



*Bringing
Water
Together*

California Water in 2018

WESTCAS Annual Conference

June 20, 2018

Timothy Quinn, ACWA Executive Director

www.acwa.com

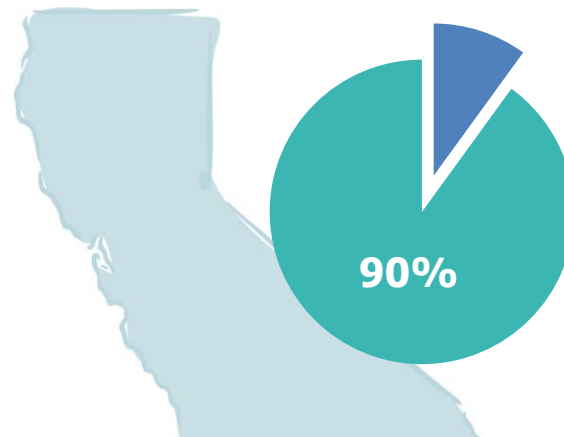
About ACWA

Who We Represent . . .

- ACWA members responsible for 90% of the state's distributed water

Water Sources & Services

- Federal, state and local projects
- Surface and groundwater
- Agricultural, urban, industrial customers
- Wholesale, retail



California Water at Another Tipping Point in 2018



Los Angeles Times

How do we detoxify California's poison tap water? More democracy

THE SACRAMENTO BEE 

No, Californians, you won't be fined \$1,000 if you shower and do laundry the same day



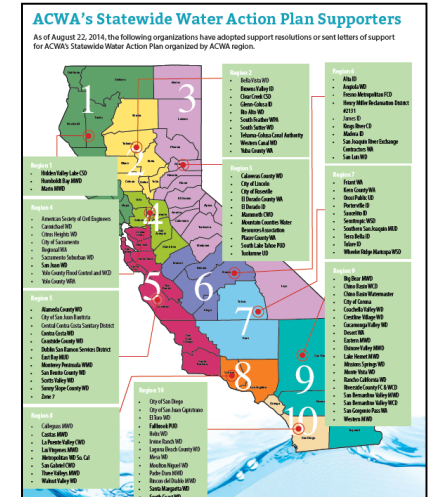
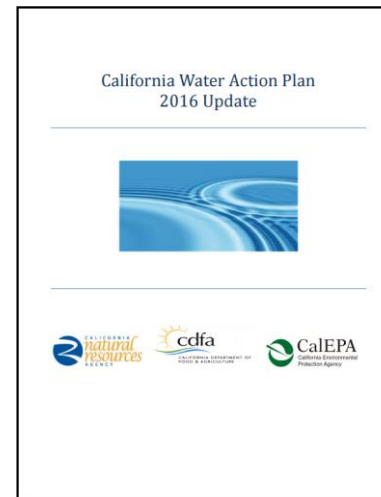
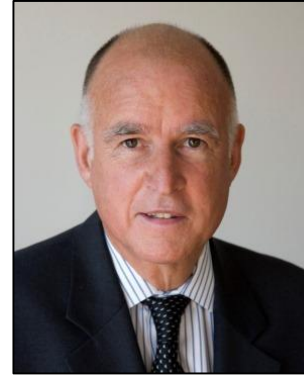
Local leaders protest
plan to tax tap water

TIMES
of SAN DIEGO

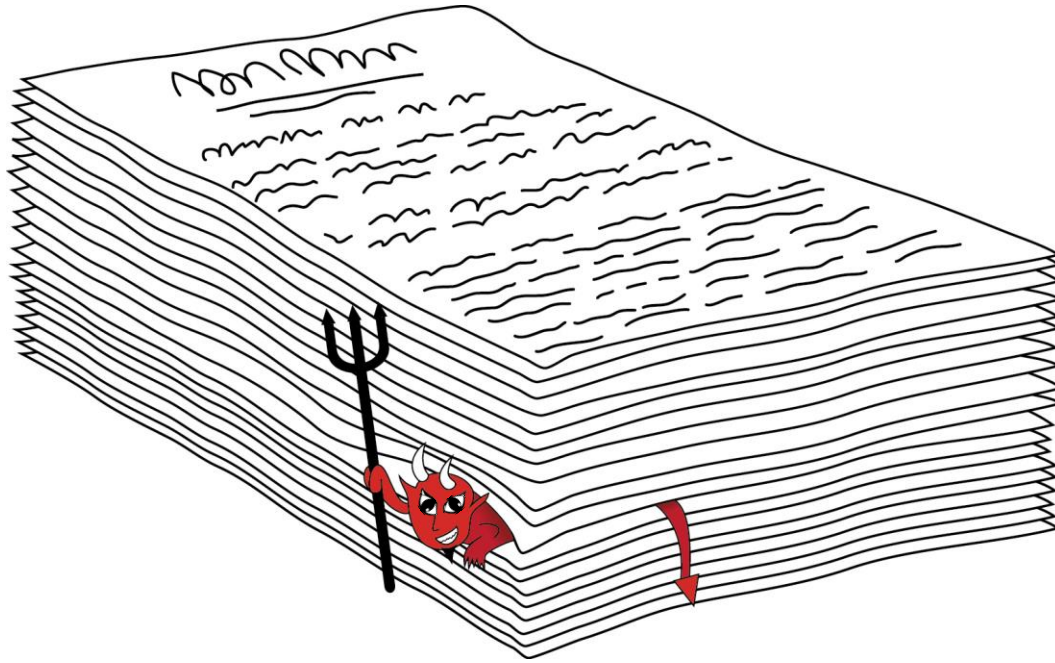
Massive \$17 Billion Delta Water Tunnels Project
Moving Forward

Drivers for Success in 2018

- Committed governor
- Federal partnership (?)
- We have a plan
- Broad support though not universal



California Water at Another Tipping Point in 2018



There is, of course, a lot of devil in the details...

California Faces Tough Decisions in 2018



...but standing still is not an option!

...and We Are Certainly Not Standing Still



WaterFix



Storage



SGMA



**Local
Resources**



**Headwaters/
Forest Mgmt**

California Water Fix

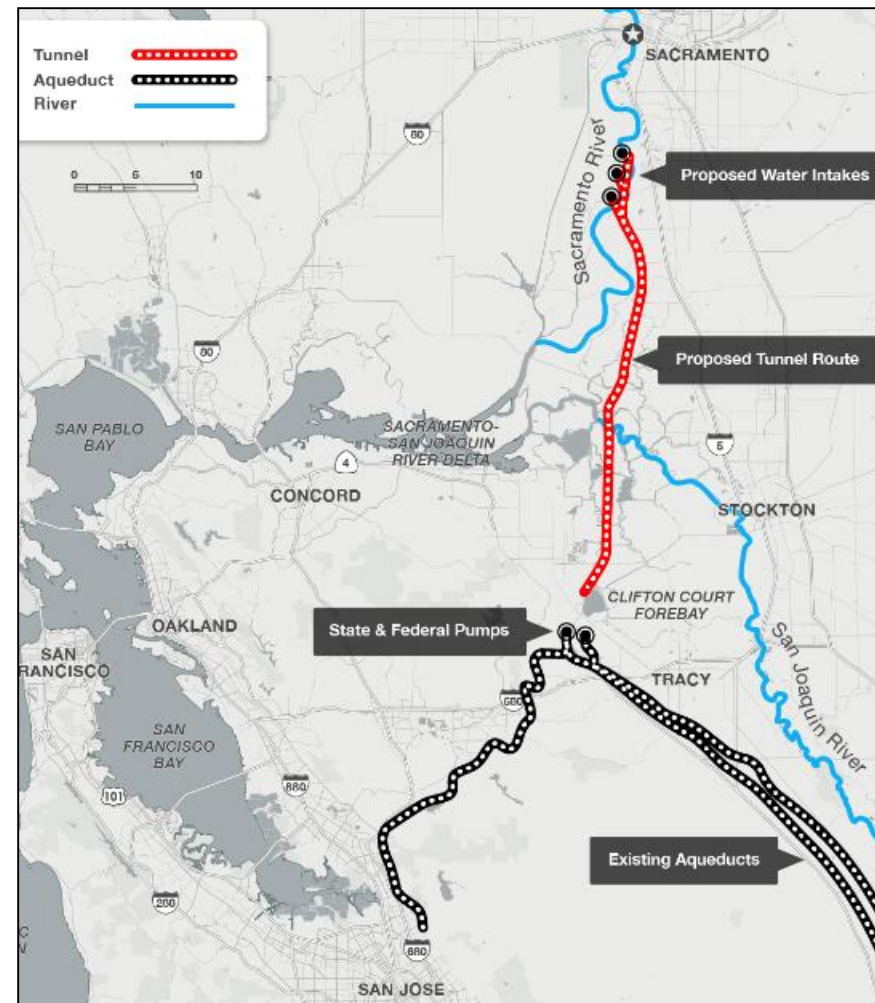
- ACWA supports Delta conveyance solutions as part of a comprehensive policy
- Fish permits in hand
- Financing coming together
- Water rights permits still outstanding



California WaterFix

Alternative 4A Elements

- \$17.1 Billion project
- Three new diversion points in the north Delta
- Two gravity-fed tunnels to send water to Tracy pumping plants
- Habitat improvements under EcoRestore plan



Are We Ready for the Final Spike?



Investing in 21st Century Water Storage

- ACWA has been a long-time supporter of more storage – above- and below-ground
- Prop. 1 passed by 2:1 margin
- CA Water Commission to allocate \$2.7B in Prop. 1 funds this year:
 - 8 projects moving forward
 - Preliminary funding decisions in July
 - New projects would add 4.3 MAF



CWC– Allocation of Prop. 1 Storage Funds

Project	Type of Project	Total Cost*	Funding Request*	Eligible Amount*	Public Benefit Value*	Final PBR
Chino Basin Conjunctive Use	Conjunctive Use	\$480	\$206	\$207	\$368	1.78
Kern Fan Groundwater Storage	Groundwater Storage	\$171	\$86	\$86	\$90	1.05
Los Vaqueros Expansion Project	Surface Storage	\$795	\$459	\$459	\$833	1.81
Pacheco Reservoir Expansion Project	Surface Storage	\$969	\$485	\$485	\$981	2.02
Sites Project	Surface Storage	\$5,176	\$917	\$1,008	\$1,008	1.10
South Sacramento County Conjunctive Use	Conjunctive Use	\$373	\$280	\$280	\$294	1.05
Temperance Flat Reservoir Project	Surface Storage	\$2,661	\$171	\$171	\$501	2.92
Willow Springs Conjunctive Use	Conjunctive Use	\$343	\$123	\$123	\$123	1.00
Total		\$10,968	\$2,727	\$2,819	\$4,198	

Investing in 21st Century Water Storage



Implementing SGMA



Implementing SGMA

- GSA creation virtually complete on schedule
- Replenishment water will be key
- Successful GSPs:
 - ✓ Innovative local action
 - ✓ Match demand with sustainable supply
 - ✓ Integrate into statewide investments



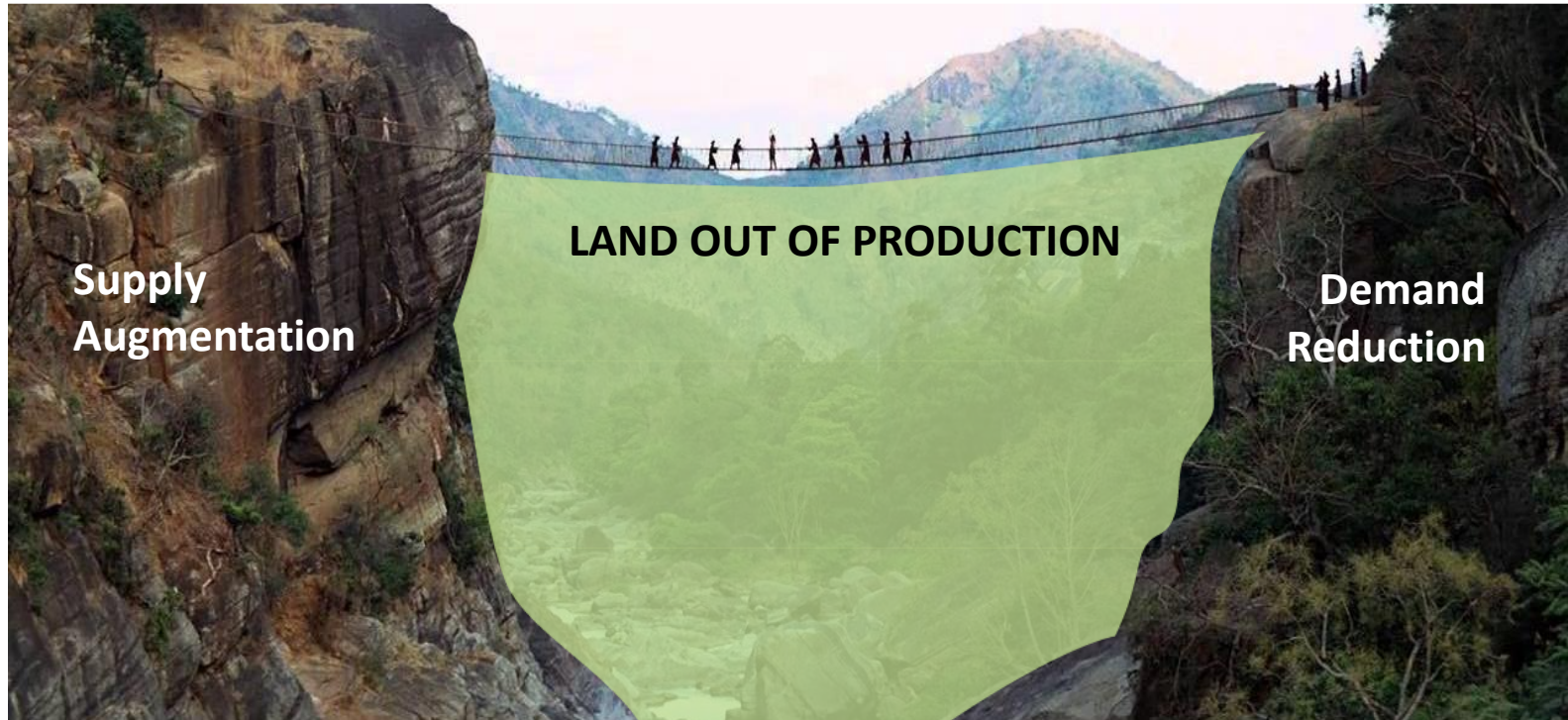
We Are Making Progress

PPIC Report (2017)

- Survey of 81 SJV water agencies
- 75% have active recharge programs
- Wide range of replenishment tools
- 2017 recharge = 4.6 MAF
- Much of that in Kern County

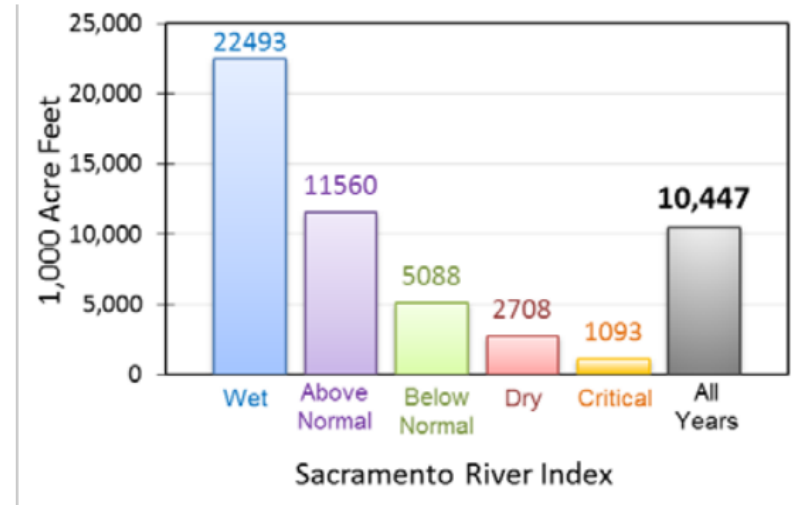


The Challenge is Daunting



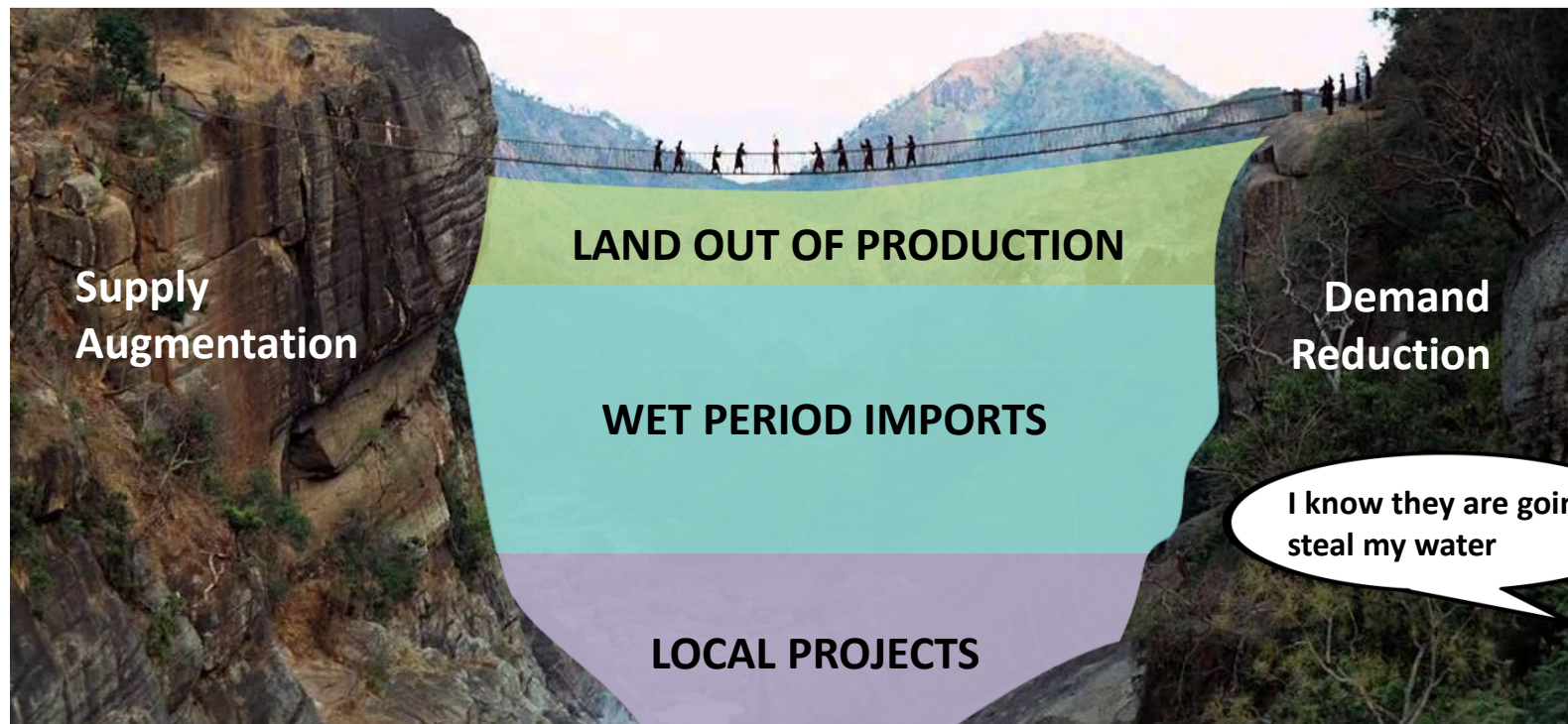
Getting Access to Replenishment Water

- PPIC shows local efforts produce results
- But, let's face it – one of the best places to catch the bounty of atmospheric rivers is in the Delta



Annual Average Delta Surplus by Water Year Type
ACWA Water Storage Integration Study

The ACWA Initiative



The ACWA Initiative

- Spotlight on replenishment water
- Respect water rights
- Strategies will vary by region
- Final report in time to inform GSPs
- No one else will do this for us



Local Resource Investments

- Huge success story, \$20B and counting
- Per capita water use down dramatically
- Ag water productivity up dramatically
- We need to keep it up

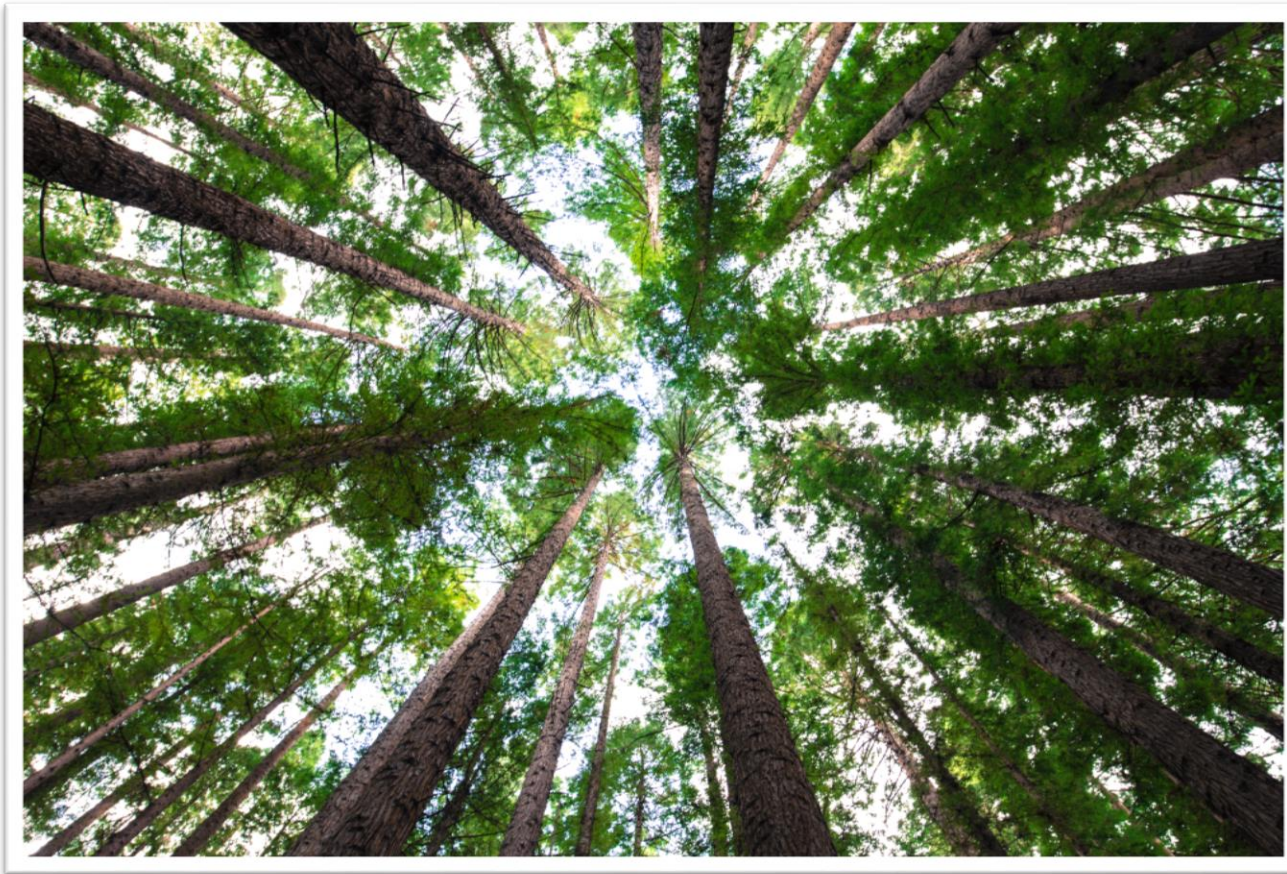


“Conservation as a Way of Life”

- Passage of legislation in 2018
 - ☑ “Conservation as a Way of Life”
- Bills are controversial
- Final product improves on 2009 legislation, drought response of 2015
- New Legislation: Aggregate water budgets developed by local agencies based on efficient water use and local conditions



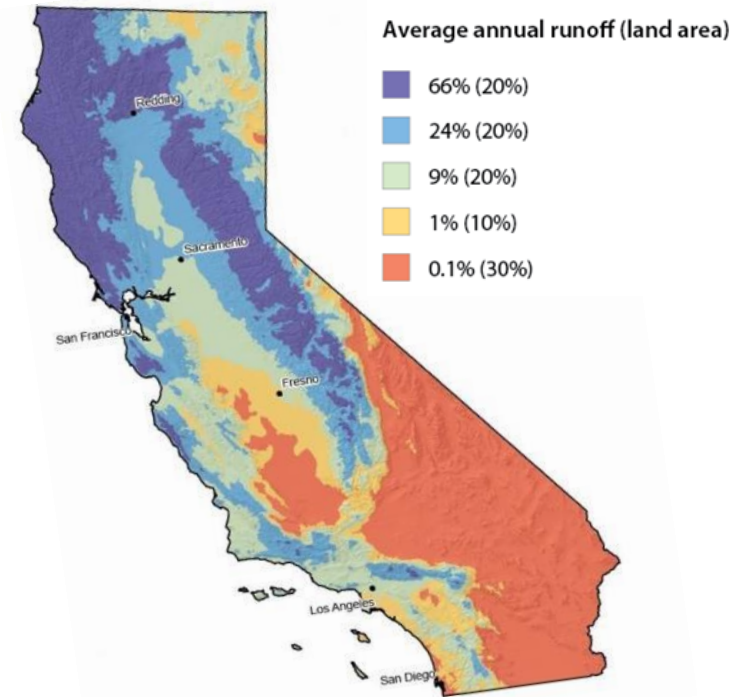
Managing California's Forests



California's Headwaters

A High Priority for ACWA

- About 60% of the state's developed water supply originates in the Sierra Nevada
- Healthy headwaters are vital to water supply reliability
- Improving conditions upstream will have benefits downstream



ACWA's Headwaters Framework

Board Adopted Policy Principles in 2013

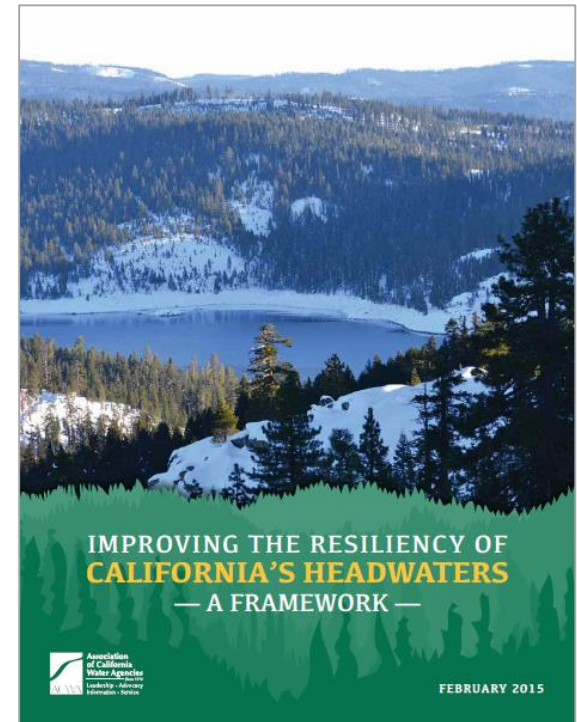
*...To enhance the
resiliency, adaptability
and sustainability of
headwaters through
collaboration and
proactive management
strategies...*



ACWA's Headwaters Framework

Recommendations in 2015

- This is an ***urgent*** issue
- We need to be proactive not reactive
- We need to increase restoration efforts now (pace and scale)



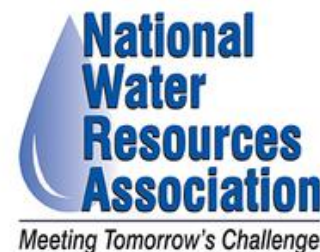
Better Policy Through Coalition Building

California Forest Watershed Alliance (CAFWA)

- Assoc. of CA Water Agencies
- CA Farm Bureau Federation
- CA Forestry Assoc.
- The Nature Conservancy
- Rural County Reps. of CA



National Water Resources Assoc.



Federal Forest Management Efforts

- Recently signed omnibus bill:
 - ✓ Ends “Fire borrowing”
 - ✓ Will increase pace and scale of restoration
- ACWA continues to work with CAFWA and other partners in Washington D.C.



Forest Management Efforts in California

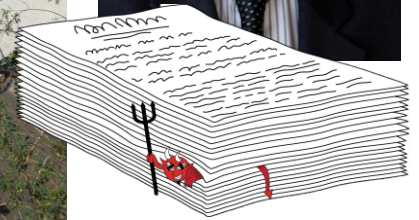
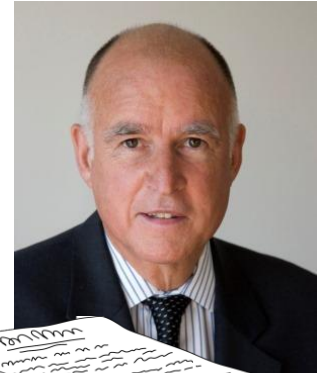
Gov. Brown's Executive Order B-52-18

- Increases forest reforestation to 500,000 acres/year
- Expands grants and funding
- Streamlines project permitting



Overall, This is a Good News Story

- We have a plan and we are implementing it
- We are launching a \$30+B capital improvement program
- And we need to stand together to keep the next Governor on track



Questions?

Feel free to contact me



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