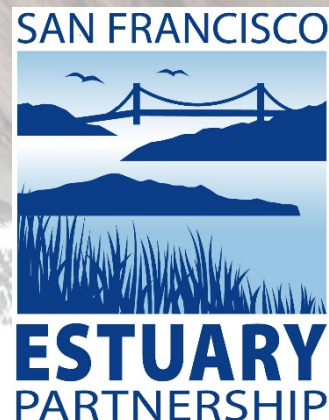
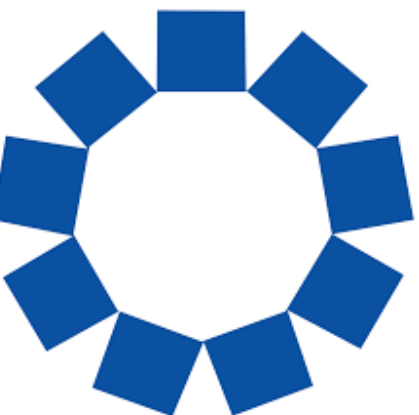




Bay Area Integrated Regional Water Management

ABAG Executive Board

Integrated Regional Water Management Program Overview and 2019 Plan Update



IRWM Presentation Overview



1. Overview of the IRWM program
2. Review of Bay Area Program
3. Plan Update Review



Before we Begin...

- IRWM – Integrated Regional Water Management
- Why adopt the updated plan?
 - ABAG is the grantee for Prop 1 Round 1 and must adopt the plan to receive funding
 - Adopted plan in 2006, 2013



Hydrologic Characteristics



- Complex network of watersheds, marshes, rivers, creeks, reservoirs, and bays predominantly draining into the San Francisco Bay and Pacific Ocean
- Biggest impacts to hydrologic function of Bay Area Region watersheds are urbanization and land practice alterations

Project Types

Four Broad Functional Areas:

- Water Supply / Water Quality
- Wastewater / Recycled Water
- Flood Control / Stormwater
- Habitat / Watersheds



What is the Bay Area IRWM Plan?



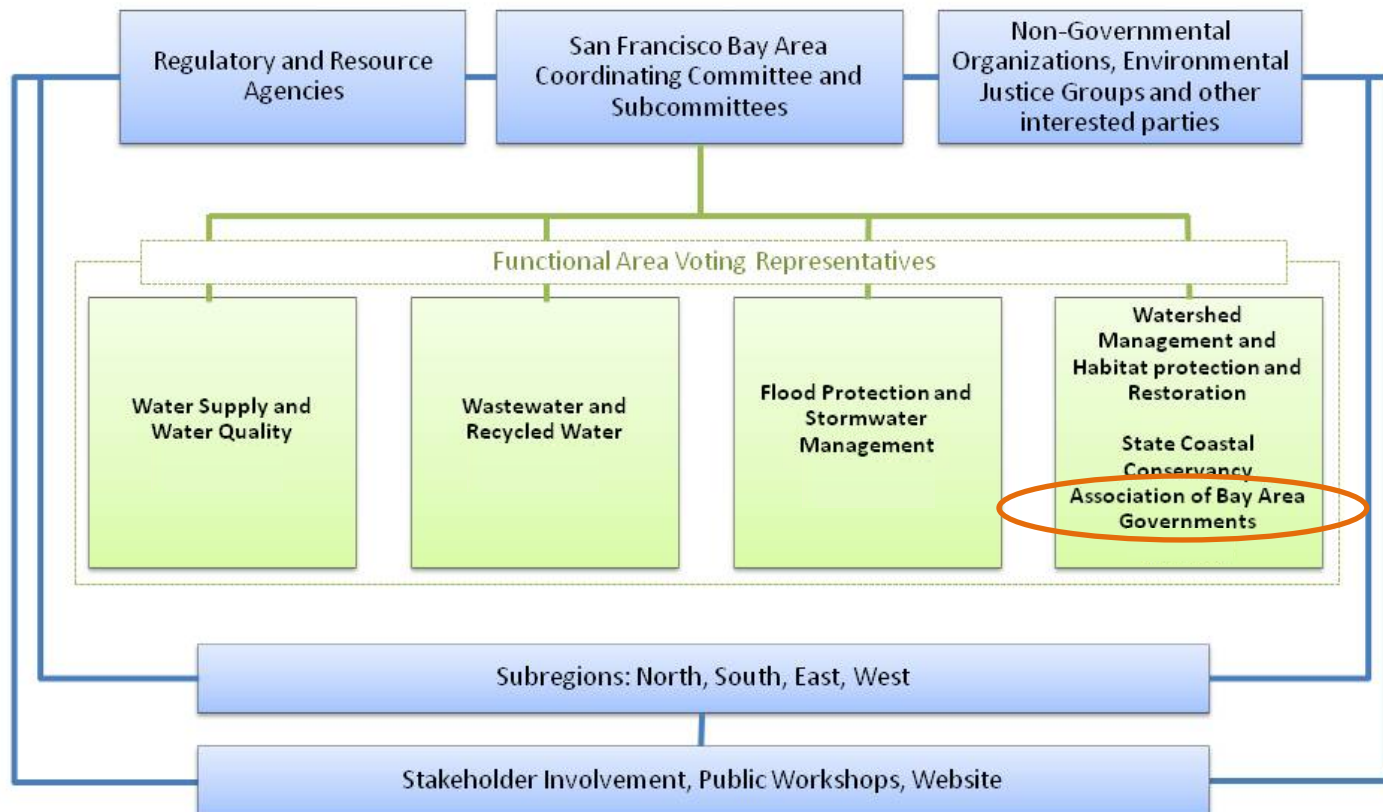
The Bay Area Integrated Regional Water Management Plan is a nine-county effort to address the following critical needs:

- Promote environmental, economic and social **sustainability**
- Improve **water** supply reliability and quality
- Improve regional **flood management**
- Protect and improve **watershed health and function** and Bay water quality
- Create, protect, enhance, and maintain **environmental resources and habitats**



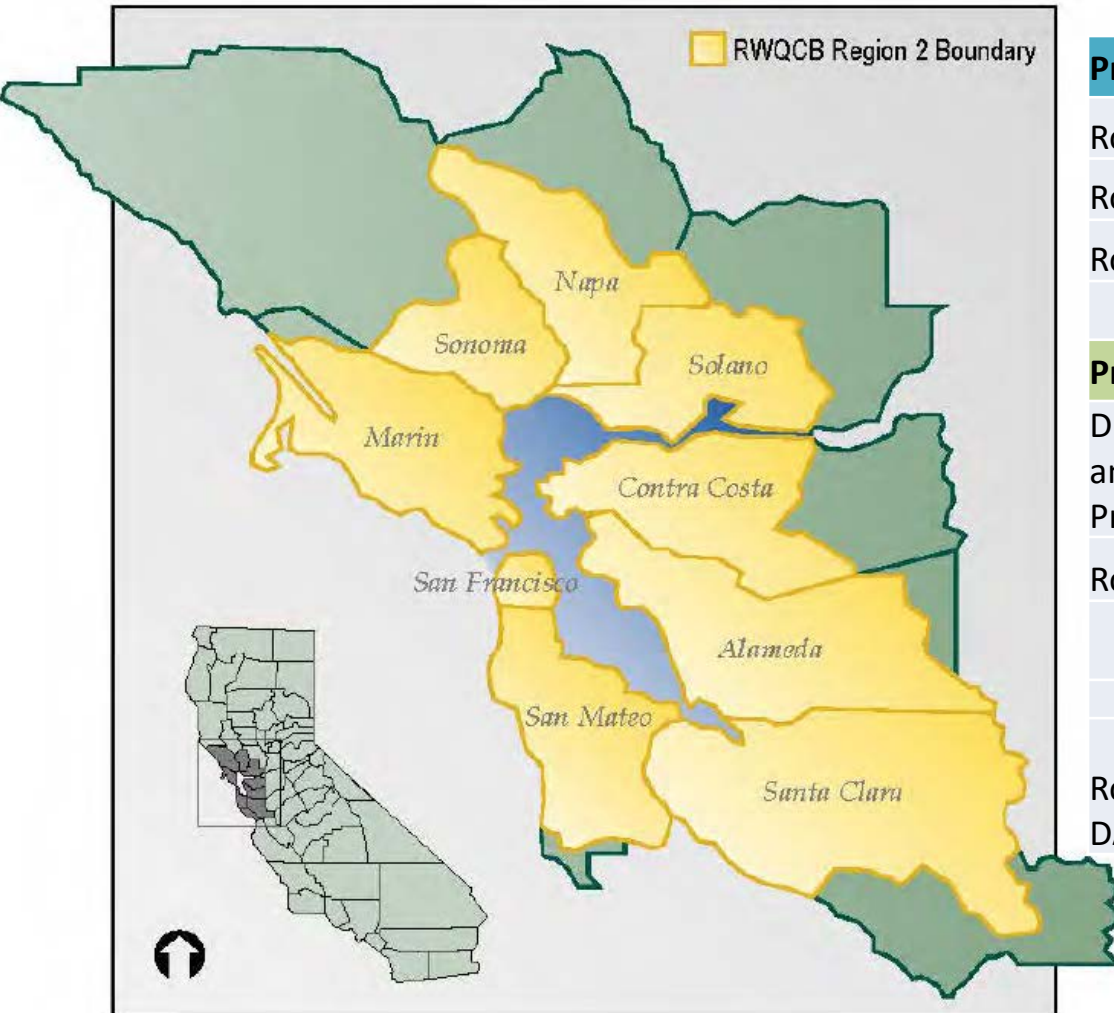
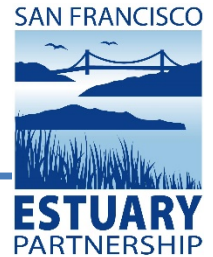
Bay Area IRWM Governance

- The Bay Area region has a Coordinating Committee (CC), which is open to the public and includes representatives from each of the four functional areas, and each of the four sub-regions.
- CC is the Regional Water Management Group (RWMG) for the IRWMP.
- 12 voting representatives, 3 each from each functional area
- CC meets monthly





SF Bay Funding Area



Proposition 84 (2006)	Grant Amount	Year
Round 2 Implementation	\$20,000,000	2014
Round 3 Implementation	\$32,178,423	2015
Round 4 Implementation	\$21,469,025	2016
Proposition 1	Grant Amount	Year
Disadvantaged Community and Tribal Involvement Program	\$3,020,000	2019
Round 1 Implementation	\$22,750,000	2020
Total	\$99,417,448	
Round 2 Implementation DAC/Tribal Implementation	\$22,750,000 \$6,500,000	2021

2016 IRWM Plan Guidelines

- The 2016 IRWM Guidelines updated and created new standards in the following sections:
 - Region Description
 - Plan Objectives
 - Resource Management Strategies
 - Project Review Process
 - Plan Performance and Monitoring
 - Local Water Planning
 - Local Land use Planning
 - Stakeholder Involvement
 - Climate Change



Local Land Use Planning

This is a New Requirement

“Demonstrate information sharing and collaboration with regional land use planning in order to manage multiple water demands throughout the state, adapt water management systems to climate change, and potentially offset climate change impacts to water supply in California.”

2016 IRWM Plan Guidelines

- Many of the required updates directly related to Climate Change
- More detail on these required updates can be found in Appendix H of the 2016 IRWM Grant Program Guidelines
- The state requires all regions in California to update their plan before receiving Proposition 1 Implementation funding

2016 IRWM Plan Guidelines

- Major Takeaways
 - 23 Plan Standard updates
 - 11 updated requirements
 - 12 new requirements
 - The updated and new requirements focused on
 - Climate Change impacts, adaptation, & mitigation
 - Reducing energy Green House Gas emissions
 - Tribal inclusion and recognition
 - Ongoing IRWM plan updates and regional collaboration

Process

- The process to update the plan to conform to 2016 standards was led by the SFPUC in consultation with DAC and Tribal representatives
- The updates were posted for public comment. All comments received were satisfactorily addressed.
- The CC unanimously approved them in October 2019
- The updated plan was submitted to DWR in November 2019 and approved in March 2020

Bay Area IRWM Plan Update

- Many of the new and updated DWR standards were already met
- Robust changes were made to address DAC and Tribal language in relevant sections
- Minimal climate change language was added
- The project list was updated
- Governance will be addressed in a future Bay Area IRWM Plan update to include DAC and Tribal voting members



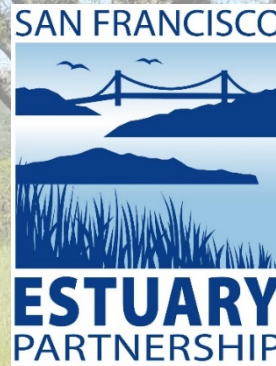
Thank You!

The 2019 Plan:

<http://sfestuary.org/IRWMPlan2019>

More Information:

<http://bayareairwmp.org/>



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Bay Area - Updated Sections (Reference Only)

- 1.2.2.1 – Identification of Stakeholder Types
- 1.3.1 – Public Outreach and Involvement Process
- 1.4.2 – Outreach to Disadvantaged Communities and Native American Tribes
- 1.7 – Interim and Formal Changes to the Plan and Plan Updates
- 2.2.7 – Biodiversity and Protected Lands
- 2.2.10 – Social and Cultural Makeup
- 2.2.13 – Native American Tribal Communities
- 3.2.3.1 – Prioritizing the Objectives
- 6.3.2.1 – Targeted Assistance for DAC Project Proponents
- 7.6.1 – Habitat Protection and Improvement
- 7.11.1 – DACs in the Bay Area Region
- 7.11.3 – Current Projects in DACs
- 7.12 – Effects on Native American Tribal Communities
- 13.1 – Land Use Planning in the Bay Area
- 14.5.3 – Participation in the Coordinating Committee
- 14.5.5 – General Outreach Materials and Distribution
- 14.6.1 – Approach to DAC Engagement
- 14.6.5 – Targeted DAC Outreach and Engagement
- 14.6.7 – Disadvantaged Community and Tribal Involvement Program
- 14.7 – Native American Tribe Identification and Outreach
- 14.8 – Stakeholder Engagement Following Adoption of the IRWMP