>b. List the adopted planning documents the proposed project is consistent with (e.g. General Plans, UWMPs, GWMPs, Water Master Plans, Habitat Conservation Plans, etc.)</b></p>	
<p><b>c. List technical reports and studies supporting the feasibility of this project.</b></p>	
<p><b>d. If you are an Urban Water Supplier:</b></p>	
<p><b>1. Have you completed an Urban Water Management Plan and submitted to DWR?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>2. Are you in compliance with AB1420?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>3. Do you comply with the water meter requirements (CWC §525)</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>4. If the answer to any of the questions above is “no”, do you intend to comply prior to receiving Project funding</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>e. If you are an Agricultural Water Supplier:</b></p>	
<p><b>1. Have you completed and submitted an AWMP?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>2. If not, will you complete and submit an AWMP prior to receiving project funding?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>f. If the project is related to groundwater:</b></p>	
<p><b>1. Has a SGMP been completed and submitted for the subject basin?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>
<p><b>2. If not will a SGMP be completed within 1 year of the grant submittal date?</b></p>	<p><input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> N/A</p>