



CWEA-CASA Partnering for Impact in California

Integrated Planning for Advancing
One-Water Strategies in California

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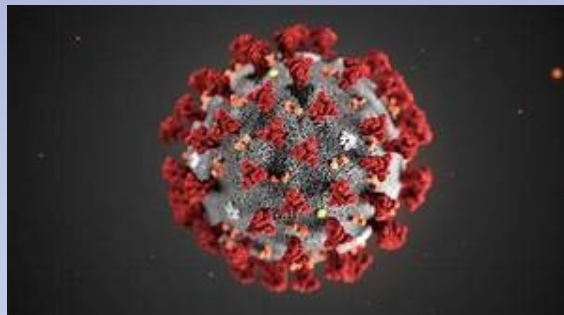
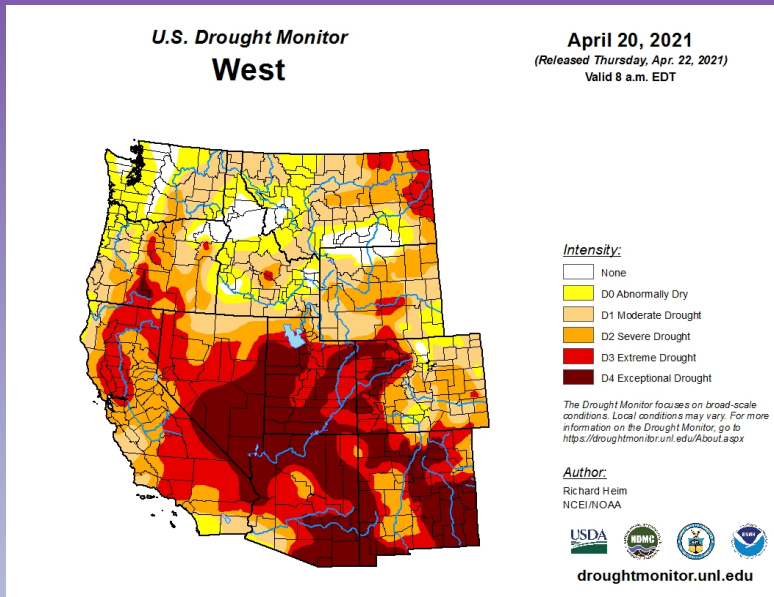
Climate Change manifests first in California's Water.
Challenge and Opportunity are California's Hallmark...

including Climate Change

YOU have always been key to Public Health, Robust Economy and Social Wellbeing.



The Perfect Storm—Again.. but worse this time.





Call to Action

- **Wastewater Managers have always led the way to improved human and environmental health.**
- **You Protect our most critical resources.**
- **You can meet this challenge also.**

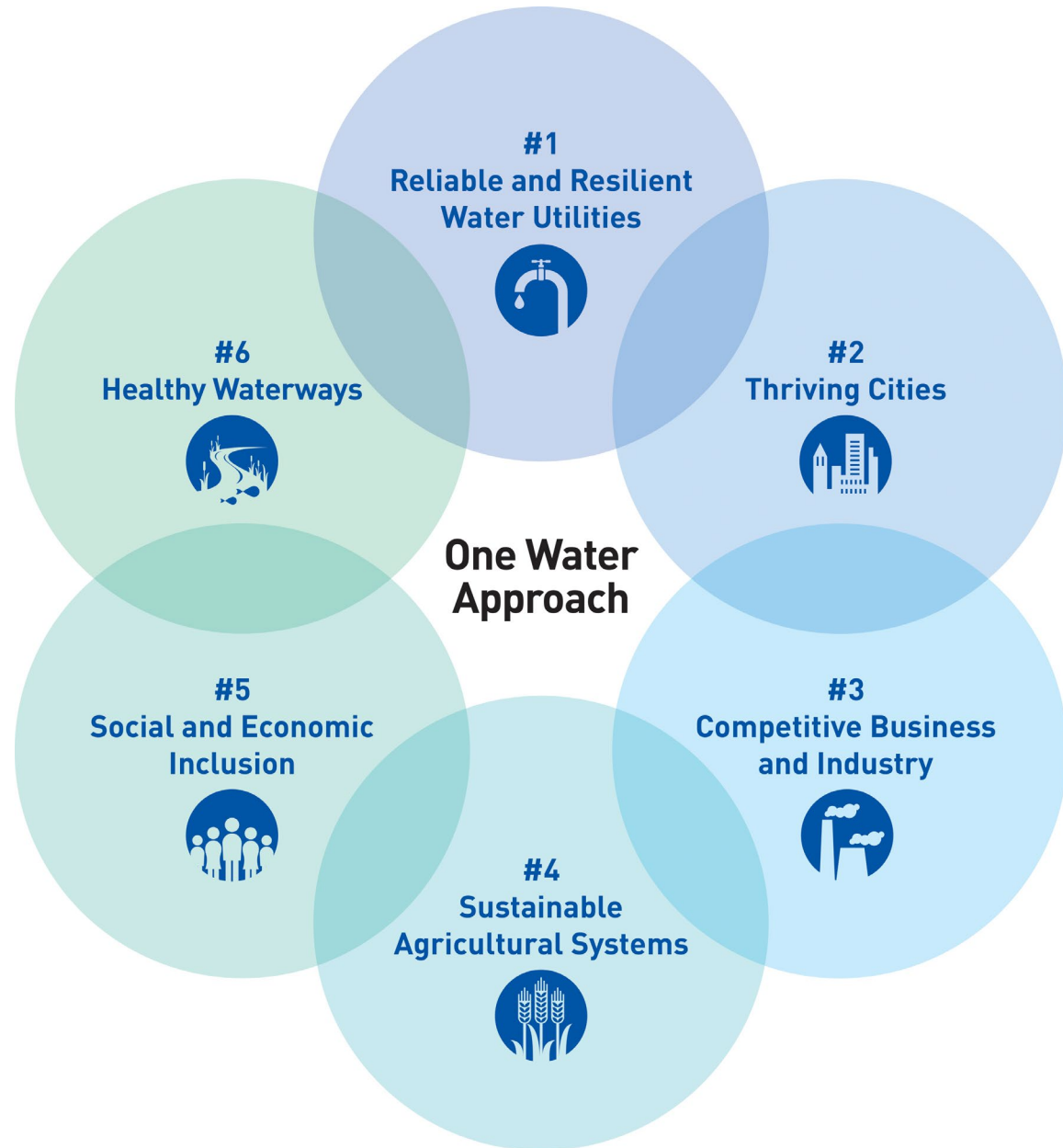


California can have a a resilient sustainable, energy efficient future with thriving rate payers and a robust economy.

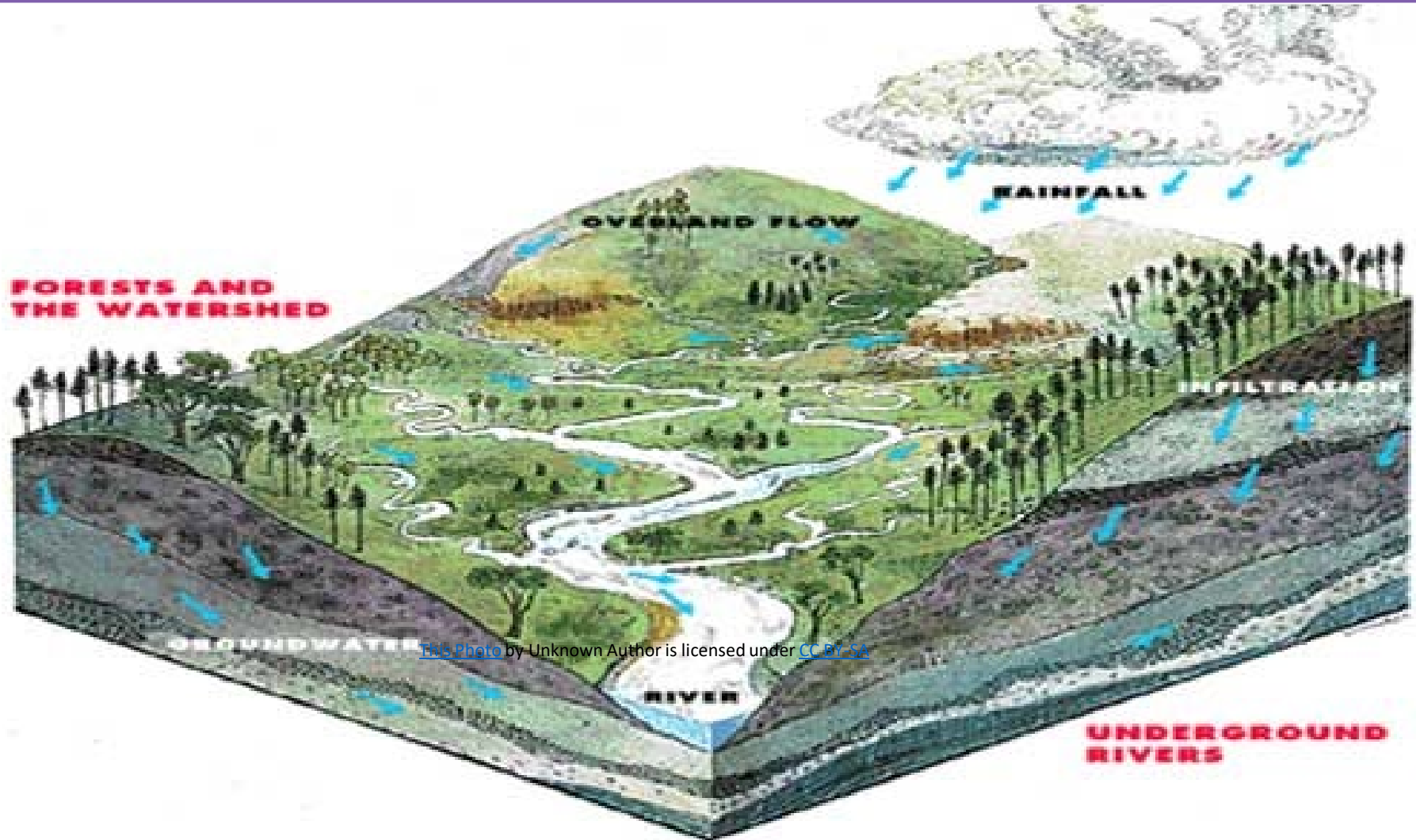
You can turn things around before it is too late.

Reframe your responsibilities to see solutions.

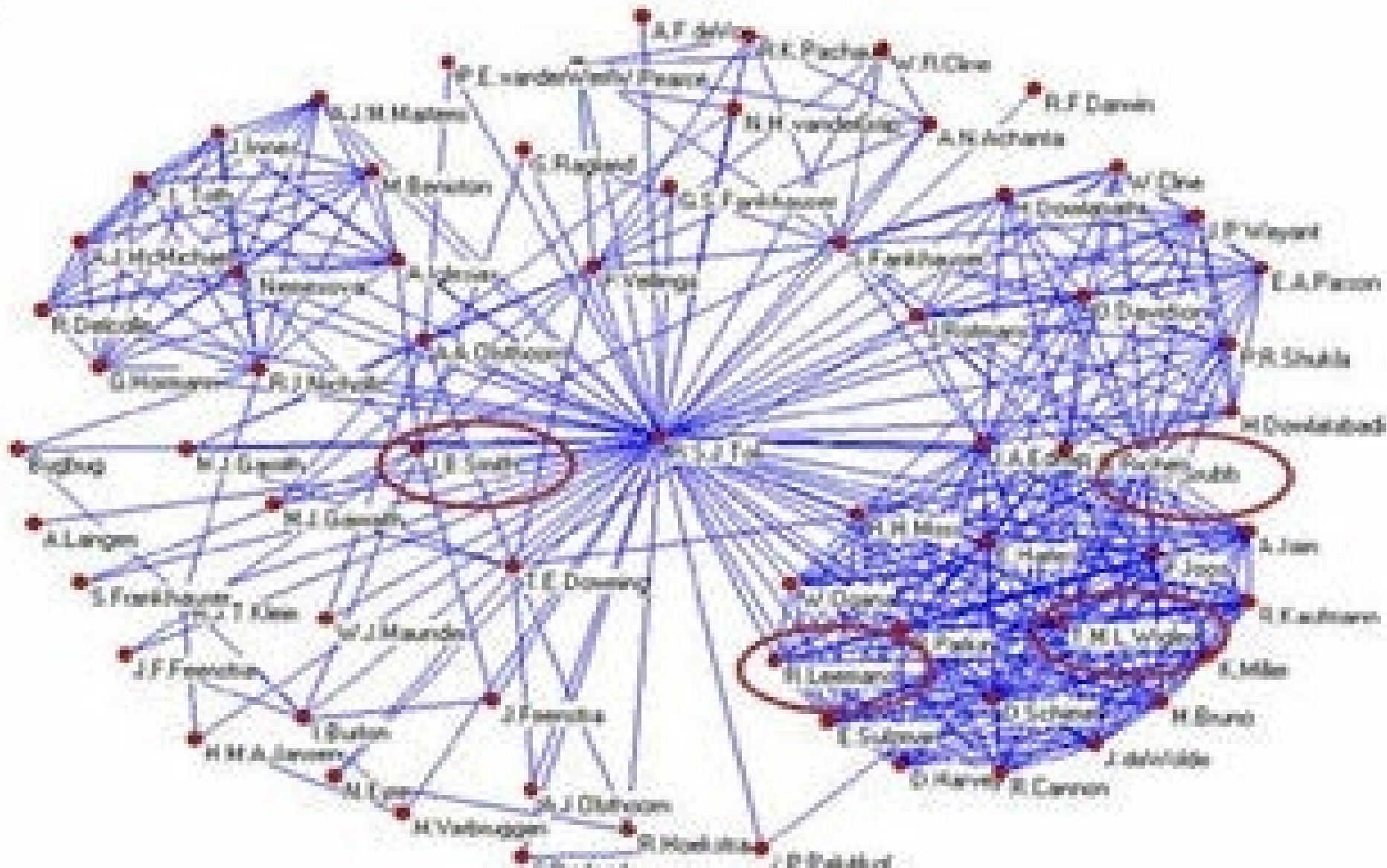
One Water is a transformative approach to how we view, value, and manage water.



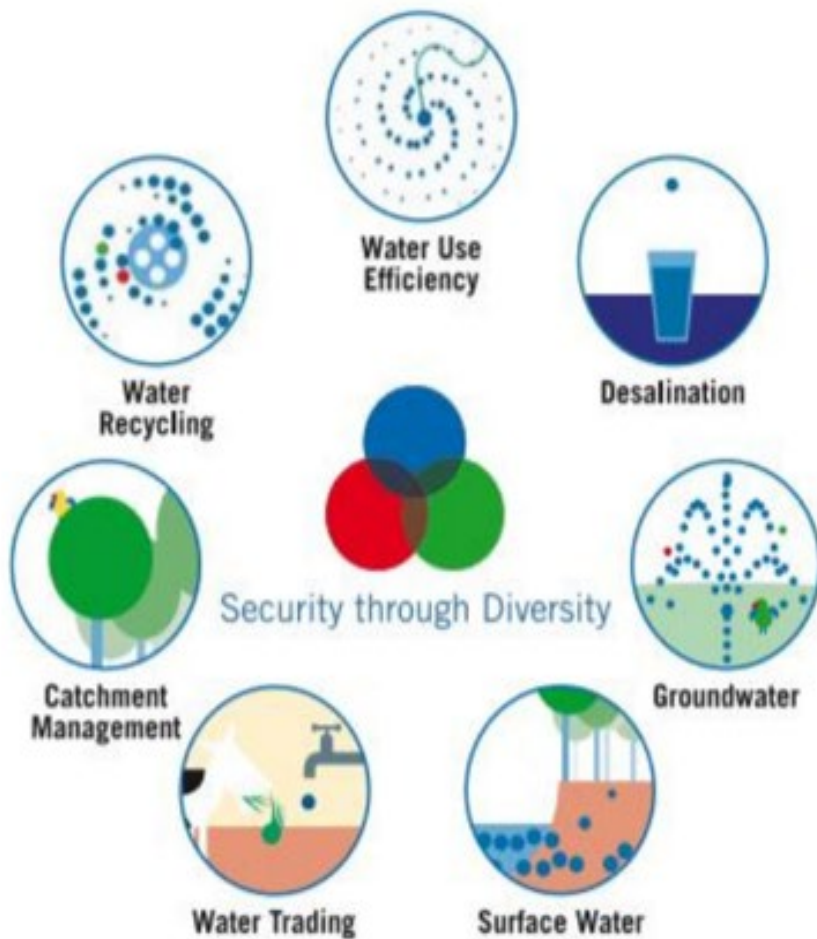
Watershed-scale thinking and action.



A systems approach.



Focus on achieving multiple benefits.





Equitable Solutions for Water Scarcity



Inclusion and engagement is key.

Break out # 1.

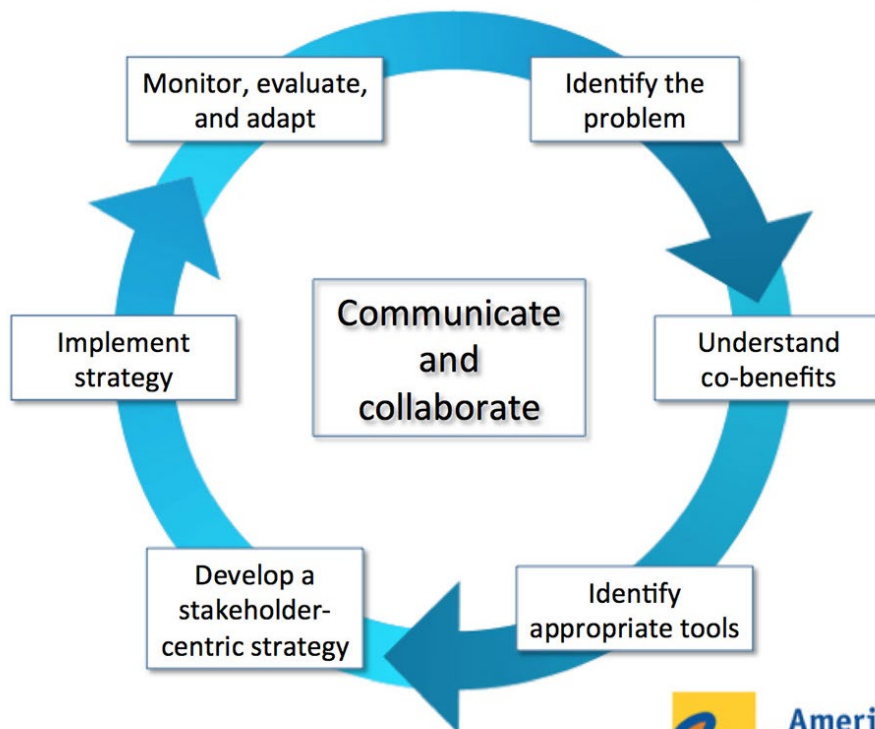
What Questions do you have about One Water?

Discuss with you breakout partner and be prepared to share in the chat or in person when we return in 2 minutes.



How do I implement
One Water?

The Process of Integrated Water Management



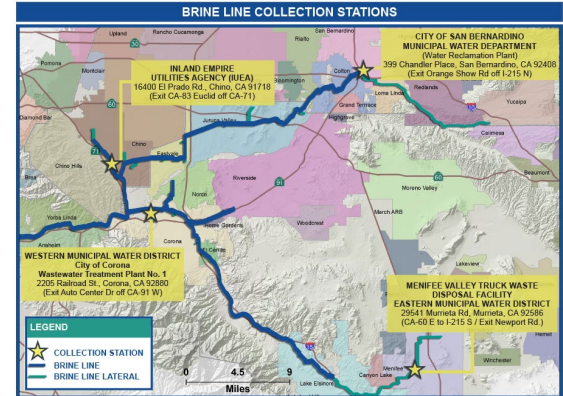
Partnerships for progress.



Graphic credit: Mahro Zaman Oct 24, 2018 Entrepreneurs



INLAND EMPIRE BRINELINE

Santa Ana Watershed
Project Authority

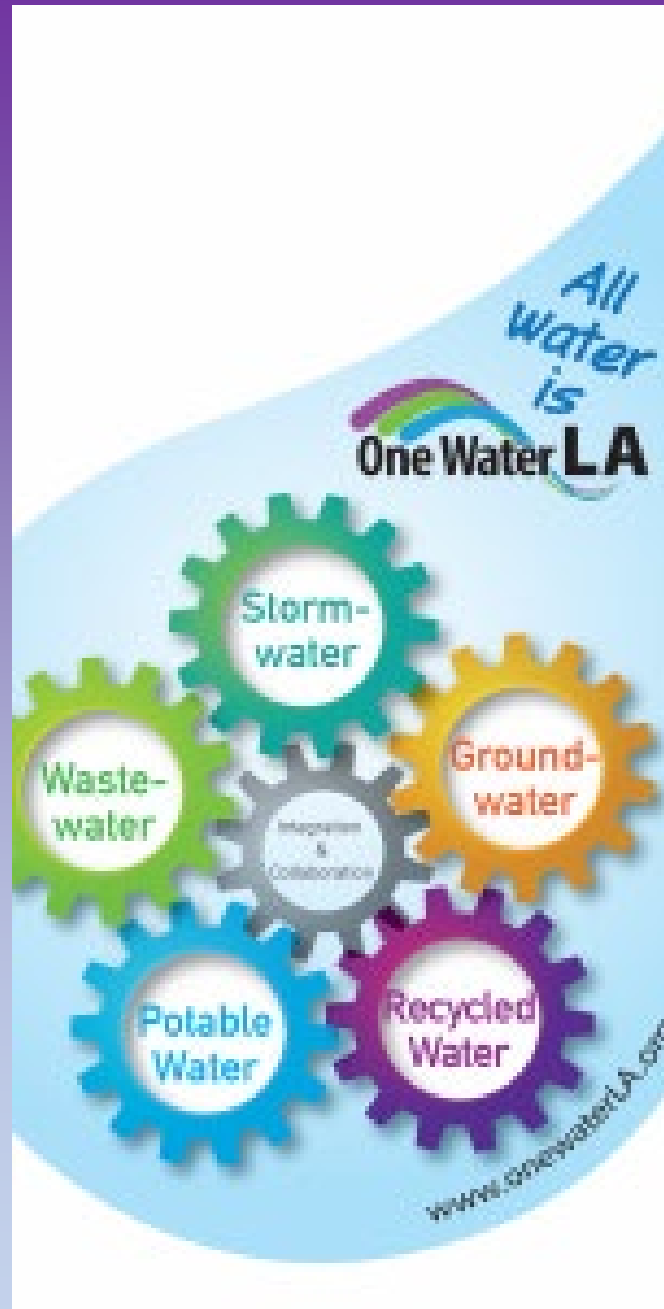
SAWPA

Partners for Pure Water Solutions



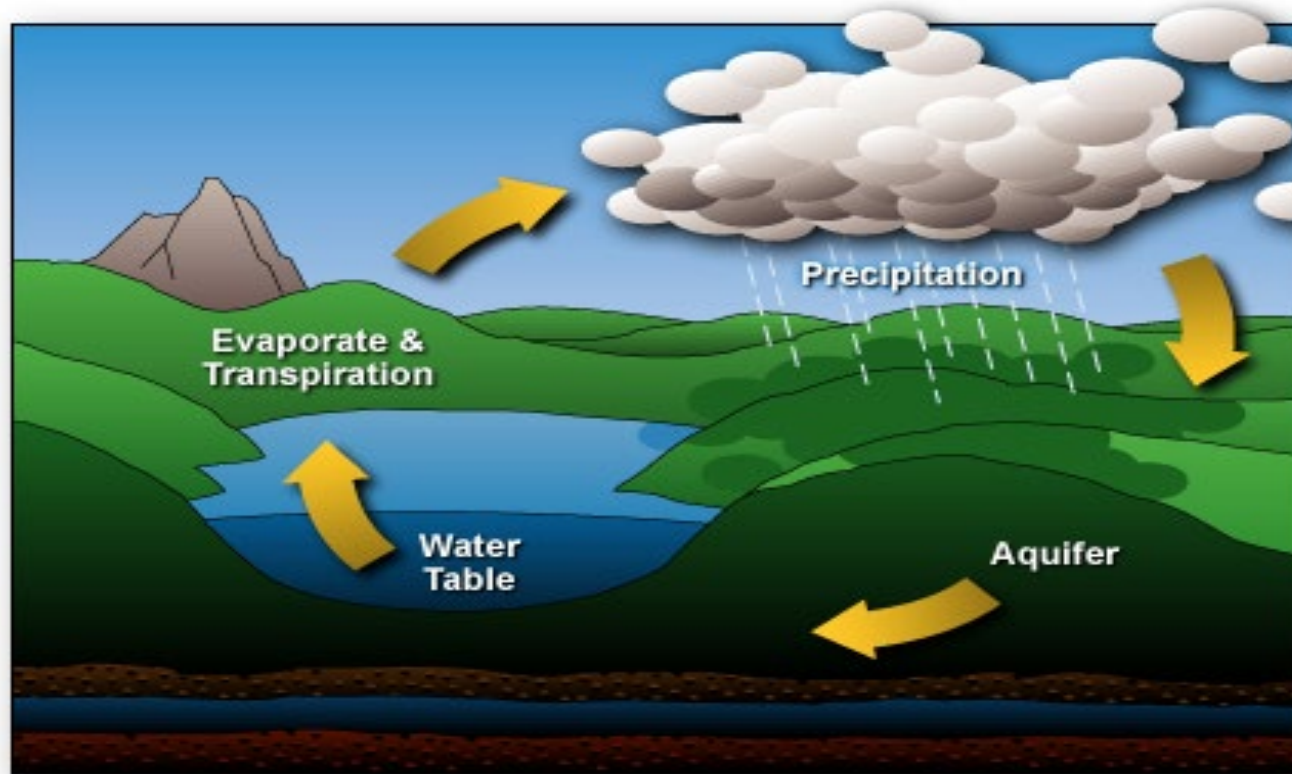
Santa Clara Valley Water District Deploys Water Reuse on a Massive Scale





One Water LA 2040

The Hydrologic Cycle





The water drop is finite but also infinite as it is used repeatedly.





How do we pay for these Innovations?

- 
- Leverage existing financial and infrastructure assets
 - Minimize capital, O & M, and life-cycle cost
 - Pursue innovative, non-traditional revenue-generating concepts



How do you impact
downstream agencies?




How do upstream
agencies affect you?

Break out # 2.

How do your operations impact upstream and downstream users? How are you affected by them?

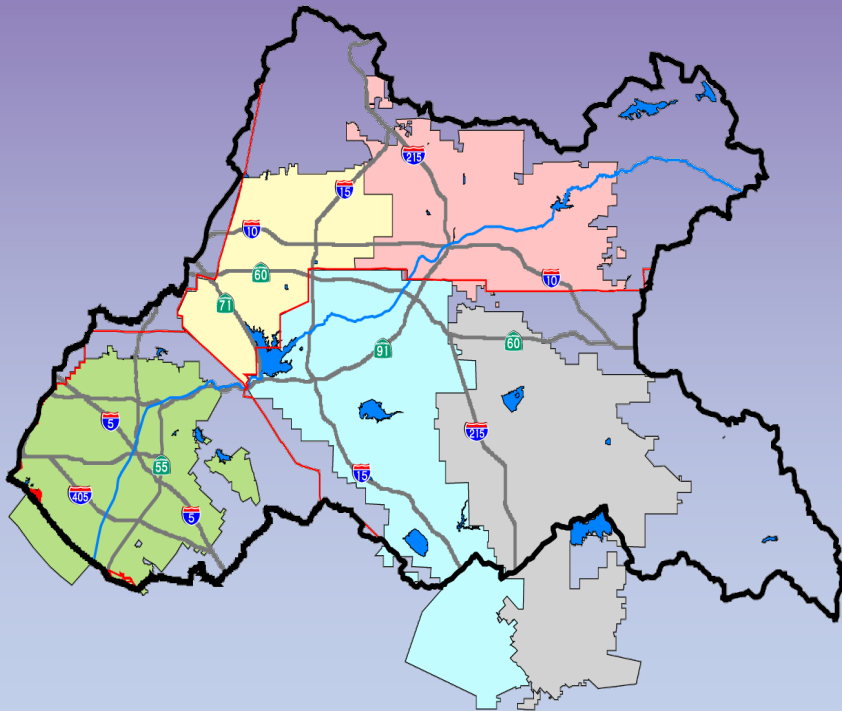
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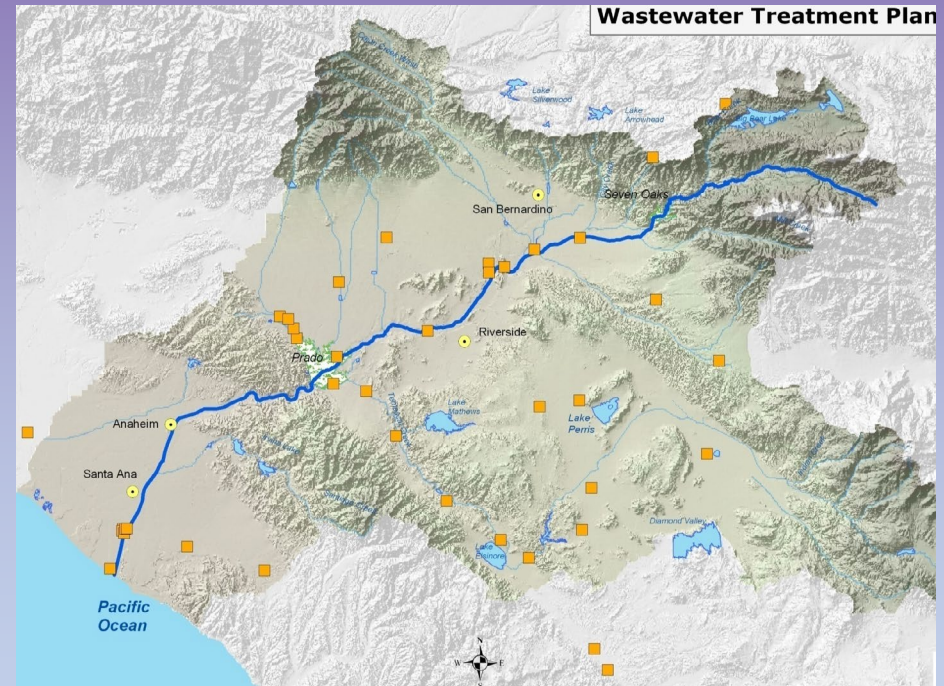
What Obstacles should I
anticipate when I
implement One Water?

Institutional Boundaries vs. Watershed Boundaries.

Institutional Boundaries



Basin Boundaries



Do we have the skill set to partner?



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COLLABORATION IS DANGEROUS

Not knowing the answer	Too much talking, not enough doing
Fear of fighting	More hugs than decisions
Unclear/ uncomfortable roles	Information (over)sharing
More work	It's hard to know who to praise and who to blame

Collaboration
is not about gluing together
existing egos. It's about the
ideas that never existed until
after everyone entered the room.

@Daily.Dose

Break out # 3.

What Obstacles do you anticipate?

Discuss with you breakout partner and be prepared to share in the chat or in person when we return in 2 minutes.

Again, you can protect and improve human and environmental wellbeing.



QUESTIONS?

Special Thanks to:

US Water Alliance One Water Roadmap:
The Sustainable Management of Life's Most Essential Resource

Wyatt Troxel, WTrScience Group

Dr Jay Lund, UC Davis



**US Water
Alliance**



California WaterBlog



Santa Ana Watershed
Project Authority