

# OWOW PLAN UPDATE 2018

STEERING COMMITTEE WORKSHOP ON GOALS & OBJECTIVES



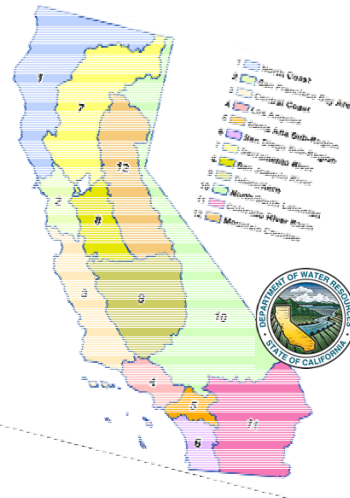
## HISTORY OF PLANNING AT SAWPA

- SAWPA Water Resources Plan (1998)
- Santa Ana Integrated Watershed Plan (Vol 1&2) (2002)
  - Santa Ana Regional Interceptor (2002)
- Santa Ana Integrated Watershed Plan Update (2005)
- One Water One Watershed Plan (2010)
- OWOW 2.0 (2014)



## SANTA ANA RIVER WATERSHED PLANNING

- Process and Plan became template for California's Integrated Regional Water Management Program
- IRWM supports statewide improvement in water resources through three ideas:
  1. There is a statewide need to improve.
  2. "Improvement" is regionally / locally specific
  3. Therefore, local decisions should drive improvements
    1. (following state guidelines, using matched local & state dollars)



## OWOW ACCOLADES

- Riverside Land Conservancy – Local Government Environmental Excellence Award
- American Water Resources Association (AWRA) - Award recognizing outstanding Integrated Water Resources Management project
- AWRA Mary H. Marsh Medal to OWOW Steering Committee Chair
- ASCE Los Angeles Section Sustainable Engineering Project of the Year
- Harvard Kennedy School of Government – One of the top 25 innovative governance programs in the country
- ACWA Clair Hill Award
- APA Outstanding Planning Award
- EPA Clean Water Partner



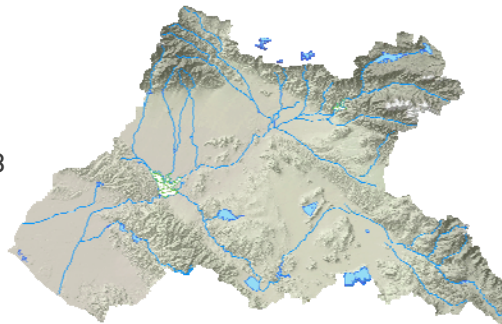
## WHY?

- OWOW exemplifies shared governance, the Steering Committee.
  - Shared purpose, diverse perspectives
- OWOW is written by the stakeholders, gathered in *Pillars*.
  - Extremely rare way of doing things
  - Complicates the process and yields critical buy-in and shared leadership
  - Projects undertaken are ideas still on the cutting-edge or involve complicated partnerships



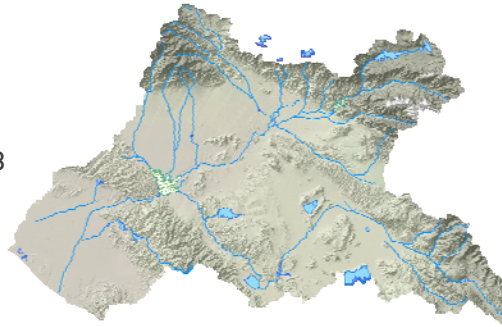
## OWOW PLAN UPDATE 2018

- Where are we headed?
  - Goals & Objectives
- Where are we today?
  - OWOW Plan Update 2018
- How do we get there?
  - Conceptual projects
  - Call for Projects
    - Implementation rounds of funding



## OWOW PLAN UPDATE 2018

- Where are we headed?
  - **Goals & Objectives**
- Where are we today?
  - OWOW Plan Update 2018
- How do we get there?
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## GOALS & OBJECTIVES PROCESS TO-DATE

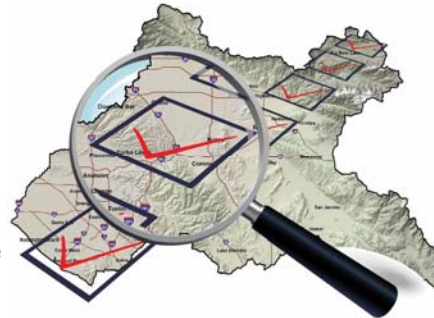
- Review of OWOW 1 and 2 goals by Pillar Integration meeting
- OWOW Conference display (only light engagement)
- Pillar workgroup comments due soon
- Today's workshop



Lake Arrowhead 2017 Water Conservation Calendar Contest Winner Tomas Viramontes (4<sup>th</sup> Grade)

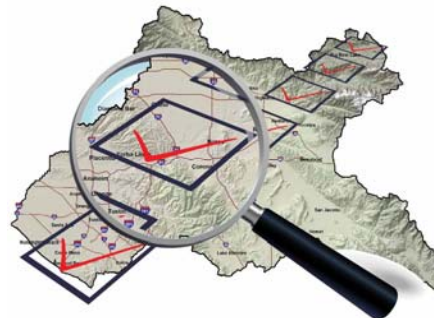
## GOALS & OBJECTIVES NEXT STEPS

- Incorporate comments from today's workshop and Pillars
- Final drafts circulated for Pillars and Project Proponents to use
- Final approval by the Steering Committee as part of the Plan once the update is complete in 2018.



## WORKSHOP

- Review goals while note-takers collect comments from Steering Committee members
- Affirm or alter previous OWOW idea that goals are co-equal, without prioritization



REVERSE ALPHABETICAL GOALS:  
"IT IS OUR GOAL THAT..."

- **Water supplies are made resilient through innovation and optimization.**
  - Objectives:
    - Decreased total and per capita water demand
    - Increased water-use efficiency in all sectors
    - Reduction of ornamental irrigated landscapes
    - Increased use of recycled water
    - Sustainably developed local water resources
    - Sufficient storage to overcome three-year drought over a ten-year hydrologic cycle

REVERSE ALPHABETICAL GOALS:  
"IT IS OUR GOAL THAT..."

- **Rain is managed in service of safe, sustainable, and livable communities.**
  - Objectives:
    - Safely co-managed flood protection and water conservation
    - Increase use of rainfall and snowpack as a resource

REVERSE ALPHABETICAL GOALS:  
"IT IS OUR GOAL THAT..."

- **People and organizations are educated about successes and challenges in the watershed.**

- Objectives:
  - New Goal (not in OWOW 2.0), none yet identified, all Pillars to contribute

REVERSE ALPHABETICAL GOALS:  
"IT IS OUR GOAL THAT..."

- **Members of disadvantaged communities are engaged in watershed planning to ensure supportive programs and projects.**

- Objectives:
  - Water Management adopts best-practices of environmental justice action
  - Identification of strengths and needs of overburdened communities
  - Prioritization of programs and projects that meet low-income community need

REVERSE ALPHABETICAL GOALS:  
"IT IS OUR GOAL THAT..."

■ **Ecosystem services are preserved and enhanced to benefit open space, habitat, and natural hydrologic function**

- Objectives:
  - Preserved and restored hydrologic function of streams, water bodies, and other lands
  - Protect and maintain healthy forests, aquatic and riparian native habitats
  - Protect and restore wildlife corridors
  - Ecosystem function included in new development planning and construction
  - Protect endangered and threatened species and species of special concern
  - Strategic effort to remove and manage invasive species

REVERSE ALPHABETICAL GOALS:  
"IT IS OUR GOAL THAT..."

■ **Data integration, tracking and reporting are enhanced in support of collaborative watershed management.**

- Objectives:
  - Increased accessibility of data between data managers
  - Partnerships develop standard data formats / data fields to allow comparative analyses
  - Reduced redundancy in data collection in overlapping programs
  - Streamlined regulatory reporting requirements



REVERSE ALPHABETICAL GOALS:  
 “IT IS OUR GOAL THAT...”

■ **Collaborative watershed planning, implementation and management support improved sustainability and resilience.**

- Objectives:
  - Improved regional integration and coordination
  - Balanced quality of life and social, environmental, and economic impacts when implementing projects
  - Prioritization of economically effective solutions
  - Ongoing consultation with Native American tribes
  - Reduced conflict between water resources and protection of endangered species
  - Reduced green-house-gas emissions and energy consumption from water resource management

REVERSE ALPHABETICAL GOALS:  
 “IT IS OUR GOAL THAT...”

■ **Beneficial uses are protected, ensuring high quality water for people and the environment.**

- Objectives:
  - Water quality standards attained in fresh and marine environments
  - Source water quality protected and improved
  - Watershed salt balance achieved and maintained
  - All people in the watershed have safe drinking water

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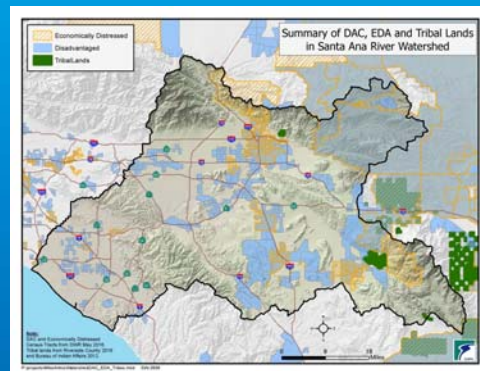
# Disadvantaged Community Involvement (DCI) Program

Proposed new partner:  
University of California, Irvine



## OWOW Program Approach

1. Strengths and Needs Assessment
2. Education and Engagement
3. Project Development



- Disadvantaged / Tribal Community Pillar
- Technical Advisory Committee



# DCI Program Design

DCI Technical  
Advisory  
Committee

OWOW  
Steering  
Committee

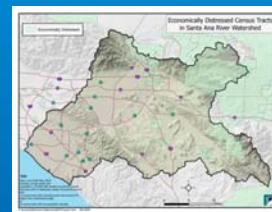
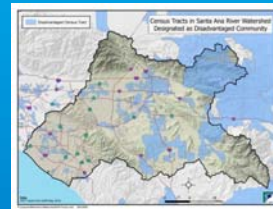
SAWPA  
Commission



- Grant dollars in Program Element 1 and PE 3
  - Designed to be allocated to needed / eligible items during the project
  - As strengths & needs are uncovered, the TAC will recommend to Steering Committee for allocation.
  - SAWPA Commission ultimately responsible for Grant Administration





# Strengths & Needs Assessment



- Engagement Activities
  - With water agencies, elected leaders, mutual water companies, and community members
- Community Identity
  - How communities understand their boundaries, their strengths, their needs?
  - Who are the people of each community?





UC Irvine   Water UCI

- Drs. Valarie Olsen and Emily Brooks
  - Department of Anthropology
  - Center for Ethnography – home of the Community Knowledge Project
  - Water UCI – initiative supporting interdisciplinary research on water science, technology, management and policy.

UC Irvine   Water UCI


- Training DCI partners on effective engagement methods
  - Developing written guide for future use
- Preserving community knowledge by archiving water stories collected during the DCI Program.
- Building and maintaining relationships of trust between community members and water practitioners.
- Identifying community-scale variables of strengths, needs, and values related to water.
- Cataloging effective ways for water agencies to partner with community groups

## Recommendation

- Request SAWPA to negotiate and execute a subagreement with the University of California, Irvine for services as a partner to the Disadvantaged Communities Involvement Program






## DWR Prop 1 IRWM Implementation

Mark R. Norton PE, LEED AP  
Santa Ana Watershed Project  
Authority

July 27, 2017

## Proposition 50, 84 and Prop 1 IRWM

- SAWPA is the State accepted IRWM group for future IRWM work in the watershed
- Successful project grants from Prop 50, Round 1, 2, Drought Round and 2015 Round under DWR's IRWM implementation program.
- SAWPA will be responsible for all audits and review of implemented Prop 50, Prop 84 and Prop 1 projects for 10 years after project completion.



**Benefits:**

- \$25 million – total from Prop 50
- \$114 million –total from Prop 84
- \$63 million – total from Prop 1

# IRWM Funding Areas of Prop 1



# Available Prop 1 IRWM Funding

Funding Areas	P1 Allocation	2% Bond Admin	5% Program Delivery	10% DAC Involvement	10% DAC Projects	Remaining*
North Coast	\$26,500,000	\$530,000	\$1,325,000	\$2,650,000	\$2,650,000	\$19,345,000
San Francisco Bay Area	\$65,000,000	\$1,300,000	\$3,250,000	\$6,500,000	\$6,500,000	\$47,450,000
Central Coast	\$43,000,000	\$860,000	\$2,150,000	\$4,300,000	\$4,300,000	\$31,390,000
Los Angeles	\$98,000,000	\$1,960,000	\$4,900,000	\$9,800,000	\$9,800,000	\$71,540,000
Santa Ana	\$63,000,000	\$1,260,000	\$3,150,000	\$6,300,000	\$6,300,000	\$45,990,000
San Diego	\$52,500,000	\$1,050,000	\$2,625,000	\$5,250,000	\$5,250,000	\$38,325,000
Sacramento River	\$37,000,000	\$740,000	\$1,850,000	\$3,700,000	\$3,700,000	\$27,010,000
San Joaquin River	\$31,000,000	\$620,000	\$1,550,000	\$3,100,000	\$3,100,000	\$22,630,000
Tulare/Kern	\$34,000,000	\$680,000	\$1,700,000	\$3,400,000	\$3,400,000	\$24,820,000
North/South Lahontan	\$24,500,000	\$490,000	\$1,225,000	\$2,450,000	\$2,450,000	\$17,885,000
Colorado River	\$22,500,000	\$450,000	\$1,125,000	\$2,250,000	\$2,250,000	\$16,425,000
Mountain Counties	\$13,000,000	\$260,000	\$650,000	\$1,300,000	\$1,300,000	\$9,490,000
<b>Total</b>	<b>\$510,000,000</b>	<b>\$10,200,000</b>	<b>\$25,500,000</b>	<b>\$51,000,000</b>	<b>\$51,000,000</b>	<b>\$372,300,000</b>
<b>*Remaining Statewide Funding</b>						
Planning Solicitation		\$5,000,000				
Implementation Solicitations		\$367,300,000				
<b>TOTAL</b>		<b>\$372,300,000</b>				



# Prop 1 Grant Funding continues

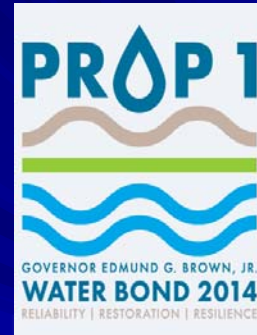
## ■ Future OWOW grant applications

2018-19 1<sup>st</sup> Round Implementation Projects - \$23 million and DAC projects - \$6.3 million

2020-21 2<sup>nd</sup> Round Implementation projects - \$23 million

## SAWPA Next Steps:

- Continue OWOW goals and objectives
- Continue support for multi-benefit, collaborative watershed-scale projects
- Expand support to DACs and economically stressed areas
- Update OWOW Plan to new IRWM Plan Standards



# Schedule - Future Prop 1 IRWM and related grants

Program	Apps Due	Final Awards	Execute Agreements	Program Close Out
Planning	Sep 2016	Jan. 2017	Jun. 2017	Jun. 2019
DAC Involvement	Open Filing	Jun. 2017	Sep. 2017	June 2020
2018 Implementation & DAC Projects	Spring 2018	Summer 2018	Fall 2018	Spring 2022
2020 Implementation	Spring 2020	Summer 2020	Fall 2020	Spring 2024
Counties w/stressed basins	Dec. 2015	Mar. 2016		Summer 2018
SGWP & SDAC	Fall 2017	Early 2018		2020/2022

SGWP – Sustainable Groundwater Plan  
 SDAC - Severely Disadvantaged Communities

## Prop 1 Implementation Eligible Projects

Included, but not limited to:

- Decision support tools
- Conjunctive use
- Improvement of water quality
- Storm water resource management
- Surface and underground water storage
- Water conveyance facilities
- Water desalination projects
- Water reuse and recycling
- Water-use efficiency and water conservation
- Watershed protection, restoration, and management projects



INTEGRATED  
WATER  
RESOURCES

## Prop 1 Requirements Eligible Applicants to SAWPA OWOW & Funding Match

- Public Agencies
- Non-profit Organizations
- Public Utilities
- Federally Recognized Indian Tribes
- California Native American Tribes
- Mutual Water Companies



Non-State cost share not less than 50% of total project cost

- May be waived for certain projects benefiting Disadvantaged Communities and Economically Distressed Areas

## Prop 1 Requirements (Cont.)

- Projects must be included in IRWM Plan (OWOW Plan) and:
  - Respond to climate change and
  - Contribute to regional water security (water supply reliability)
- Projects will address the most critical statewide needs and priorities for public funding
- Priority will be given to projects that leverage non-State funding or produce greatest public benefit
- Special consideration for projects that:
  - Achieve multiple benefits
  - Employ new or innovative technology or practices



## DWR Principles for Change in Process

- Improve engagement between DWR and the IRWM regions to discuss how proposed projects will help the region and the Funding Area manage water more sustainably
- Give DWR an opportunity to seek clarification on projects in an application
- Give DWR the ability to only fund projects in a proposal that address the most critical needs within a Funding Area
- Maintain competition in the process
- Ensure projects developed through DACI Program have greatest chance to receive Implementation Grant Funding



## DWR Proposed New Approach – Step 1A

- DWR will hold a public meeting in each of the 12 Funding Areas to:
  - Present the expectations of the grant application
  - Describe what it believes to be the Funding Area's greatest needs
  - Solicit input from the Funding Area to hear what it believes the greatest need of the Funding Area to be
- DWR will summarize the list of needs and publish for public comment
- Publish finalized list



## DWR Proposed New Approach – Step 1B

- Each applicant, on behalf of its IRWM Region, submits a proposal with a suite of projects that require 150% of the maximum grant request
- Application will be brief and include project description to explain how proposed projects address needs of IRWM region and Funding Area, including benefits; schedule; and budget estimate
- DWR will perform a preliminary evaluation of the proposal using the criteria included in the PSP and a review of IRWM plans
- DWR will also formulate a list of questions about the proposal to submit to the applicant before Step 2



## DWR Proposed New Approach – Step 2

- Applicant representatives will meet with DWR to:



- Justify the benefits claimed for each project and explain how they meet the Funding Area's greatest needs
  - Give DWR the opportunity to have its list of questions answered
- DWR will then finalize its evaluation of the projects and determine which projects of each application should be funded, if any

## SAWPA Comments to DWR

- Concern with DWR bypassing and not acknowledging local IRWM governance and plan (*Top down approach*)
- Two step grant process creates additional grant preparation costs and delays
- Funding Area needs are defined in OWOW Plan
- DWR outreach and coordination with local IRWM is encouraged
- Support for innovative “integrated” pilot projects is encouraged



## Proposed Solicitation Schedule

- At least Two Rounds
- Round 1 Draft Proposal Solicitation  
Package to be released in late Fall 2017
- Applications due Spring 2018
- Round 2 – 2020



Questions?

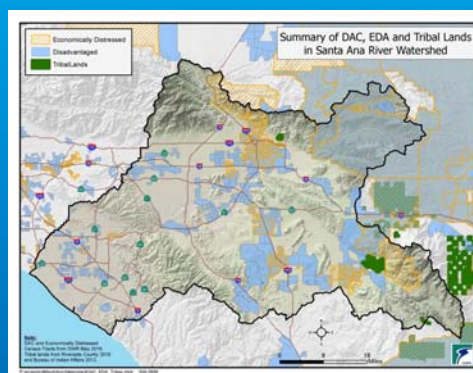
# Disadvantaged Community Involvement (DCI) Program

Homelessness & Water Symposium Recap



## OWOW Program Approach

1. Strengths and Needs Assessment
2. Education and Engagement
3. Project Development



Disadvantaged / Tribal Community Pillar  
Technical Advisory Committee



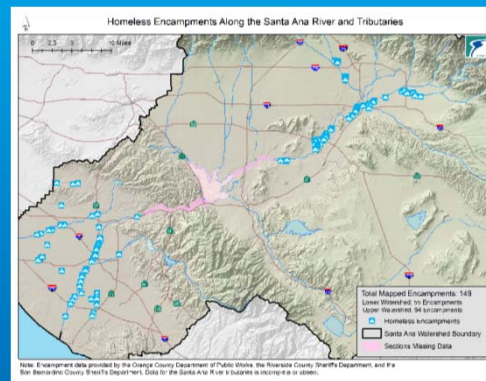
# Homelessness & Water Symposium

- In partnership with the Inland Empire Waterkeeper
- About 65 participants at 6-hour event
- June 29, 2017



# Two panels, discussion, a keynote

- **The State of Homelessness in the Santa Ana River Watershed**
  - Eve Garrow, ACLU of SoCal
  - Damien O'Farrel, Path of Life Ministries
  - Emilio Ramirez, City of Riverside
  - Dep. Mike Jones, SB County SD



Note: Encampment data provided by the Orange County Department of Public Works, the Riverside County Sheriff's Department, and the San Bernardino County Sheriff's Department. Data for the Santa Ana River tributaries is incomplete or absent.





## Two panels, discussion, a keynote

- **Considering a Human Right to Water**

- Anne Rios, Think Dignity
- Adam Fischer, Regional Board
- Rev. Amanda Ford, EJCW
- Angel Mayfield, Homeless advocate

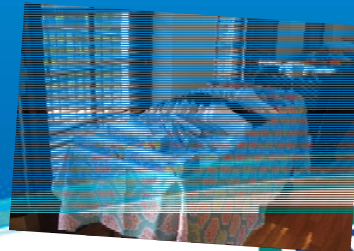
- **Chris Brokate, Clean River Alliance**

AB 685, 2012  
"every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes."



## Outcomes / Next Steps

- A report of the meeting is being drafted, will be released via SAWPA website, social media
- Multiple attendees, including at least three different city reps encouraged follow-on meetings.
- Via DCI Program additional work can be programmed, at the recommendation the DCI Program TAC and the Steering Committee.



## Recommendation

- That the OWOW Steering Committee receive and file this brief report.



# Santa Ana Watershed Project Authority

## *Disadvantaged Communities Involvement Program*

Paul Caporaso, Amanda Schallert

## Disadvantaged Communities Involvement Program

- Ensures the involvement of disadvantaged communities, economically distressed areas, and/or underrepresented communities in IRWM planning
- Funded by a 3-year Proposition 1 grant from the Department of Water Resources
- Partners: California State University Water Resources and Policy Initiatives, Local Government Commission, Water Education Foundation, Cal Rural Water Association

## Project Highlights

1. Homelessness and Water Symposium
2. CSU Community Water Internship
3. Disadvantaged and Tribal Communities Pillar - OWOW Update 2018
4. Community Water Ethnography
5. Volunteer Santa Ana River Cleanup
6. California Landscape Survey

## Homelessness and Water Symposium

- Identifying the homeless as an underrepresented community in our watershed
- Partnership with the Inland Empire Waterkeeper
- Panels on water in Housing First and the Human Right to Water
- About 65 people attended the event June 29 in Riverside
- Speakers: *ACLU SoCal, City of Riverside, Environmental Justice Coalition for Water, OC Poverty Alleviation Coalition, Path of Life Ministries, Santa Ana Regional Water Quality Control Board, SB County Sheriff, Think Dignity, Clean River Alliance*

## Homelessness and Water Symposium



## CSU Community Water Internship

- Partnership with CSU Water Resources and Policy Initiatives
- Ten funded community engagement and education internships at watershed agencies and nonprofits
- Cohort activities and curriculum focused on professional development and water resources management
- Network of community college students, in-class presentations



## Disadvantaged & Tribal Communities Pillar

- One Water One Watershed Plan Update 2018
- Largest OWOW work group
- Tribal communities engagement

## Community Water Ethnography

- Research for a watershed-wide strengths and needs assessment
- Collaboration with UC Irvine and UC Riverside anthropology
- “Communities of shared resources and shared challenges”

## River Cleanup & Education Event

- Partnership with Inland Empire Waterkeeper
- Volunteer engagement with students from local community colleges
- Twin Creek, San Bernardino



## California Landscape Survey

- SAWPA and other Water Fellows partnered with CaDC to complete a 1,000-home door-to-door landscape conversion survey.
- Recruited 40 volunteers.
- Survey development took place over several months and was developed as a collaboration between Water Fellows and CaDC affiliates.
- Survey results analyzed to create a report for the CaDC and MWD.

Thank you!

Questions?