

SGMA Assistance Update

San Joaquin Valley Land Subsidence Update Workshop, Fall 2018

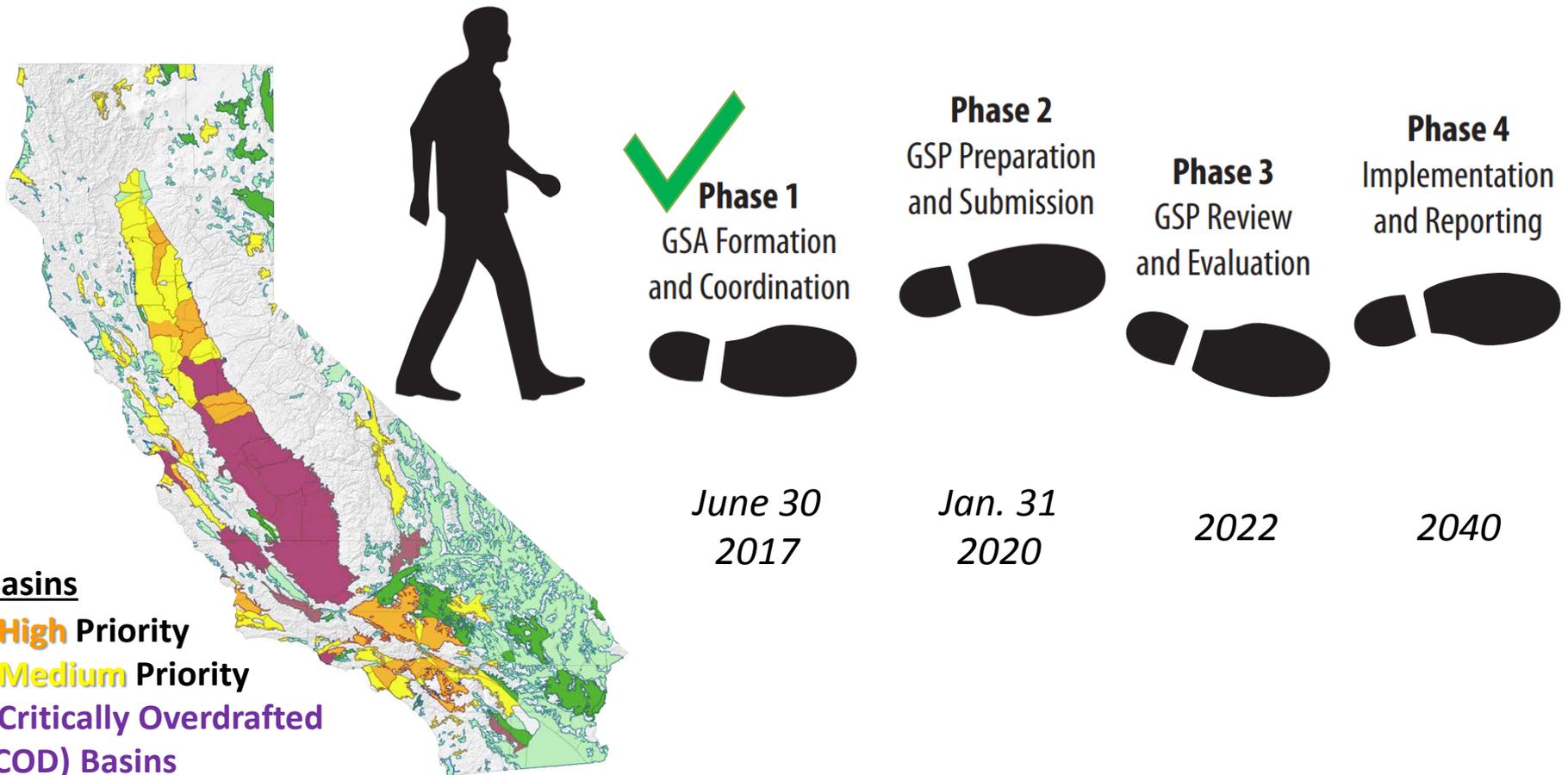


CALIFORNIA DEPARTMENT OF WATER RESOURCES
SUSTAINABLE GROUNDWATER
MANAGEMENT PROGRAM

Presentation Overview

- **SGMA Assistance Overview**
- **Financial Assistance Update**
- **Planning Assistance Update**
- **Technical Assistance Update**

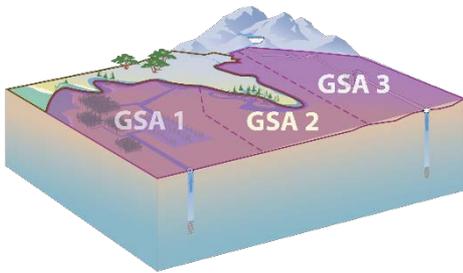
Phases of SGMA Implementation



General GSP Components

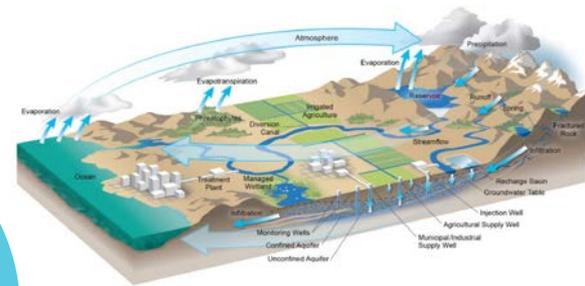
Who

- Administrative Information -



What

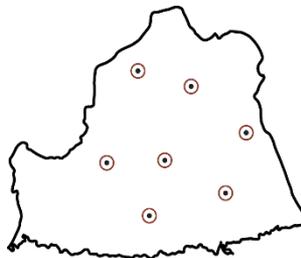
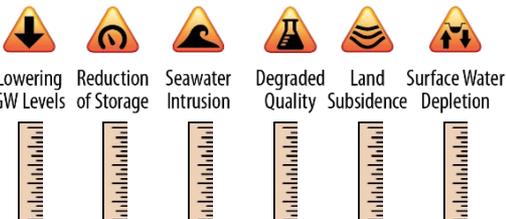
- Basin Setting -



GSP

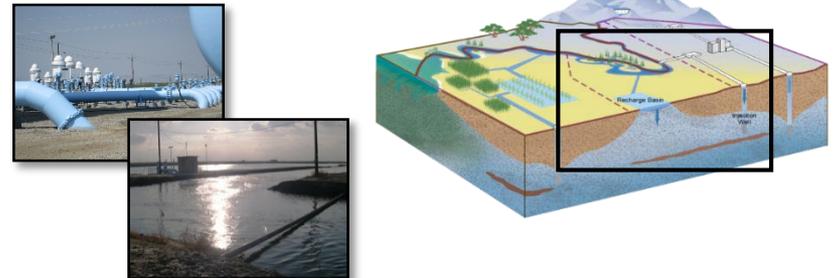
Where

- Sustainable Management Criteria -
- Monitoring Network -



How

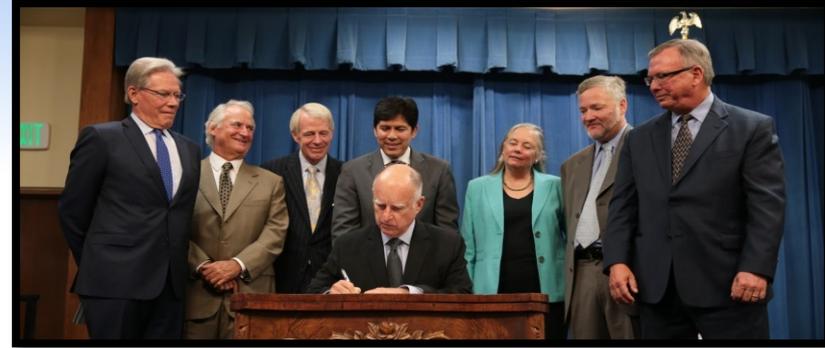
- Projects & Management Actions -



DWR SGMA Assistance

“A central feature of SGMA is the recognition that groundwater management in California is best accomplished locally.”

Governor Jerry Brown, September 2014



Financial Assistance

- Prop 1 & 68

Planning Assistance

*- Facilitation
- GSA Support*

Technical Assistance

*- Statewide Datasets, Analysis, and Tools
- Best Management Practices
- Technical Support Services*

Engagement and Advisory Role

**DWR
Evaluation of
GSPs**

**Sustainable
Groundwater
Management**

Regulatory Role

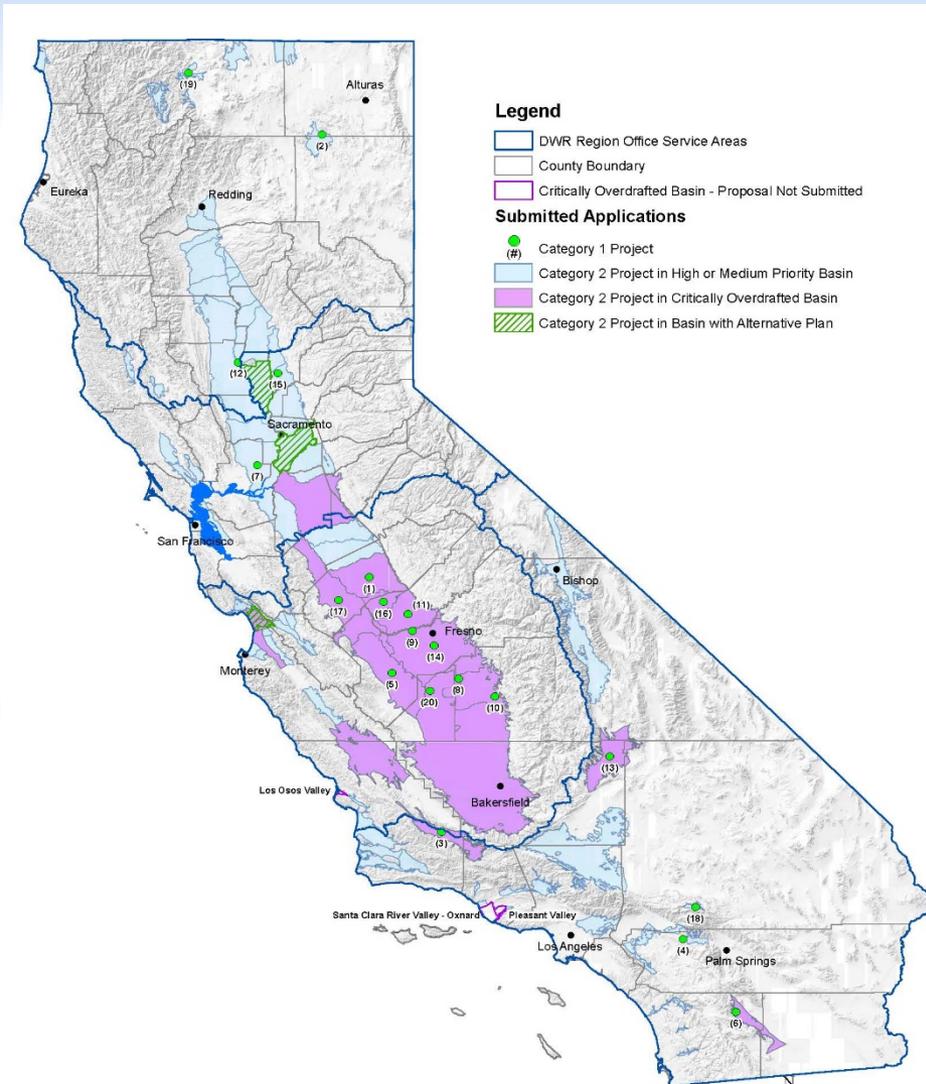
Financial Assistance Update

Proposition 1

Sustainable Groundwater Planning Grant Program

Final Awards – 2017 Grant Solicitation

- Awarded \$85.8 million to 78 applicants
 - \$16.2 million to severely disadvantaged communities
 - \$69.6 million toward GSP development of which \$27.5 million to 18 critically overdrafted basins
- Next Steps
 - Grant Agreement Execution
 - Conduct work



Proposition 68 Funding

- Passed in June 2018
- Authorized \$50M for extension of Sustainable Groundwater Planning Grant Program
 - Tentative Schedule: Draft Proposal Solicitation Package (PSP) – early 2019
 - Fund activities that support the development of a GSP
 - Likely priority to GSAs that did not receive Prop 1 grant
- Authorized ~\$100M for Sustainable Groundwater Implementation Grant Program
 - Tentative Schedule: Draft PSP – late 2019/early 2020
 - Fund projects and programs that will assist GSAs implement a GSP
 - Likely priority to GSAs in critically overdrafted basins

Proposition 3 Funding?

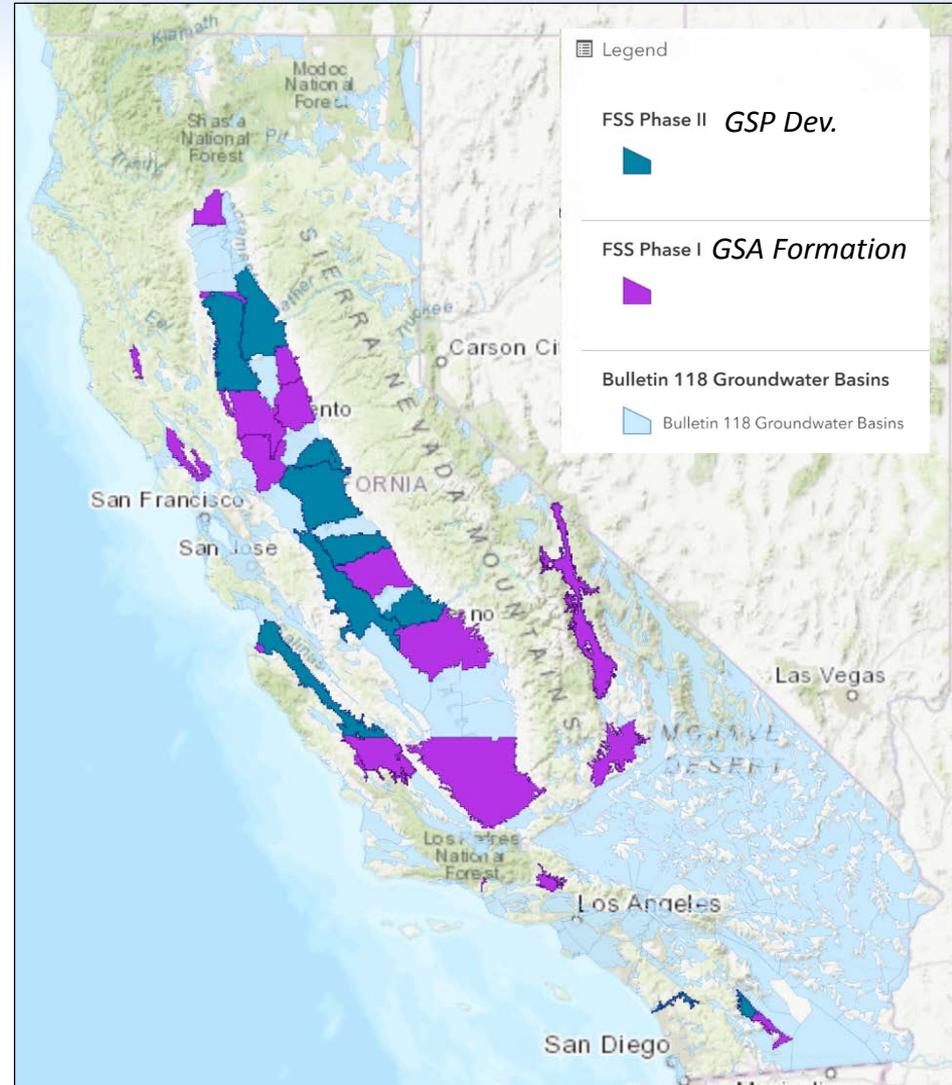
- On November 2018 Ballot
- Would Authorize additional funding for Sustainable Groundwater Planning Grant Program
 - Actual amount available for award is TBD, but likely ~\$60M
- Would Authorize additional funding for Sustainable Groundwater Implementation Grant Program
 - Actual amount available for award is TBD, but likely ~\$500M
 - Schedule TBD

Planning Assistance Update

DWR SGMA Assistance

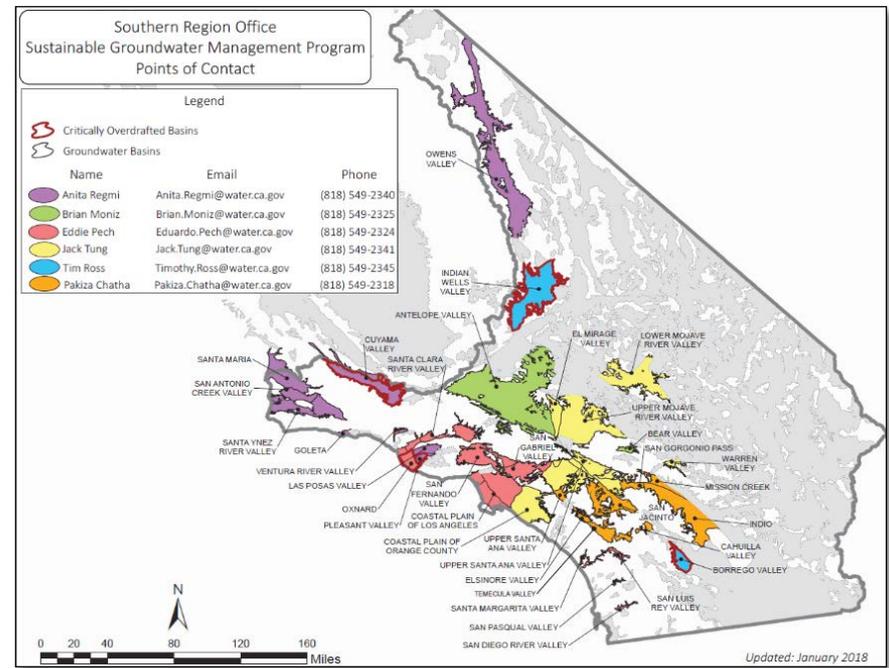
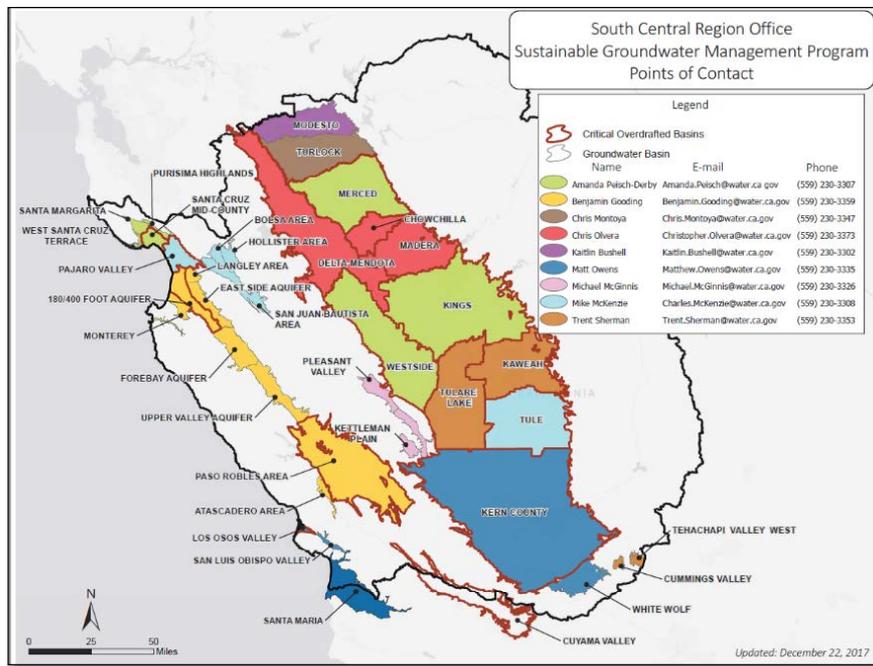
Planning Assistance

- Facilitation Support Services (FSS) Currently Available for GSP Development
- Funding Priorities
 - Critically overdrafted basins
 - Basins without prior DWR FSS
 - Funding decisions made on a continuous basis
- Services Offered
 - Stakeholder identification and engagement
 - Public outreach facilitation
 - GSA meeting facilitation
 - Consensus building



DWR's GSA Engagement

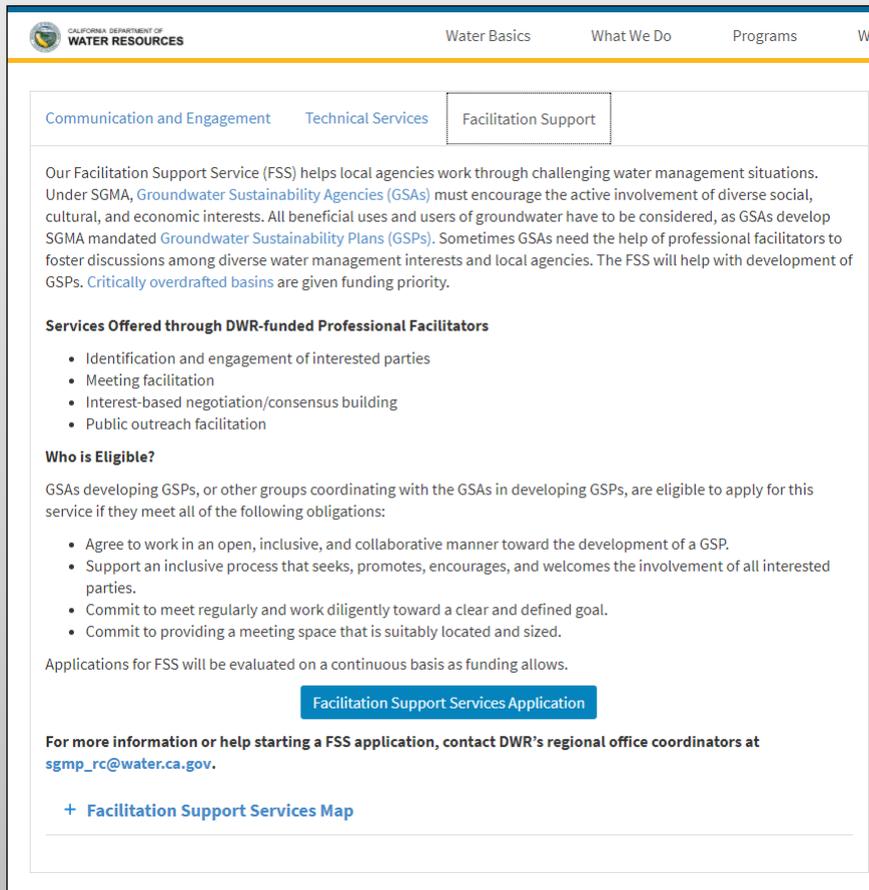
- DWR Region Office Points of Contact (POCs) by Basin
- DWR POCs and Regional Coordinators Will Provide Engagement to GSAs During GSP Development



Planning Assistance Resources

www.water.ca.gov/Programs/Groundwater-Management/Assistance-and-Engagement

Facilitation Website



The screenshot shows the 'Facilitation Website' page. At the top, there is a navigation bar with 'Water Basics', 'What We Do', 'Programs', and 'Wd'. Below this is a sub-navigation bar with 'Communication and Engagement', 'Technical Services', and 'Facilitation Support' (which is highlighted). The main content area includes a paragraph about the Facilitation Support Service (FSS), a list of services offered through DWR-funded Professional Facilitators, a section on who is eligible, and a button for 'Facilitation Support Services Application'. At the bottom, there is a link to 'Facilitation Support Services Map'.

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Water Basics What We Do Programs Wd

Communication and Engagement Technical Services **Facilitation Support**

Our Facilitation Support Service (FSS) helps local agencies work through challenging water management situations. Under SGMA, [Groundwater Sustainability Agencies \(GSAs\)](#) must encourage the active involvement of diverse social, cultural, and economic interests. All beneficial uses and users of groundwater have to be considered, as GSAs develop SGMA mandated [Groundwater Sustainability Plans \(GSPs\)](#). Sometimes GSAs need the help of professional facilitators to foster discussions among diverse water management interests and local agencies. The FSS will help with development of GSPs. [Critically overdrafted basins](#) are given funding priority.

Services Offered through DWR-funded Professional Facilitators

- Identification and engagement of interested parties
- Meeting facilitation
- Interest-based negotiation/consensus building
- Public outreach facilitation

Who is Eligible?

GSAs developing GSPs, or other groups coordinating with the GSAs in developing GSPs, are eligible to apply for this service if they meet all of the following obligations:

- Agree to work in an open, inclusive, and collaborative manner toward the development of a GSP.
- Support an inclusive process that seeks, promotes, encourages, and welcomes the involvement of all interested parties.
- Commit to meet regularly and work diligently toward a clear and defined goal.
- Commit to providing a meeting space that is suitably located and sized.

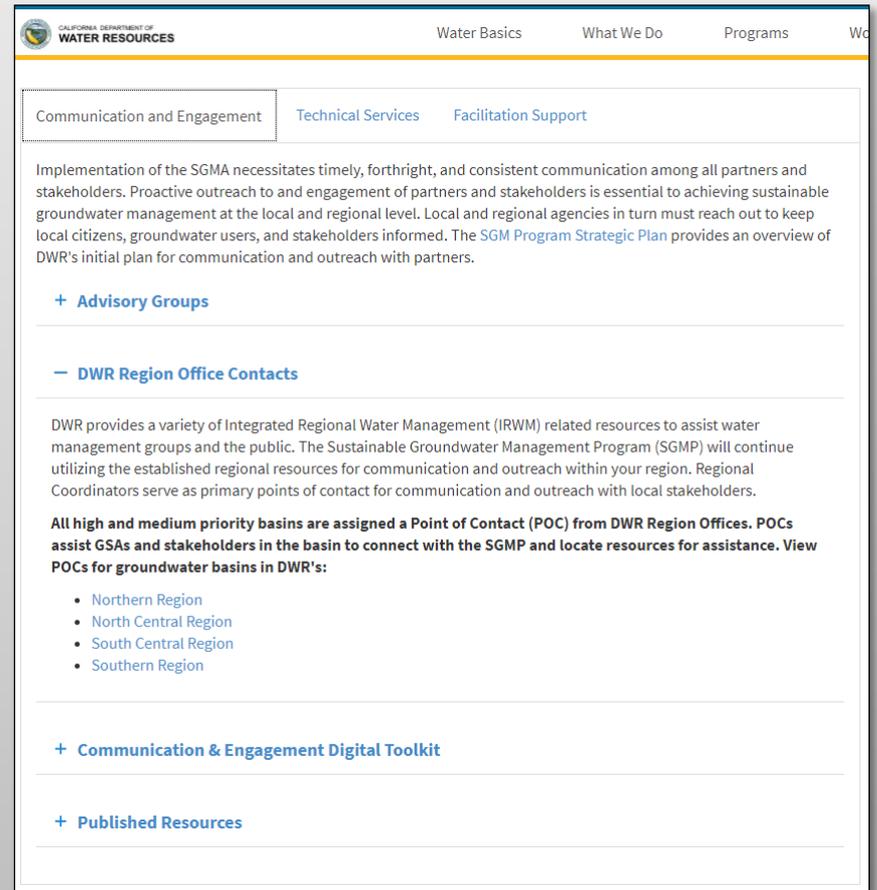
Applications for FSS will be evaluated on a continuous basis as funding allows.

[Facilitation Support Services Application](#)

For more information or help starting a FSS application, contact DWR's regional office coordinators at sgmp_rc@water.ca.gov.

[+ Facilitation Support Services Map](#)

Basin Point of Contact Website



The screenshot shows the 'Basin Point of Contact Website' page. At the top, there is a navigation bar with 'Water Basics', 'What We Do', 'Programs', and 'Wd'. Below this is a sub-navigation bar with 'Communication and Engagement', 'Technical Services', and 'Facilitation Support'. The main content area includes a paragraph about the implementation of the SGMA, a section on advisory groups, a section on DWR region office contacts, and a section on published resources.

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Water Basics What We Do Programs Wd

Communication and Engagement Technical Services **Facilitation Support**

Implementation of the SGMA necessitates timely, forthright, and consistent communication among all partners and stakeholders. Proactive outreach to and engagement of partners and stakeholders is essential to achieving sustainable groundwater management at the local and regional level. Local and regional agencies in turn must reach out to keep local citizens, groundwater users, and stakeholders informed. The [SGM Program Strategic Plan](#) provides an overview of DWR's initial plan for communication and outreach with partners.

[+ Advisory Groups](#)

[- DWR Region Office Contacts](#)

DWR provides a variety of Integrated Regional Water Management (IRWM) related resources to assist water management groups and the public. The Sustainable Groundwater Management Program (SGMP) will continue utilizing the established regional resources for communication and outreach within your region. Regional Coordinators serve as primary points of contact for communication and outreach with local stakeholders.

All high and medium priority basins are assigned a Point of Contact (POC) from DWR Region Offices. POCs assist GSAs and stakeholders in the basin to connect with the SGMP and locate resources for assistance. View POCs for groundwater basins in DWR's:

- Northern Region
- North Central Region
- South Central Region
- Southern Region

[+ Communication & Engagement Digital Toolkit](#)

[+ Published Resources](#)

Technical Assistance Update

DWR Technical Assistance

1. Guidance and Education

- Best Management Practices
- Guidance Documents
- Fact Sheets and Reports

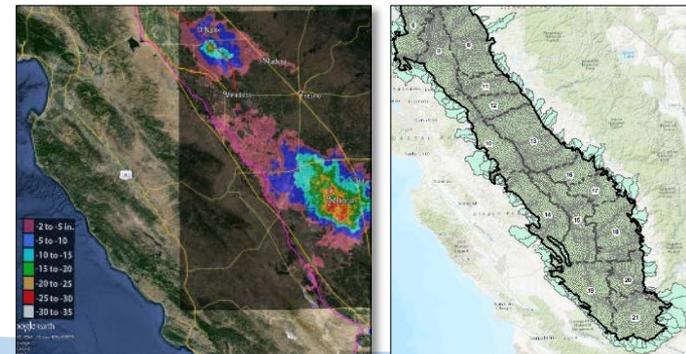


2. Technical Support Services (TSS)

- Available to GSAs
- Can help fill data gaps
 - Field Activities
 - Modeling and Tools



3. Statewide Datasets and Tools



Technical Support Services (TSS)

www.water.ca.gov/Programs/Groundwater-Management/Assistance-and-Engagement

➤ **Now Available** - Contact DWR
POC for Information

➤ Services Offered

- Field Activities
 - Monitoring Well Installation
 - 17 apps to date, 4 in the SJV
 - Groundwater Level Training
 - Well Video Logging
- Modeling and Tools
 - Modeling Support/Training



Technical Support Services (TSS)

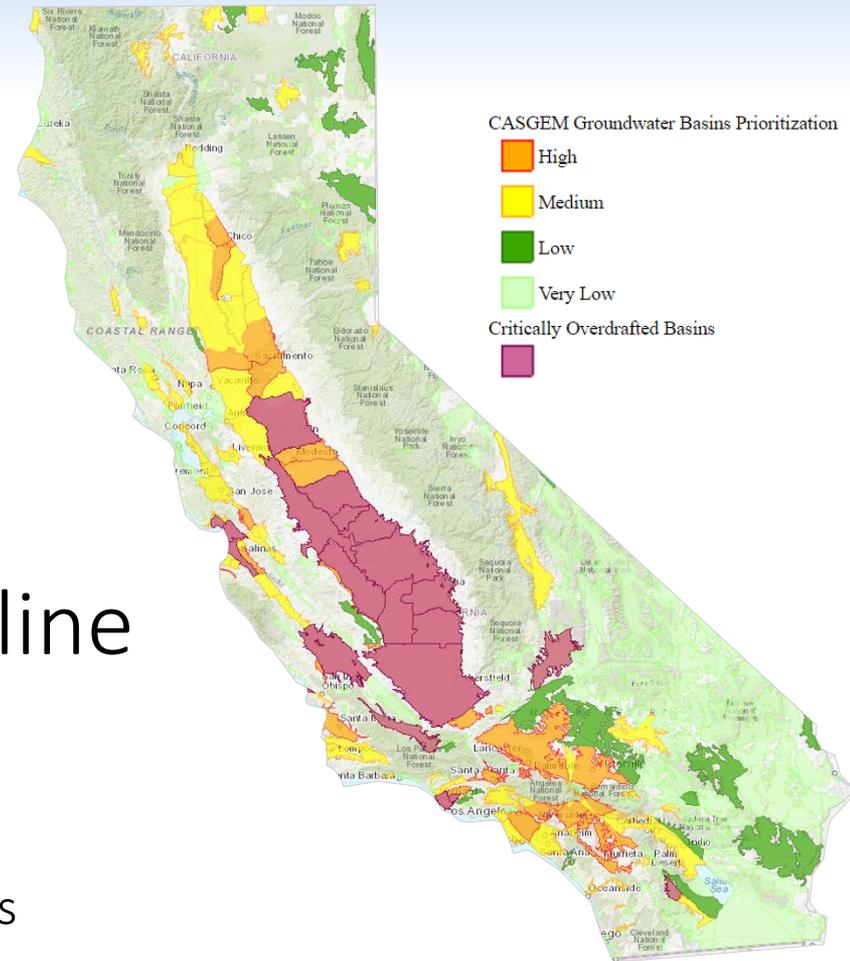
www.water.ca.gov/Programs/Groundwater-Management/Assistance-and-Engagement

Minimum Standards

- Must be a GSA
- Must submit GSP Initial Notification
- Single Contact for Each Basin
- Coordination within Basin

Funding Priorities & Timeline

- TSS in critically overdrafted basins
- TSS in High and medium priority basins
- TSS addressing data gaps & technical needs
- Funding decisions made on a continuous basis



Statewide Datasets and Tools

www.water.ca.gov/Programs/Groundwater-Management/Data-and-Tools

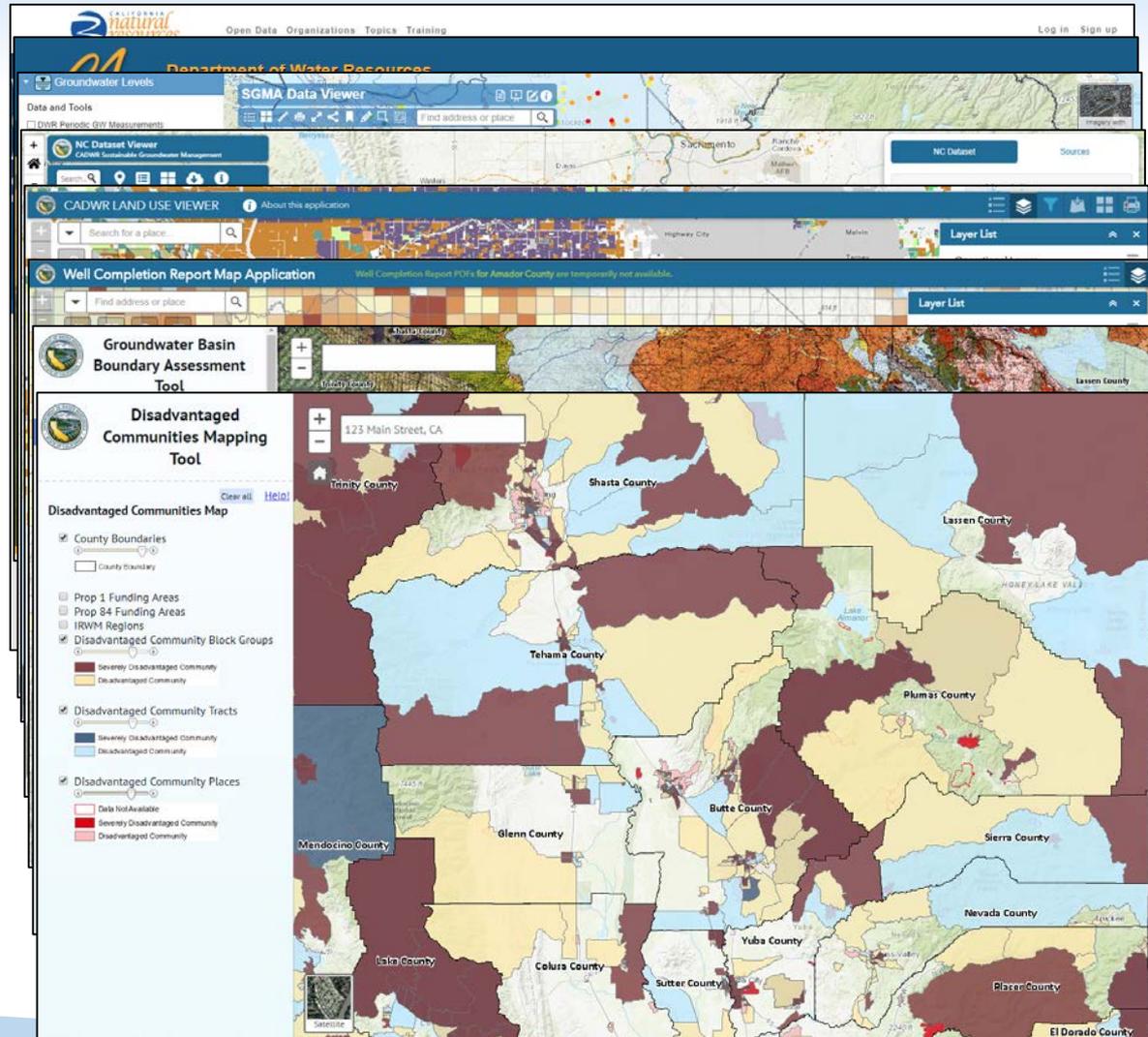
Data, Tools, and Reports Webpage

- Download Data
- Groundwater Tools
 - Interactive Maps
 - Modeling Tools
- Climate Change Data/Tools
- Maps and Reports

The screenshot shows the 'Data and Tools' webpage from the California Department of Water Resources. The page features a navigation bar with the department's logo and icons for 'Water Basics', 'What We Do', and 'Programs'. Below the navigation bar, there are breadcrumb links for 'Home', 'Programs', 'Groundwater Management', and 'Data and Tools'. The main heading is 'Data and Tools', followed by an introductory paragraph about the Sustainable Groundwater Management Act (SGMA) and the need for data access. A featured section highlights a 'Data Tools and Reports Fact Sheet (PDF)' published on August 01, 2017, which serves as a quick reference guide for Groundwater Sustainability Agencies (GSAs). At the bottom, there is a tabbed interface with categories like 'Data', 'Mapping', 'Modeling', 'Climate Change', 'Maps', and 'Reports'. The 'Data' tab is active, displaying a 'DWR's SGMA Portal' which allows users to submit, modify, and view information related to the SGMA. The portal includes a 'SUBMIT AND VIEW SGMA INFORMATION AND DATA' section with buttons for 'Submit', 'View', 'Edit', and 'Delete'.

Statewide Data and Tools

- CNRA Open Data Platform
- SGMA Portal
- SGMA Data Viewer
- NCCAG Dataset Viewer
- Land Use Viewer
- Well Completion Report Map Application
- Basin Boundary Assessment Tool
- DAC Mapping Tool



SGMA Data Viewer

<https://sgma.water.ca.gov/sgmadataviewer>

SGMA Data Viewer

Find address or place

Boundaries

- County Boundaries
- Region Office Service Areas
- Hydrologic Regions
- Canals and Aqueducts
- Flood Local Maintenance Areas
- Regional Flood Planning Boundaries
- Adjudicated Areas
- Tribal Trust Boundary
- Tribal Trust Lands
- Disadvantaged Communities Block Groups
- Disadvantaged Communities Places
- Disadvantaged Communities Tracts
- Water Agencies
- Critically Overdrafted Basins
- CASGEM Groundwater Basins Prioritization
- Bulletin 118 Groundwater Basins - 2016
 - Bulletin 118 Groundwater Basins
- Bulletin 118 Groundwater Basins - 2003
- GSA Notice Submitted
- Exclusive GSA
- IRWM Regions
- Detailed Analysis Units - Water Plan
- Planning Areas - Water Plan
- Watersheds
- State Parks
- State Refuges
- CDFW Owned and Operated Lands and Conservation Easements
- California Protected Areas Database (CPAD) Holdings

Results

GSA Notice Submitted Bulletin 118 Groundwater Basins - 2016 County Boundaries

DWR GSA ID	GSA Name	Basin(s)	GSA URL	POC Name	POC Phone	POC Email	GSA ID
259	West Placer Groundwater Sustainability Agency	5-021.64 (Exclusive)		Brett Storey	(530) 745-3011	BStorey@placer.ca.gov	209

Show 25 entries Showing 1 to 2 of 2 entries Previous 1 Next

Statewide Datasets and Tools

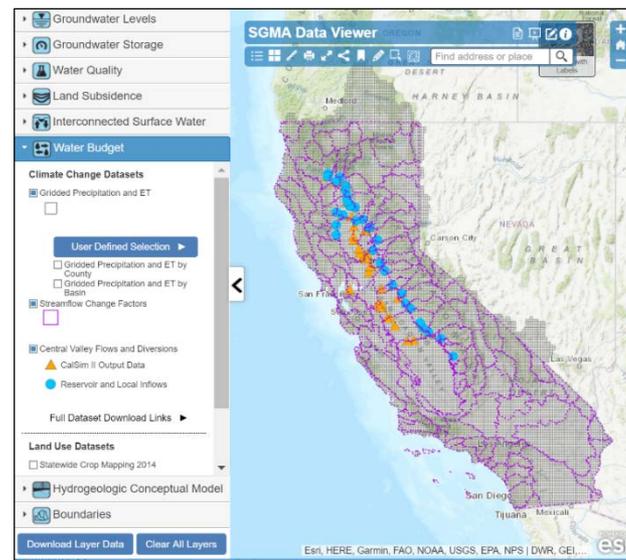
DWR Models

- **IWFM** – Currently Available
- **C2VSim - Fine Grid (Central Valley)**
 - Beta version – Now Available
 - Next version – Early 2019

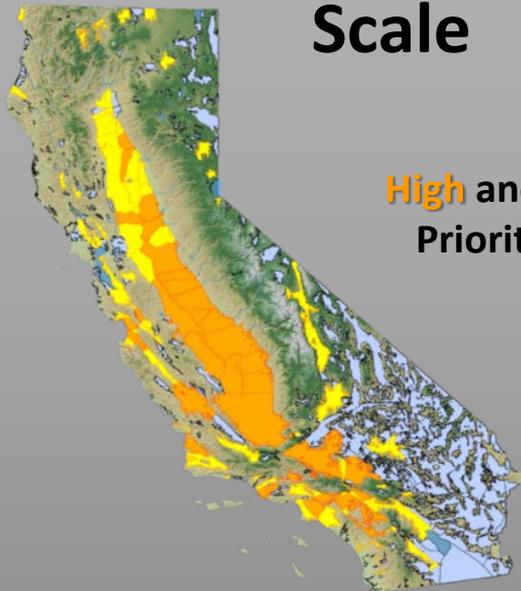


Climate Change Guidance

- **Resource Guide**
- **Guidance Document**
- **Data & Tools** - SGMA Data Viewer

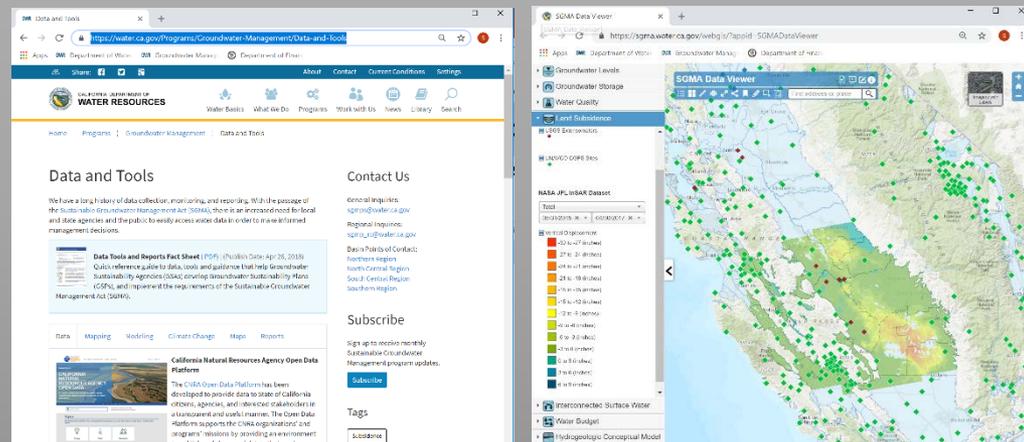


Scale



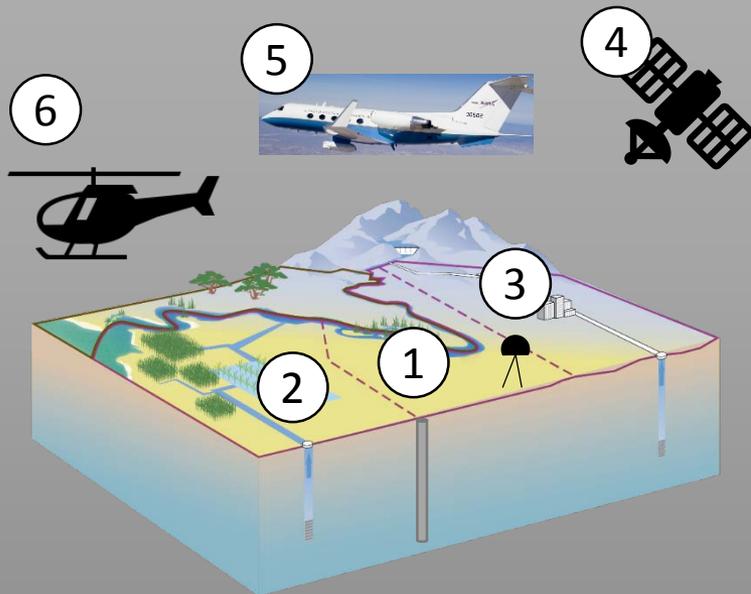
**High and Medium
Priority Basins**

Accessibility



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

Monitoring Network



Land-Based

- Monitoring Wells:**

 - Existing Groundwater MW
 - SGMA TSS (Now ->)
- Extensometers**

 - Existing SJV Network
 - Refurbishment of Existing Sites (2019 ->)
- Surveying (CGPS)**

 - UNAVCO & CalTrans
 - SGMA TSS (2019 ->)

Remote Sensing

- InSAR**

 - Existing & New NASA Data
 - Future InSAR data in the High & Medium Basins (Early 2019 ->)
- UAVSAR**

 - Existing & New NASA Data
- Airborne Electromagnetics**

 - Data Collection (2019 ->)

DWR Contacts & SGMA Resources

DWR Regional Offices:

DWR Sacramento:

- **Steven Springhorn**
Steven.Springhorn@water.ca.gov

SGMA Resources

- **DWR SGMP Webpage**
<https://www.water.ca.gov/Programs/Groundwater-Management>
- **Subscribe to DWR SGMP Email List**
<https://bit.ly/2HdRRGK>
- **DWR Data, Tools, and Reports Webpage**
www.water.ca.gov/Programs/Groundwater-Management/Data-and-Tools

