

# SGMA Workshop

January 8, 2020 – Paso Robles | January 9, 2020 – Clovis



CALIFORNIA DEPARTMENT OF WATER RESOURCES  
SUSTAINABLE GROUNDWATER  
MANAGEMENT OFFICE



# Groundwater Sustainability Plan Evaluation & Assessment Process

SGMA Workshops | January 8, 2020 – Paso Robles | January 9, 2020 – Clovis



CALIFORNIA DEPARTMENT OF WATER RESOURCES  
SUSTAINABLE GROUNDWATER  
MANAGEMENT OFFICE

# Overview

- Groundwater Sustainability Plans (GSPs)
- DWR's Role in GSP Review
- Submittal and Posting GSPs
- Evaluation and Assessment

# A Groundwater Sustainability Plan is...

- A single plan -or- multiple plans coordinated pursuant to a coordination agreement...
- Covering the entire basin...
- Developed and implemented by a Groundwater Sustainability Agency (GSA)...
- To achieve the locally-defined sustainability goal.
- *See Chapter 6 of SGMA and the GSP Emergency Regulations*

# GSP Content

1. Administrative Information
2. Basin Setting
  - i. Hydrogeologic Conceptual Model
  - ii. Groundwater Conditions
  - iii. Water Budget
3. Sustainable Management Criteria
4. Monitoring Network
5. Projects and Management Actions

# Applicability and Timelines

- GSPs are required for all medium- and high-priority groundwater basins, as designated by DWR
- GSPs must be adopted and submitted by:
  - January 31, 2020 for critically-overdrafted basins
  - January 31, 2022 for all other medium- and high-priority basins

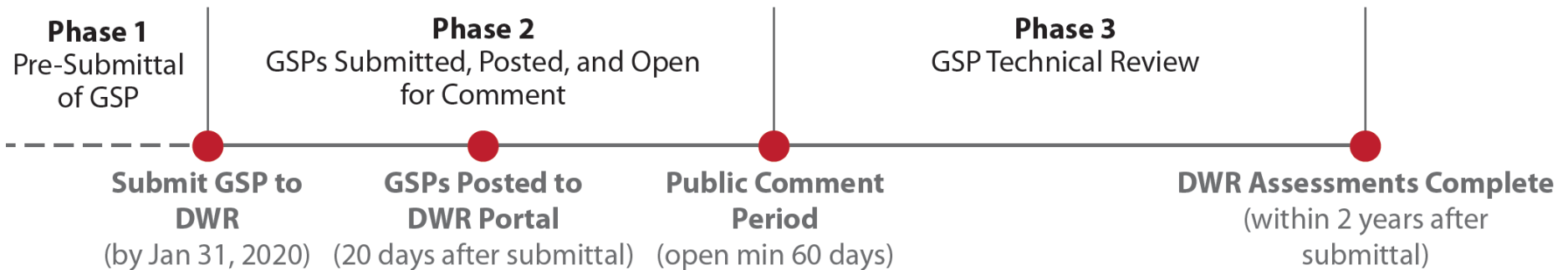
# DWR Responsibilities

Chapter 10 of SGMA requires DWR to:

- Adopt regulations for evaluation and implementation of GSPs
- Receive GSPs
- Post GSPs to our website within 20 days and provide a public comment period
- Evaluate GSPs within two years
- Receive and evaluate alternatives
- Perform ongoing review of GSPs (at least every five years)

# GSP Submittal and Evaluation Process

## *GSP Submittal and Evaluation Timeline*



## Joint DWR and State Water Board Fact Sheet

[https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Groundwater-Sustainability-Plans/Files/GSP/SGMO\\_GSP-Overview\\_v12\\_FactSheet-a-y19](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Groundwater-Sustainability-Plans/Files/GSP/SGMO_GSP-Overview_v12_FactSheet-a-y19)



# Questions?

- Direct your SGMA questions to [sgmps@water.ca.gov](mailto:sgmps@water.ca.gov) or your Regional Office Points of Contact (POC)
- Subscribe to DWR SGMP Email List: <https://bit.ly/2HdRRGK>

# Groundwater Sustainability Plan Reporting System

SGMA Workshops | January 8, 2020 – Paso Robles | January 9, 2020 – Clovis



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# Overview

- GSP Submittal Tips and Resources
- GSP Reporting System Steps For GSP Submittal
- Coordination Agreement Submittal
- Public View of GPS the SGMA Portal
- Public Comments
- Questions

# GSP Submittal Tips and Resources

- Start Early!
- Recommend using Chrome or Firefox
- Resources Available
  - SGMA Website  
<https://water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management/Groundwater-Sustainability-Plans>
  - YouTube Presentation  
<https://www.youtube.com/watch?v=TRm4E0YIW2Q&feature=youtu.be>





# GSP Reporting System Resources

**CA.GOV .GOV SGMA PORTAL** [Sign In](#)

[Home](#) [GSA](#) [GSP](#) [Alternatives](#) [Adjudicated Areas](#) [Basin Modification](#)

## GSP Reporting System

### Public Access

-  **View/Comment on Submitted GSPs**
-  **GSP Submittals Map Viewer**
-  **View/Comment on Submitted GSP Initial Notifications**
-  **GSP Initial Notification Map Viewer**

• [Instructions](#) for commenting on GSP Initial Notifications.

### GSA Access

A SGMA Portal account is required to submit a GSP and/or an Initial Notification.

- If you have an account, [sign in here](#).
- If you have recently activated a SGMA Portal account or have received a GSA Notice Access email, your user ID will be your email address in lowercase font.
- If you do not have an account, you can [register here](#).
- If you forgot your password, you can [recover it here](#).

#### GSP Reporting System Resources

- [Printable Elements Guide Excel Template](#)
- [GSP Reporting System and Monitoring Network Module User Manual](#)
- [GSP Reporting System Quick Submittal Guide](#)
- [GSP Reporting System Q&A](#)

#### GSP Initial Notification Resources

- [Printable Template](#)
- [GSP Initial Notification FAQs](#)
- [General GSP Initial Notifications Information](#)

# GSP Reporting System Resources

Need help? Have Questions?

[GSPSubmittal@water.ca.gov](mailto:GSPSubmittal@water.ca.gov)

Basin DWR Point of Contact

<https://water.ca.gov/Programs/Groundwater-Management/Assistance-and-Engagement>

# GSP Reporting System

## Submittal Steps

- + New GSP
- A – Base Info – basin name, plan manager, plan area
- B – Adopted GSP – upload PDF of document
- C – Elements of the Plan – identify pages of GSP associated with sections of the GSP Regulations
- D – Supporting Info – upload GIS data, high resolution figures, public comments on draft GSP, etc.
- E – References – GSP reference list or bibliography
- F – Submit to DWR

# E – References Import Tool (Excel)

The image shows a screenshot of the CA.GOV SGMA Portal with a modal window titled "References Import Tool" open. The modal contains the following text and elements:

**References Import Tool**

The reference import tool is provided to enable importing multiple references into the system in a single step. To get started, download the [reference template], populate the template with reference information, then follow the steps identified below to import references into the system.

- 1 ■ . Please load your reference template here.
2. Please draft and drop your reference documents in the box below.  

Drop files here to upload

■ Required fields

The background shows the portal interface with a sidebar menu containing "A Base Info", "B Adopted GSP", "C Elements of the Plan", "D Supporting Info", "E References" (highlighted), and "F GSP Submittal". The main content area displays "3-004.04 FOREBAY A" and a table with a "Title" column.



# Coordination Agreement Submittal

The screenshot shows a web form interface for 'Coordination Agreement Submittal'. On the left, a navigation menu has three items: 'A Base Info', 'B Elements Guide Web Form', and 'C Coordination Agreement Submittal', which is highlighted with a blue arrow. The main content area is titled 'C Coordination Agreement Submittal' and includes a 'Required fields' indicator. It contains instructions for users before submission, a list of verification steps, a warning about non-editability, a confirmation checkbox, and 'Back' and 'Submit to DWR' buttons.

**C** Coordination Agreement Submittal \* Required fields

Before submitting the GSP Basin Coordination Agreement, GSAs are encouraged to revisit the following:

- Verify that all required fields are populated
- Verify all required files are uploaded above and use the specified naming conventions (if applicable)

Once a GSP Basin Coordination Agreement is submitted, GSAs are no longer able to edit the GSP Basin Coordination Agreement.

\* I have reviewed the information entered and I'm ready to submit. I understand that once I hit submit, I can no longer make changes.

[← Back](#) [Submit to DWR](#)

- Coordination Agreement Point of Contact **must** submit to DWR
- **All** GSPs for the basin **must** be submitted prior to submitting Coordination Agreement
- Coordination Agreement may not be edited following submittal

# Public View of Submitted GSPs

This screenshot is from our test site. Not real submittals.

The screenshot displays the SGMA Portal interface. At the top, the logo for CA.GOV and the text 'Department of Water Resources SGMA PORTAL' are visible. A 'Sign In' button is located in the top right corner. Below the header is a navigation menu with options: Home, GSA, GSP (highlighted), Alternatives, Adjudicated Areas, and Basin Modification. The main content area is titled 'All Submitted GSPs' and features a search bar. Below the search bar is a table with the following columns: Basin, GSP Local ID, Plan Manager, Coordination Agreement (Y/N), Point of Contact, Date Submitted, Date Posted, End of Public Comment Period, and Action. The table contains five entries. The first entry, '5-022.12 TULARE LAKE', has a 'Comments' button with a '0' count. At the bottom of the page, it shows 'Showing 1 to 5 of 5 entries' and a pagination control with 'Previous', '1', and 'Next' buttons.

Basin	GSP Local ID	Plan Manager	Coordination Agreement (Y/N)	Point of Contact	Date Submitted	Date Posted	End of Public Comment Period	Action
<a href="#">5-022.12 TULARE LAKE</a>	N/A	Adam Hutchinson	No	N/A	12/05/2019	12/05/2019	02/03/2020	<a href="#">+ Comments 0</a>
5-022.13 TULE	N/A	Ben Gooding	Yes	N/A	12/06/2019			
5-022.18 WHITE WOLF	2	Ray Bennett	No	N/A	01/03/2020			
5-022.18 WHITE WOLF	1	Ben Gooding	Yes	N/A	01/03/2020			
3-004.01 180/400 FOOT AQUIFER	N/A	Ben Gooding	No	N/A	01/07/2020			

# Public View of Submitted GSPs

**Department of Water Resources**  
**SGMA PORTAL**

Home | GSA | **GSP** | Alternatives | Adjudicated Areas | Basin Modification

Home / GSP Dashboard / GSP Preview

## Groundwater Sustainability Plan

### 5-022.12 TULARE LAKE

The map displays various groundwater basins in the San Joaquin Valley, including Kings, West Side, Pleasant Valley, Tulare Lake, and Kettleman Plain. The Tulare Lake basin (5-022.12) is highlighted in blue.

#### Base Information

DATE SUBMITTED	DATE POSTED	END OF PUBLIC COMMENT PERIOD DATE
12/05/2019	12/05/2019	02/03/2020

[Public Comments](#)

**GSP INITIAL NOTIFICATION(S)**  
[South Fork Kings GSA \(Exclusive\)](#)

**PLAN MANAGER**  
 Adam Hutchinson (Orange County Water District)

**LIST OF CSA(S) THAT COLLECTIVELY PREPARED THE GSP**  
[South Fork Kings GSA \(Exclusive\)](#)

**NOTICE ANNOUNCING THE PLANNED ADOPTION OF THE GSP**  
 Notice Date: 07/26/2019  
[CASGEM-SGMA Timeline.pdf \(203kB\)](#)

**NOTICE OF THE PUBLIC HEARING**  
 Public Hearing Date: 12/03/2019  
[CASGEM-SGMA Timeline.pdf \(203kB\)](#)

This screenshot is from our test site. Not a real submittal.

#### Plan Contents

- [Groundwater Sustainability Plan](#)
- [Elements of the Plan](#)

#### Supporting Information

FILE NAME	GSP REGULATION ELEMENT(S)	UPLOADED DATE & TIME
<a href="#">CASGEM-SGMA Timeline.pdf (203kB)</a>	§354.8(a)(2)	12/05/2019 2:50 PM

#### References

TITLE	PUBLICATION NAME	PUBLISH DATE	AUTHOR(S)	FILE NAME OR URL
-------	------------------	--------------	-----------	------------------

# Public Comments

GSP Submittal Comments

## 5-022.12 TULARE LAKE

[Go Back](#) [Add Comment](#)

### Comments

 Monica Reis from DWR says (01/07/2020 12:07PM):  
Comments included in the attached file. TEST TEST

**Attachment:**  
[TestUpload.pdf \(144.1kB\)](#)

Showing 1 to 1 of 1 entries

### Comment Submission Form

Disclaimer: Comments submitted through this application will be visible to the public and provided to the GSA. Please contact the GSA if you would like to be included on the list of interested parties established by the GSA pursuant to Water Code Section 10723.4

**\* Name**  **Agency**

**Address**  **City**  **Zip**


**Phone**  **\* Email**

**Website**

**\* Subject**

**\* Comments**

**Upload Document**  
 TestUpload.pdf

I'm not a robot   
reCAPTCHA  
Privacy - Terms

**\* Required Fields**

# Key Take Aways

- Lots of resources available
- We're here to help
- Start Early!

**Questions?**


# Monitoring Network Module

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CALIFORNIA DEPARTMENT OF WATER RESOURCES  
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MANAGEMENT OFFICE

# Monitoring Network - Homepage




Department of Water Resources

## SGMA MONITORING NETWORK MODULE


Welcome, Ben Gooding!  
[Sign Out](#) | [Feedback](#) | [My Profile](#) |  
Debug Mode: [OFF](#)

[Home](#) [GSA](#) [GSP](#) [Alternatives](#) [Adjudicated Areas](#) [Basin Modification](#) **[Monitoring Module](#)**


### MNM Monitoring Network Module




Groundwater Wells



General Sites



Existing Sites



GSA Permissions

### Monitoring Network Module

The purpose of the Monitoring Network module is to provide Groundwater Sustainability Agencies (GSAs) the ability to electronically submit their monitoring network information and data to the Department, as required per 23 CCR § 352.4, 353.2, 353.4, and 354.40 (Groundwater Sustainability Plan (GSP) Regulations). The Monitoring Network module is intended to be used concurrently with the GSP Reporting System.

GSAs are required to upload their GSP's monitoring network information and data into the Monitoring Network module prior to the submittal of their GSP and maintain consistency between the GSP and the monitoring site data throughout GSP implementation. If multiple GSAs are submitting a single GSP, monitoring network information and data may be submitted separately or together through a single GSA. If submitted separately, monitoring network information and data from the GSAs selected within the GSP Reporting System will be combined and viewed as a single monitoring network for the GSP by other SGMA Portal applications.



# Monitoring Network Module Uses

## Prior to Initial GSP Submittal

- Migrate groundwater wells from CASGEM to the module
- Import remaining monitoring sites as groundwater wells, general sites, or existing sites
- Import monitoring site data collected prior to GSP submittal
- Assign permissions for data submittal

# Monitoring Network Module Uses

## Following GSP Submittal

- Submit groundwater well and general site monitoring data as collected
- Submit existing site data with your Annual Report PDF

# Groundwater Wells

Monitoring sites used to collect groundwater elevation data

The screenshot displays the user interface of the SGMA Monitoring Network Module. At the top, the header includes the CA.GOV logo, the Department of Water Resources name, and the module title. A user welcome message and navigation links are on the right. Below the header is a main navigation bar with menu items for Home, GSA, GSP, Alternatives, Adjudicated Areas, Basin Modification, and Monitoring Module. The Monitoring Module is selected. The main content area features a breadcrumb trail 'MNM Groundwater Wells' and a row of five action buttons: 'View/Edit My Wells', 'Add a New Well', 'Import New Wells', 'Migrate Wells from CASGEM', and 'Import Groundwater Elevations'. Each button contains an icon representing its function.

**CA.GOV** Department of Water Resources  
**SGMA MONITORING NETWORK MODULE**

Welcome, Ben Gooding!  
[Sign Out](#) | [Feedback](#) | [My Profile](#) |  
Debug Mode: OFF

[Home](#) [GSA](#) [GSP](#) [Alternatives](#) [Adjudicated Areas](#) [Basin Modification](#) **[Monitoring Module](#)**

**MNM** Groundwater Wells

- View/Edit My Wells
- Add a New Well
- Import New Wells
- Migrate Wells from CASGEM
- Import Groundwater Elevations

# CASGEM Well Migration

## Three options for migrating wells from CASGEM:

1. CASGEM Login (credentials of user associated to desired wells)
2. Search for wells using various parameters (e.g., by County, State Well ID, Local Well ID)
3. Geographically search for wells using various spatial parameters (e.g. GSA, Basin, or County boundaries)

# View/Edit My Wells

List of Wells

Add New Well

GSA

Select an option...

Show **25** entries

Search:

Master Site Code ▲	Local Well Designation ▲	State Well Number ▲	Latitude ▲	Longitude ▲	Depth ▲	Usage Type ▲	Options
<a href="#">322549N1220259W001</a>	SGMA 80		32.25488	-122.02586	222	Industrial	
<a href="#">323255N1223255W001</a>	SGMA 90		32.325478	-122.325478	1211	Irrigation	
<a href="#">323257N1213255W001</a>	SGMA 82		32.32569	-121.32549	1111	Observation	
<a href="#">323257N1213255W002</a>	test well 6 - mkj		32.32569	-121.32549		Irrigation	
<a href="#">323266N1222587W001</a>	SGMA83		32.326598	-122.258741	1111	Observation	
<a href="#">323266N1223265W001</a>	SGMA 70		32.326598	-122.326458	11	Industrial	
<a href="#">324847N1213330W001</a>	SGMA 81		32.48473	-121.333	111	Industrial	
<a href="#">325000N1245000W001</a>	123456		32.5	-124.5	1000	Industrial	
<a href="#">350000N1150000W005</a>	12S15W11A001M	12S15W11A001M	35	-115	100	Industrial	

# General Sites

Monitoring sites used to collect subsidence and stream flow data (e.g., extensometers, stream gages, continuous GPS, surveying/benchmark, remote sensing)

The screenshot displays the user interface for the Monitoring Module (MNM) General Sites. At the top, the CA.gov logo and Department of Water Resources name are visible on the left, and a user welcome message "Welcome, Ben Gooding!" with links for "Sign Out", "Feedback", and "My Profile" is on the right. Below this is a navigation bar with "Home" highlighted and other menu items: "GSA", "GSP", "Alternatives", "Adjudicated Areas", "Basin Modification", and "Monitoring Module". The main content area features a "MNM General Sites" header and four action buttons: "View/Edit My General Sites", "Add a New General Site", "Import New General Sites", and "Import General Site Data".

CA.GOV Department of Water Resources

Welcome, Ben Gooding!  
[Sign Out](#) | [Feedback](#) | [My Profile](#) |  
Debug Mode: **OFF**

Home GSA GSP Alternatives Adjudicated Areas Basin Modification Monitoring Module

MNM General Sites

View/Edit My General Sites

Add a New General Site

Import New General Sites

Import General Site Data

# View/Edit My General Sites



Department of Water Resources

SGMA MONITORING NETWORK MODULE

Welcome, Ben Gooding!

[Sign Out](#) | [Feedback](#) | [My Profile](#) |

Debug Mode: OFF

[Home](#)

[GSA](#)

[GSP](#)

[Alternatives](#)

[Adjudicated Areas](#)

[Basin Modification](#)

[Monitoring Module](#)

## List of General Sites

[Add New Site](#)

[Import New General Sites](#)

Show  entries

Filter by GSA

Search:

General Site ID	Local Site Name	Basin Number	Monitoring Network Type	Site Type
<a href="#">1</a>	GSite Test #1	No Basin Found	SGMA Representative	Extensometer
<a href="#">2</a>	G	No Basin Found	SGMA Representative	Stream Gage
<a href="#">3</a>	123	5-022.11 Kaweah	SGMA	Stream Gage
<a href="#">4</a>	234	5-022.14 Kern County	SGMA Representative	Stream Gage
<a href="#">5</a>	12	5-022.14 Kern County	SGMA	Stream Gage
<a href="#">6</a>	Import General #1	No Basin Found	SGMA Representative	Extensometer
<a href="#">7</a>	General Site #2	No Basin Found	SGMA	Extensometer
<a href="#">8</a>	12345	No Basin Found	SGMA Representative	Extensometer
<a href="#">9</a>	Test	No Basin Found	SGMA	Stream Gage

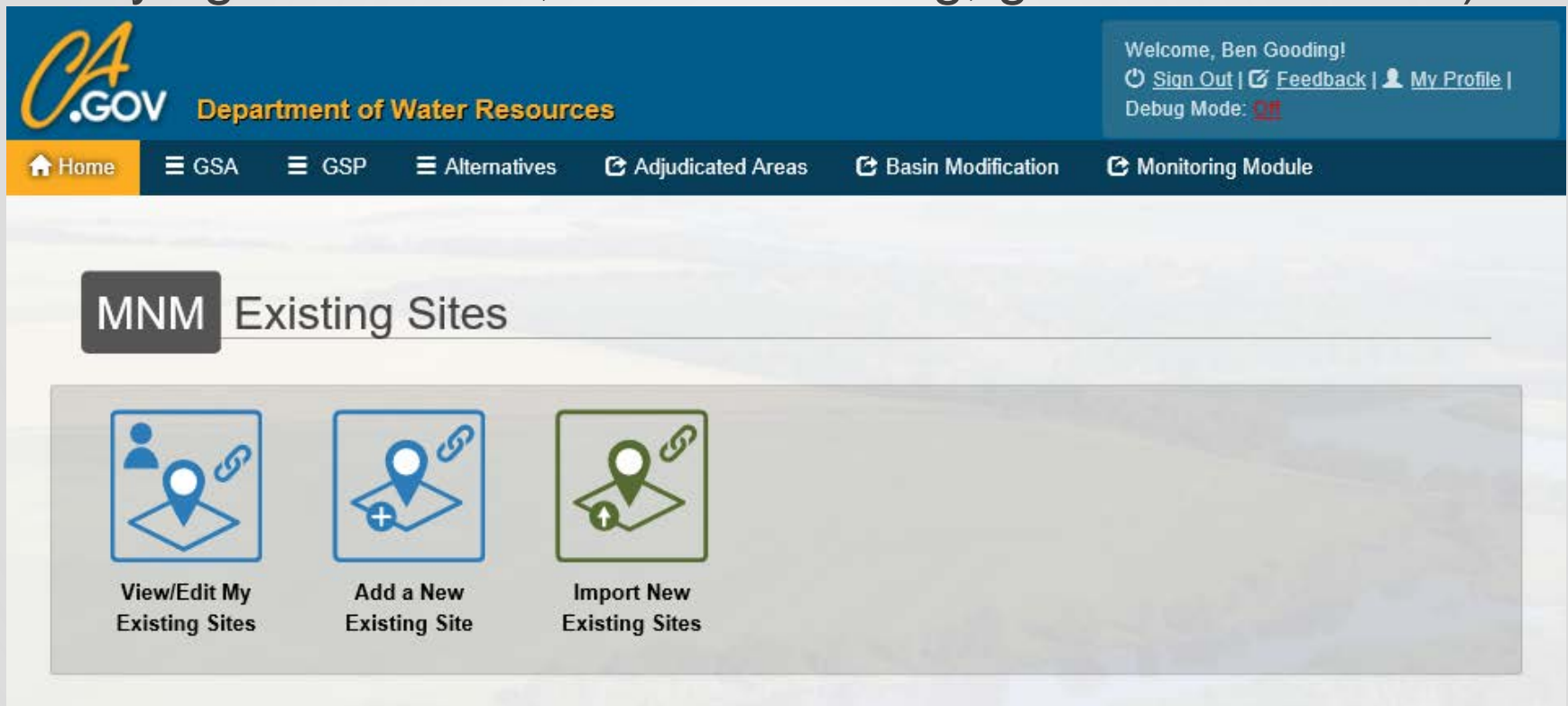
Showing 1 to 9 of 9 entries

Previous

Next

# Existing Sites


Monitoring sites associated with other programs (e.g., extensometers, stream gages, continuous GPS, surveying/benchmark, remote sensing, groundwater wells)



The screenshot displays the CA.GOV Department of Water Resources website. The top navigation bar includes the CA.GOV logo, the text "Department of Water Resources", and a user greeting "Welcome, Ben Gooding!" with links for "Sign Out", "Feedback", and "My Profile". A "Debug Mode" indicator is also present. Below the navigation bar, a menu contains "Home", "GSA", "GSP", "Alternatives", "Adjudicated Areas", "Basin Modification", and "Monitoring Module". The main content area features a "MNM Existing Sites" header and three interactive icons: "View/Edit My Existing Sites" (blue icon with a person and location pin), "Add a New Existing Site" (blue icon with a plus sign and location pin), and "Import New Existing Sites" (green icon with an upload arrow and location pin).



# GSA Permissions



Department of Water Resources  
**SGMA MONITORING NETWORK MODULE**

Welcome, Ben Gooding!  
[Sign Out](#) | [Feedback](#) | [My Profile](#) |  
Debug Mode: Off

[Home](#) | [GSA](#) | [GSP](#) | [Alternatives](#) | [Adjudicated Areas](#) | [Basin Modification](#) | [Monitoring Module](#)

## GSA Permissions

Step 1: Select a GSA ▼

West Stanislaus Irrigation District GSA ▼

Step 2: Grant permission to Well or General Site Data ▼

[Well Elevation](#) | [General Site Data](#)

[Add Permission](#) Show  entries Search:

Organization	Username	Action
No data available in table		

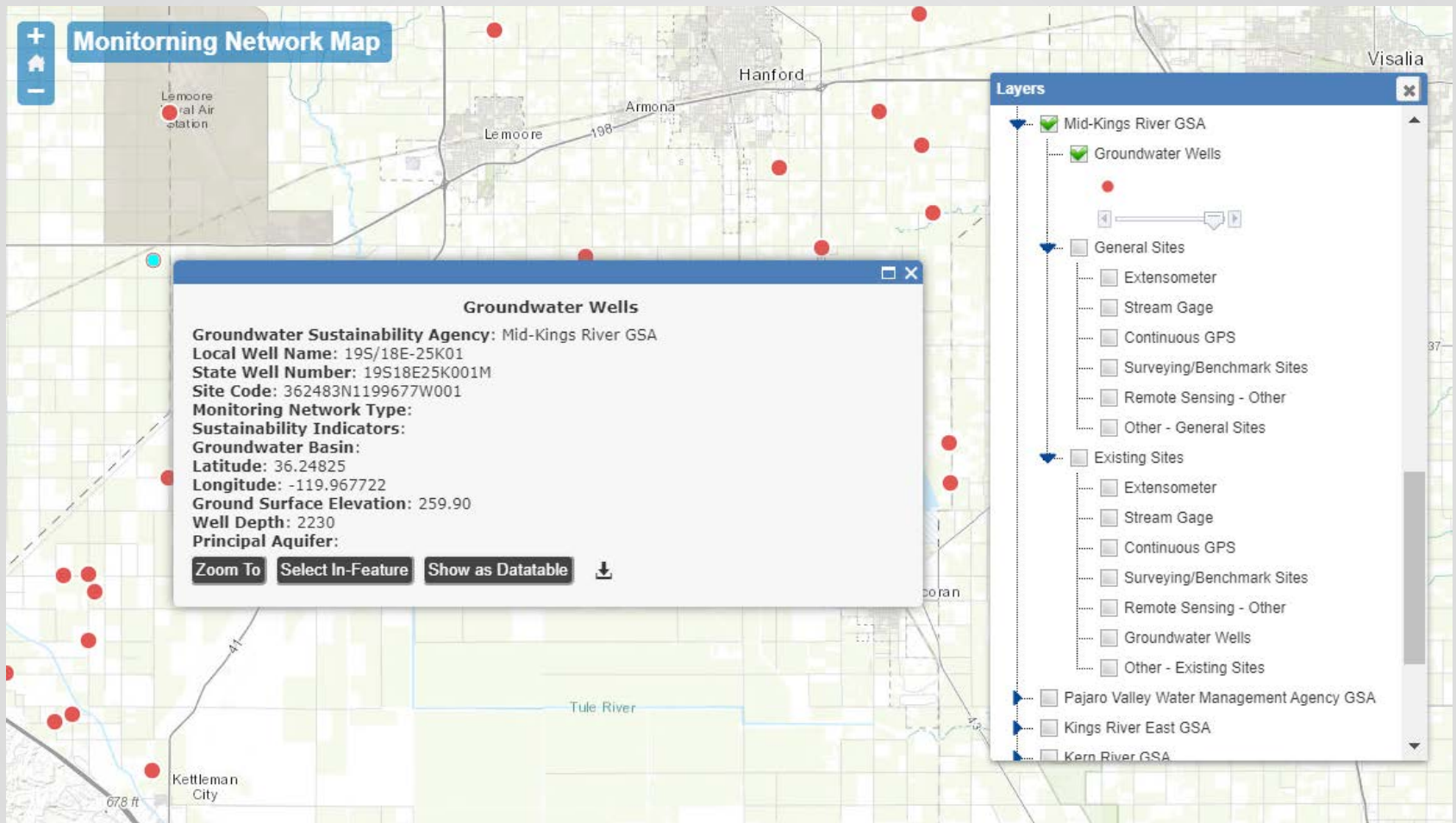
Showing 0 to 0 of 0 entries [Previous](#) [Next](#)

# GSA Permissions

- Select a SGMA Portal Username
- Select an agency the User is associated with
- Cannot associate a User to a GSA if the User has not been granted admin or editorial access

The screenshot displays the 'GSA Permissions' web application interface. A modal dialog titled 'Well Data Permission' is open, featuring two required fields: 'SGMA Portal Username' (a text input with a placeholder 'Select an User(s)') and 'Organization' (a dropdown menu with a placeholder 'Select an option...'). Below the fields, a warning message states: 'Saving this form will grant the selected user(s), associated with the organization selected, the ability to add new groundwater elevation data and edit/delete any data uploaded by the user(s) in the future to all groundwater wells associated to your GSA. This will not provide the selected user(s) the ability to edit/delete any historical groundwater elevation data. Are you sure you want to grant the user permission?'. A note at the bottom of the dialog provides an email address: 'If the organization you wish to provide permission to is not listed in the dropdown menu submit a request to add the organization by email at GSPSubmittal@water.ca.gov.'. The dialog has 'Add Permission' and 'Cancel' buttons at the bottom right. The background shows the application's navigation menu, a 'Step 1: Select a GSA' section with a dropdown for 'West Stanislaus Irrigation', and a 'Step 2: Grant permission' section with 'Well Elevation' and 'General' tabs, an 'Add Permission' button, and a 'Show 10' dropdown. The footer includes 'Showing 0 to 0 of 0 entries' and 'Previous Next' navigation links.

# Monitoring Network Map – Coming Soon



# Contact Information

For questions or comments related to the GSP Reporting System and/or the Monitoring Network Module email:

[GSPSubmittal@water.ca.gov](mailto:GSPSubmittal@water.ca.gov)

# Annual Reports Module

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# Annual Reports – General Information

- Annual reports are due April 1<sup>st</sup> each year after a GSP is adopted
- Multi-GSP basins can submit a single, basinwide annual report or individual annual reports for each GSP
- Annual Report Module of the GSP Reporting System - early March 2020

# Annual Report Module Requirements

- Annual Report – Single PDF
- Elements Guide
- Four data import spreadsheets
- Change in storage values
- Monitoring data submitted through the Monitoring Network Module

# Annual Report - PDF

- Requires, at a minimum, the written, graphical and data requirements outlined in §356.2 of the GSP Regulations
- Groundwater elevation contour maps, hydrographs, change in storage maps, and other figures
- A written description of progress towards implementation of the GSP



# Data Import Spreadsheets

- Four data import spreadsheets:
  1. Groundwater Extractions
  2. Groundwater Extraction Methods
  3. Surface Water Supply
  4. Total Water Use
- Volumes are by basin

# Change in Storage

- Data is by principal aquifer, system will auto-calculate total change in storage
- Provide a written description of the method(s) used to calculate change in storage values

# Monitoring Data

- Groundwater well and general site data is submitted to the Monitoring Network Module
- Submitted data will be compiled and viewable in the Annual Report Module
- Any monitoring data not submitted to the Monitoring Network Module should be included in the Annual Report PDF

# Contact Information

For questions or comments related to the Annual Report Module email:

[GSPSubmittal@water.ca.gov](mailto:GSPSubmittal@water.ca.gov)

# SGMA Assistance Programs

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MANAGEMENT OFFICE

# DWR's Roles in SGMA

## Engagement and Advisory Role

### Financial Assistance

*- Prop 1 & Prop 68*

### Planning Assistance

*- Facilitation  
- GSA and GSP Support*

### Technical Assistance

*- Statewide Datasets, Analysis, and Tools  
- Best Management Practices  
- Water Available for Replenishment Report*

## Regulatory Role

**DWR  
Evaluation of  
GSPs**

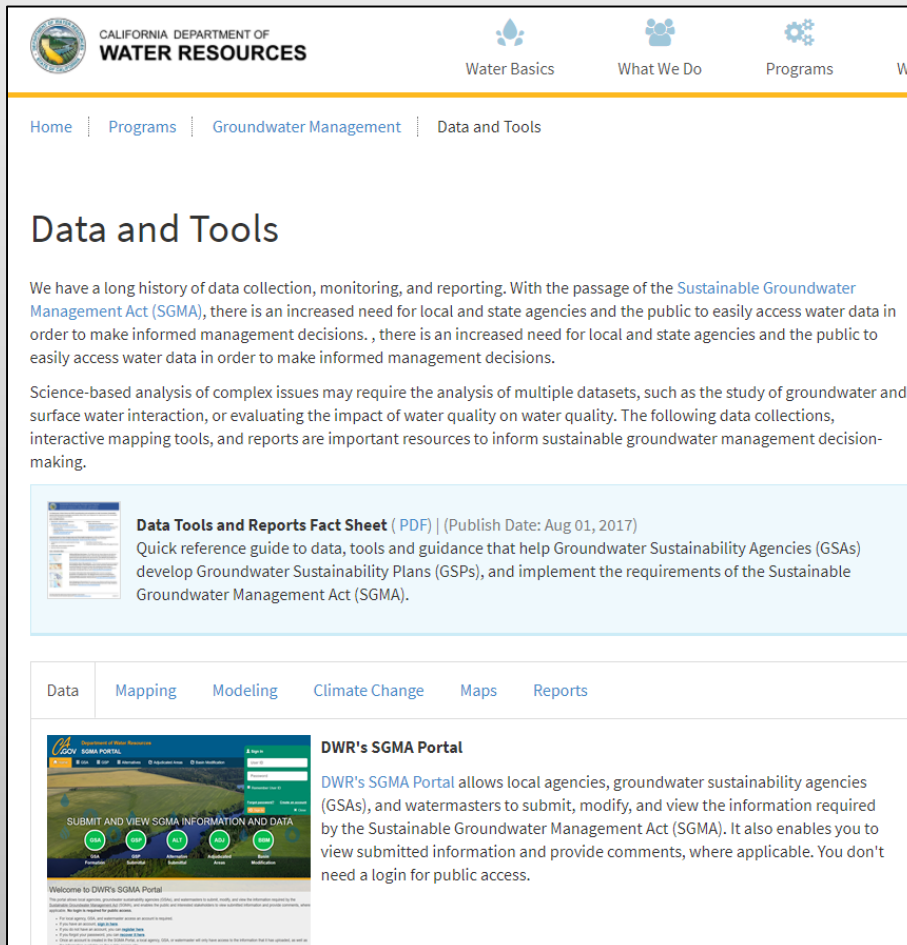
**Sustainable  
Groundwater  
Management**

# **TECHNICAL ASSISTANCE**

# SGMA Data Resources

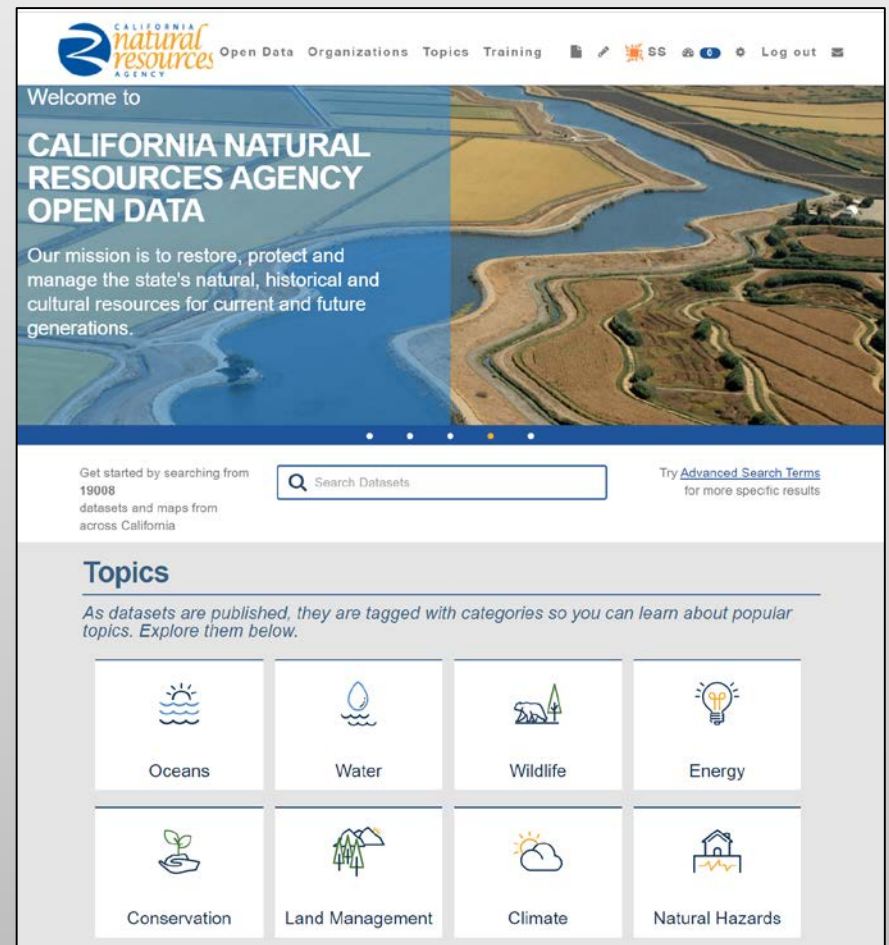
<https://www.water.ca.gov/Programs/Groundwater-Management/Data-and-Tools>

## SGMA Data & Tools Webpage



The screenshot shows the California Department of Water Resources website. The header includes the agency logo and navigation links for Water Basics, What We Do, and Programs. A breadcrumb trail reads: Home | Programs | Groundwater Management | Data and Tools. The main heading is "Data and Tools". Below it, a paragraph explains the need for data access under the Sustainable Groundwater Management Act (SGMA). A section titled "Data Tools and Reports Fact Sheet (PDF)" is highlighted, with a sub-heading "(Publish Date: Aug 01, 2017)". Below this, a navigation bar contains links for Data, Mapping, Modeling, Climate Change, Maps, and Reports. The "Data" link is selected, leading to a page titled "DWR's SGMA Portal". A thumbnail image of the portal is shown, with text describing its purpose: "DWR's SGMA Portal allows local agencies, groundwater sustainability agencies (GSAs), and watermasters to submit, modify, and view the information required by the Sustainable Groundwater Management Act (SGMA). It also enables you to view submitted information and provide comments, where applicable. You don't need a login for public access."

## CNRA Open Data Platform



The screenshot shows the California Natural Resources Agency Open Data Platform. The header features the agency logo and navigation links for Open Data, Organizations, Topics, and Training. A search bar is present with the text "Search Datasets". Below the search bar, a section titled "Topics" is displayed, with a sub-heading "As datasets are published, they are tagged with categories so you can learn about popular topics. Explore them below." A grid of eight topic categories is shown, each with an icon and a label: Oceans (waves), Water (water drop), Wildlife (animal silhouette), Energy (lightbulb), Conservation (seedling), Land Management (trees), Climate (sun and cloud), and Natural Hazards (house with lightning bolt).



# Technical Assistance

## 1. Guidance and Education

- Best Management Practices
- Guidance Documents
- Fact Sheets and Reports (B-118)



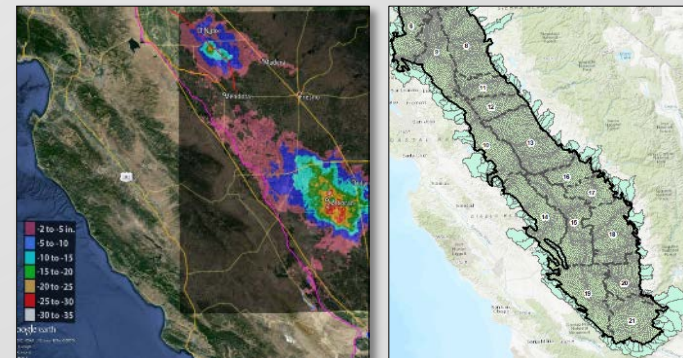
## 2. Technical Support Services

- Available to GSAs
- Can help fill data gaps
  - Monitoring well installation



## 3. Statewide Datasets and Tools

- Land Subsidence
- Land Use
- C2VSim Fine Grid



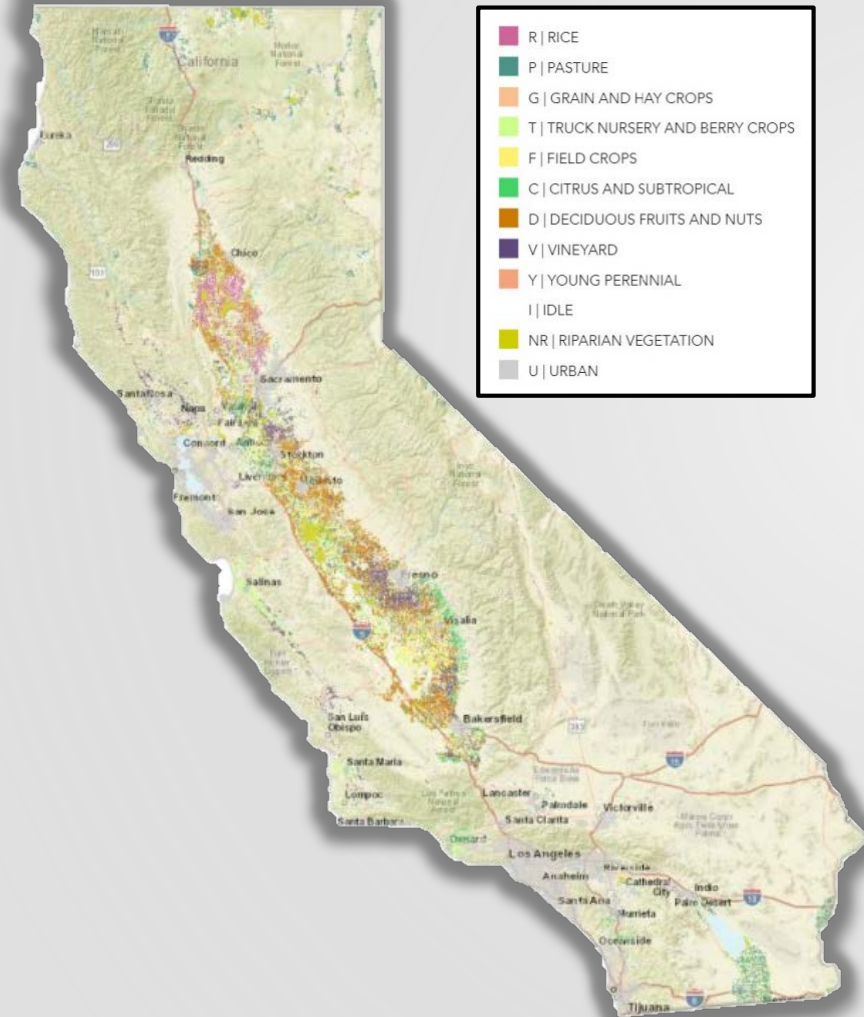
# Statewide Land Use Data

## INFORMS

- Water use estimates
- Water use projections
- Model development
- Water transfers

## NEW

- 2014 Data Available
- 2016 Data Recently Released
- 2018 Data Available in Q4 2020
  - Includes Multi-Crop Information
- Data Available on Open Data and DWR Land Use Viewer



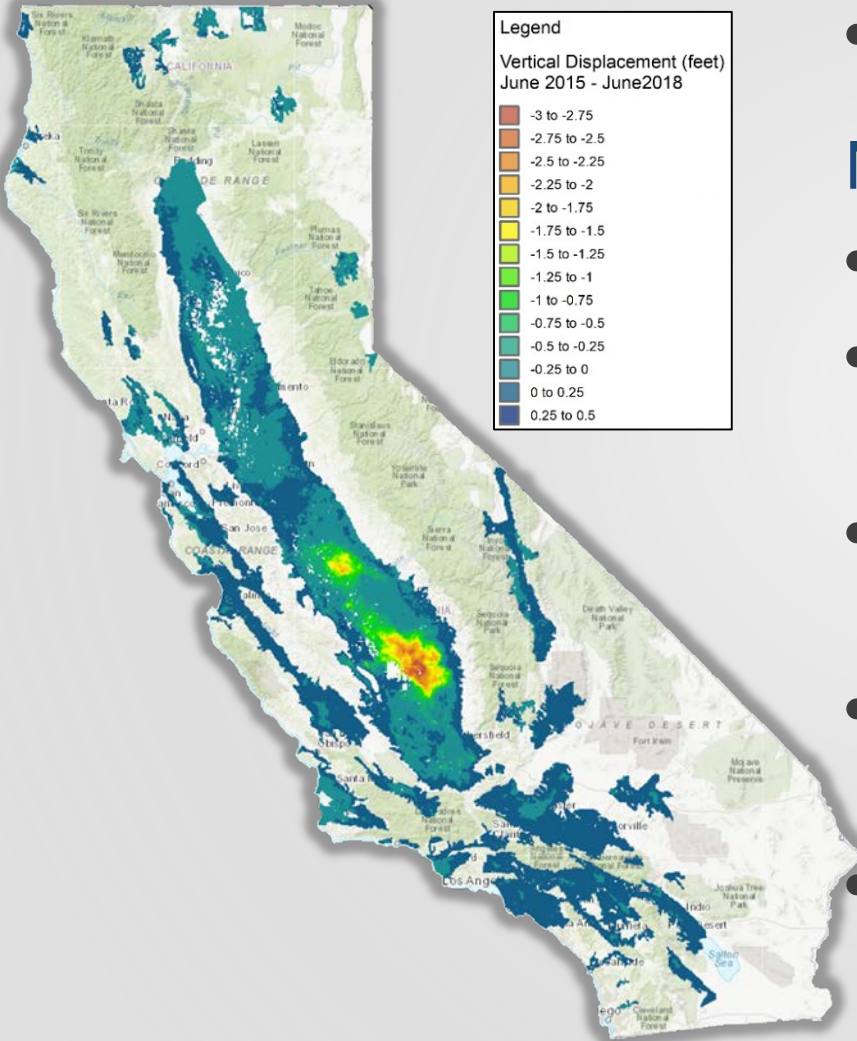
# Subsidence Monitoring

## INFORMS

- Current groundwater conditions
- Sustainable Mgmt. Criteria
- Monitoring network

## NEW

- 1/2015 to 6/2018 Data Available
- 6/2018 to 9/2019 Data Available in Spring 2020.
- 10/2019 to 9/2020 Data Available in Spring 2021.
- Continue funding USGS to collect & report subsidence data.
- Planning to install continuous global position system stations.



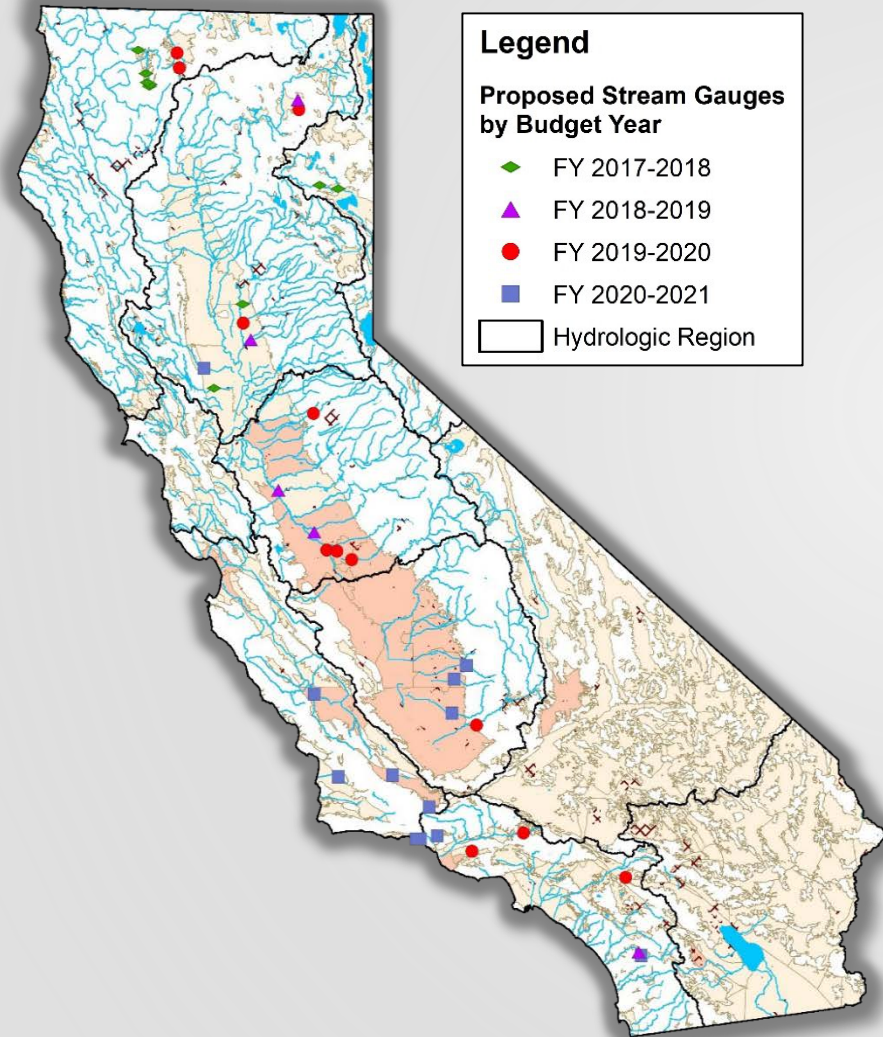
# Stream Gages

## INFORMS

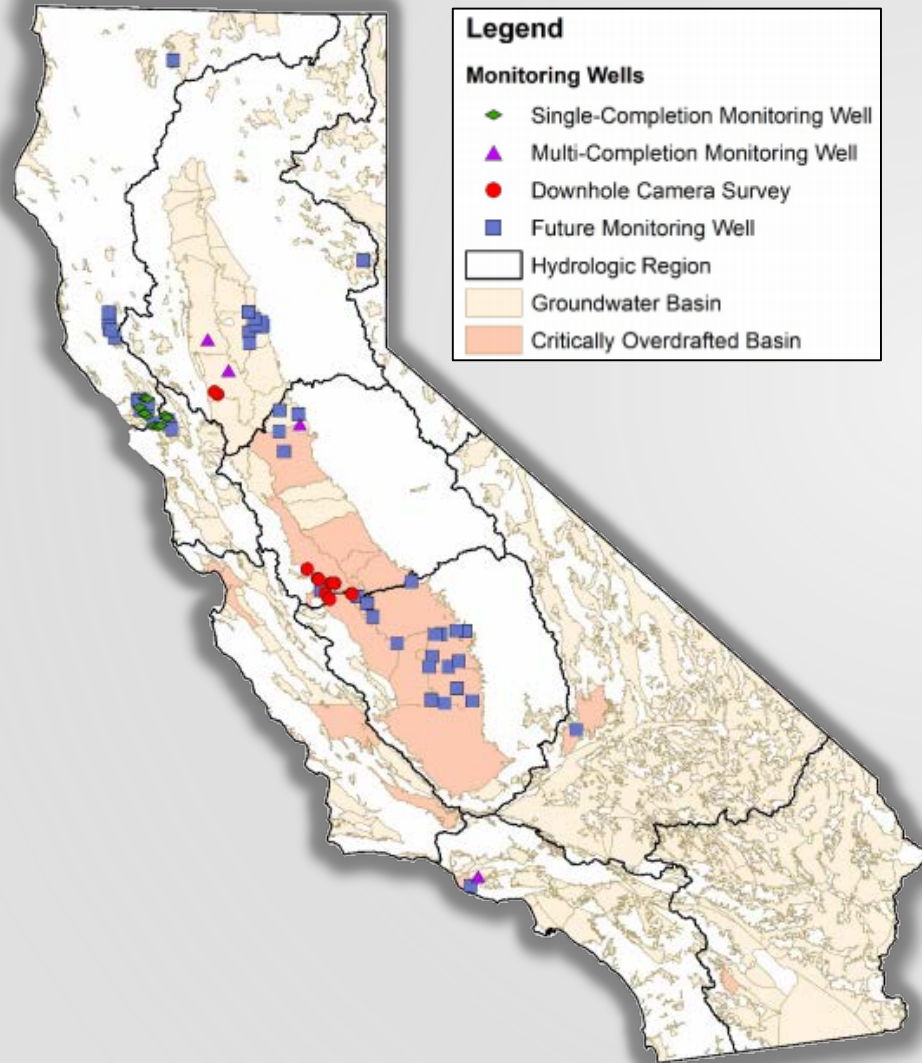
- Current conditions
- Surface water- groundwater interaction
- Monitoring network

## NEW

- Installed five stream gages
- Next two years: install ~ 24 new stream gages.
- Coordinate with SWRCB and DFW on SB19 implementation.



# GW Elevation & Quality Monitoring



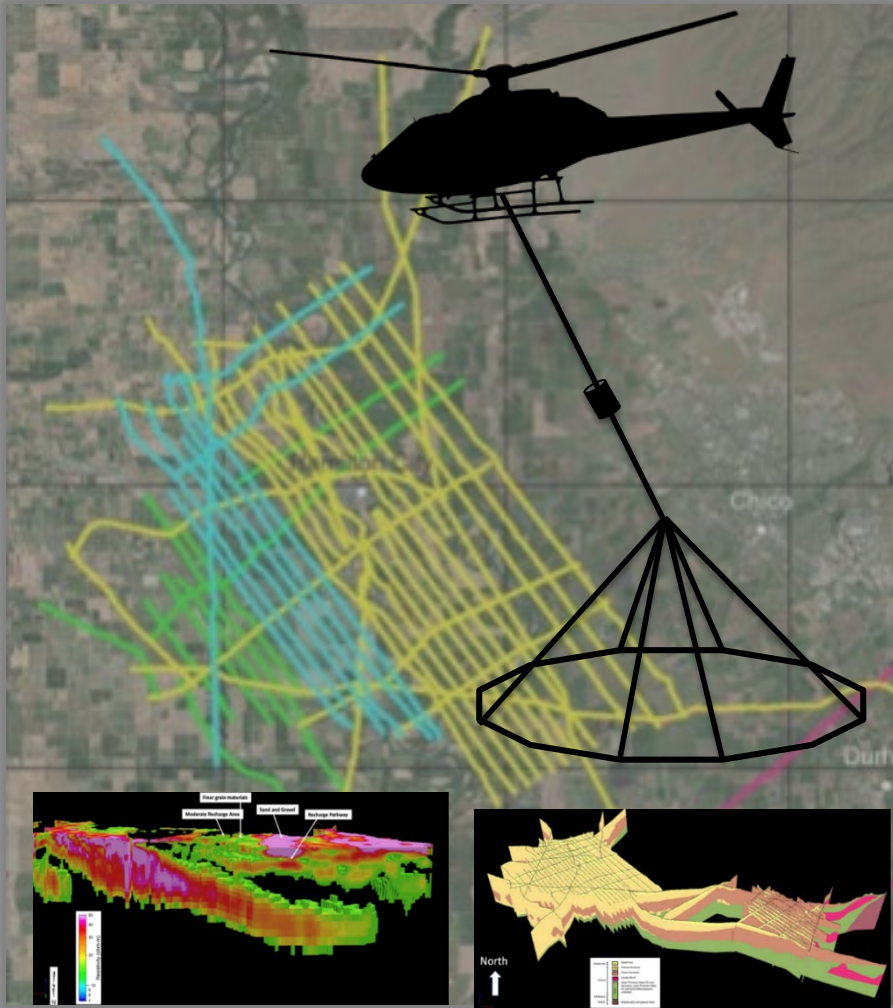
## INFORMS

- Current groundwater conditions
- Sustainable Mgmt. Criteria
- Monitoring network

## NEW

- Installed 24 monitoring wells in nine subbasins.
- Completed 13 downhole camera surveys.
- 43 monitoring wells in 15 subbasins planned.
- 16 monitoring well service requests under review.

# Airborne Electromagnetic (AEM) Surveys



## INFORMS

- Basin characterization
- Hydrogeologic conceptual model
- Monitoring network
- Projects & Mgmt. Actions
  - Recharge Activities

## NEW

- Initiating statewide AEM contract in 2020.
- Form advisory committee to provide recommendations on project initiation and implementation.

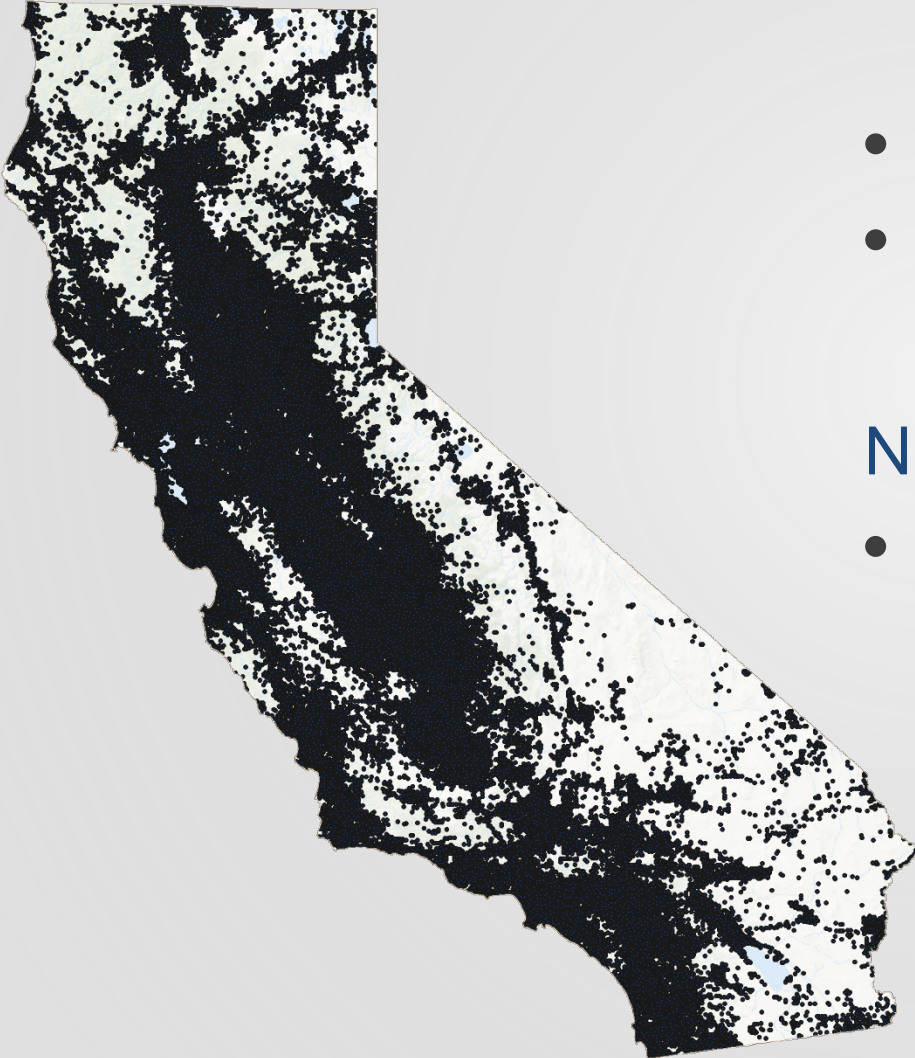
# Well Completion Reports

## INFORMS

- Basin characterization
- Hydrogeologic conceptual model
- Monitoring network
- Projects & Management Actions

## NEW

- Partnering with USGS and State Board to enhance location, lithologic, and other data from historical and newly submitted reports.



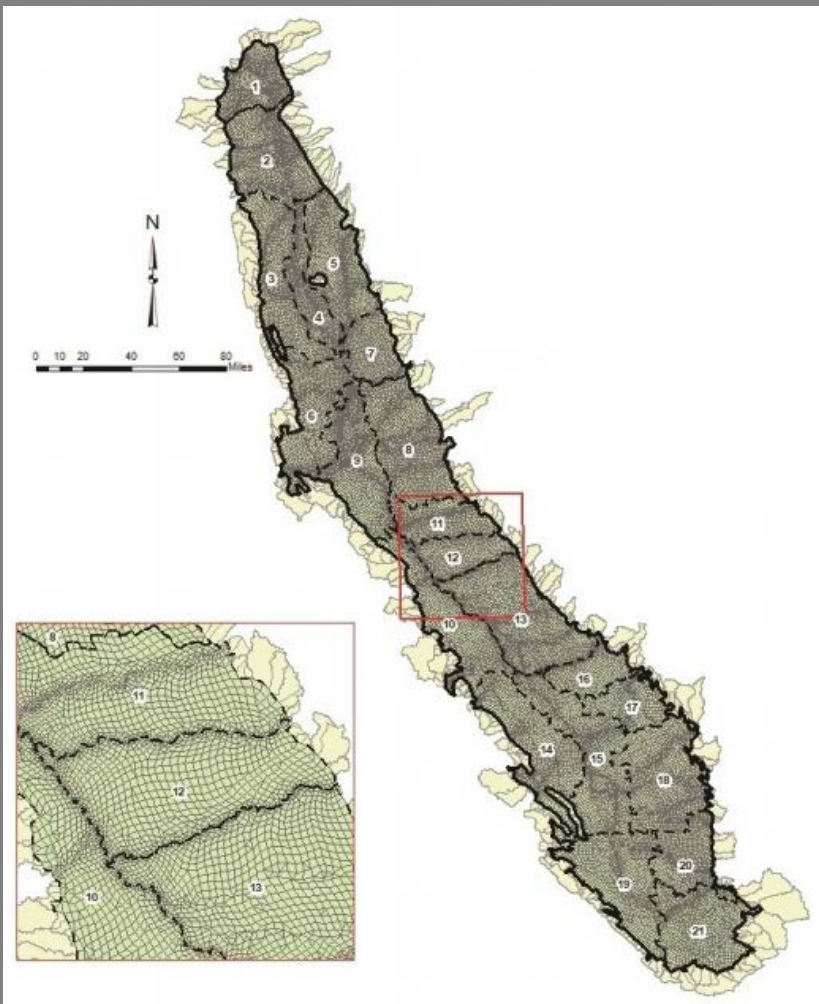
# C2VSimFG

## INFORMS

- Estimates water budget
- Estimates changes in groundwater storage
- Estimates surface-water and groundwater interaction

## NEW

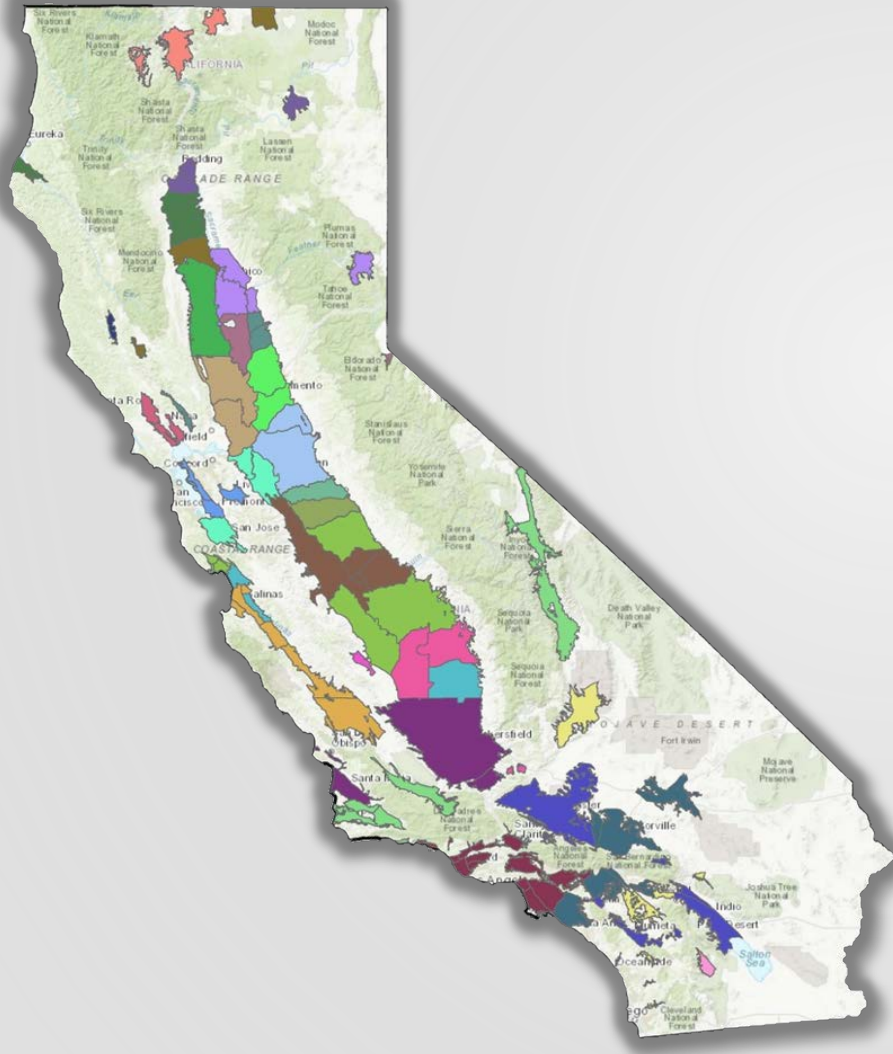
- Refining land use, root zone, and small watershed input data
- Calibrating groundwater parameters
- Plan to release C2VSimFG Version 1.0 in Spring 2020.





# **PLANNING ASSISTANCE**

# GSA Engagement



- DWR Regional Office staff assigned as Points of Contact (POCs) for each high- and medium- priority basin/subbasin
- POCs and Regional Coordinators engage with GSAs during GSP development

# Facilitation Support Services



## SERVICES

- Stakeholder assessments
- Public & stakeholder outreach
- Targeted outreach to underrepresented GW users
- Tribal government outreach & engagement
- Meeting facilitation
- Governance development support
- Intra-basin & inter-basin coordination support
- Interest-based negotiations/consensus building support

# Written Translation Services

## NOW AVAILABLE

Cantonese	Mandarin
Chinese	Punjabi
Hmong	Spanish
Korean	Tagalog
Laotian	Vietnamese

## SERVICE

- Translation of written notices, letters, forms, presentations, fact sheets, pamphlets, leaflets, and brochures.

## LIMITATIONS

- Provided electronically as unformatted text (no graphic design).
- 1,500 word count limit per groundwater basin/subbasin (~10 full pages of text).

# **FINANCIAL ASSISTANCE**

# Financial Assistance

## **Sustainable Groundwater Management (SGM) Planning Grant Program**

- Activities that support the development of a GSP
- Rounds 1 and 2 funded by Prop 1 ~\$92.5M
- Round 3 funded by Props 68 and 1 ~\$50M
  - Solicitation Closed November 15
    - Preliminary Estimates: 54 Applicants requesting ~\$53M

## **SGM Implementation Grant Program**

- Projects and programs that will assist GSAs implement a GSP
- ~ \$88M available by Prop 68, solicitation begins in 2021

# Additional Assistance in 2020

- Increase in Outreach and Engagement Efforts:
  - Educational Workshops
  - GSA Forums
  - Groundwater Summit
- Purpose:
  - Ensure Awareness of DWR and Other State Programs that Support SGMA Implementation
  - Create a Venue for SGMA Practitioners to Exchange Ideas
  - Discuss Nexus to Water Resilience Portfolio and Other Statewide Groundwater Policies

# Thank You



CALIFORNIA DEPARTMENT OF WATER RESOURCES  
SUSTAINABLE GROUNDWATER  
MANAGEMENT OFFICE

