



Harmony in Hydrology

The Need for Water Managers to Embrace
Nature-Based Solutions



Welcome!

Meg Nicholas-Harper & Joel Metzger

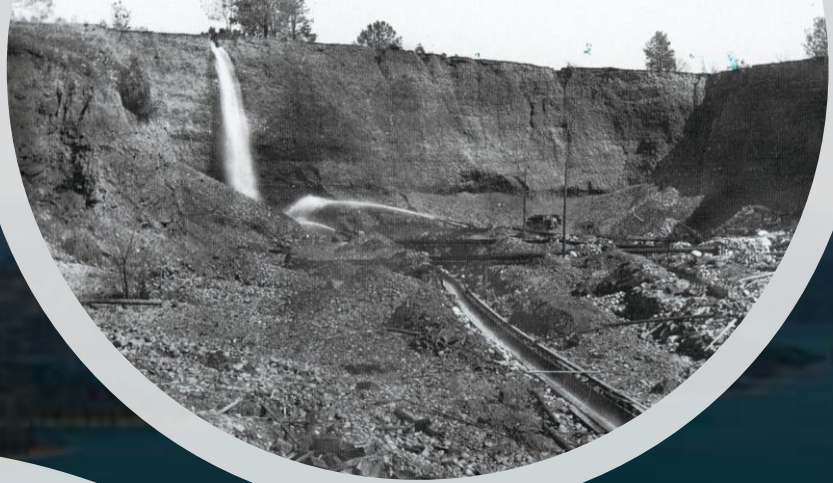




2023 California Water Leaders' Policy Topic:

Leveraging Green Infrastructure to Manage California Water

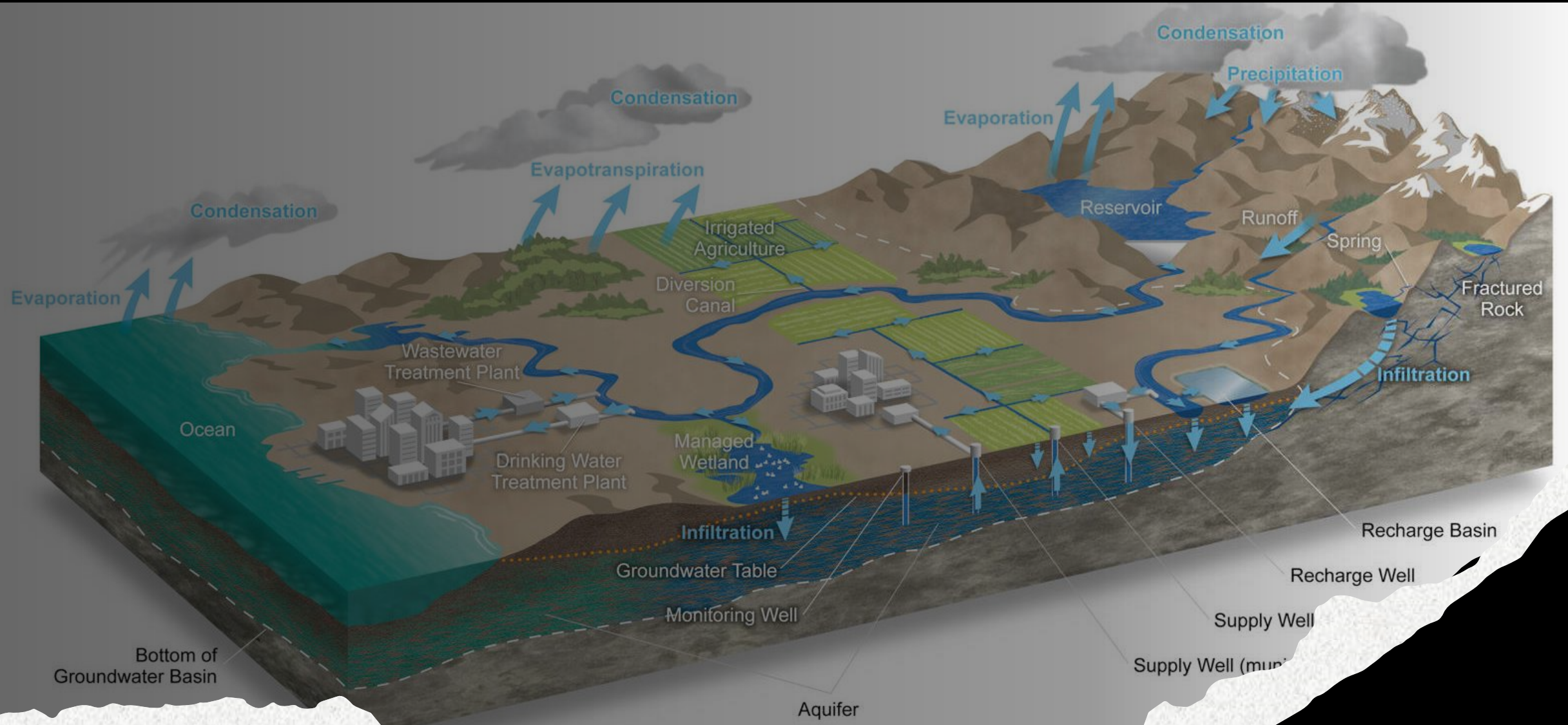
Synonymous with nature-based solutions



Flowing Through Time:

The history of California's water management

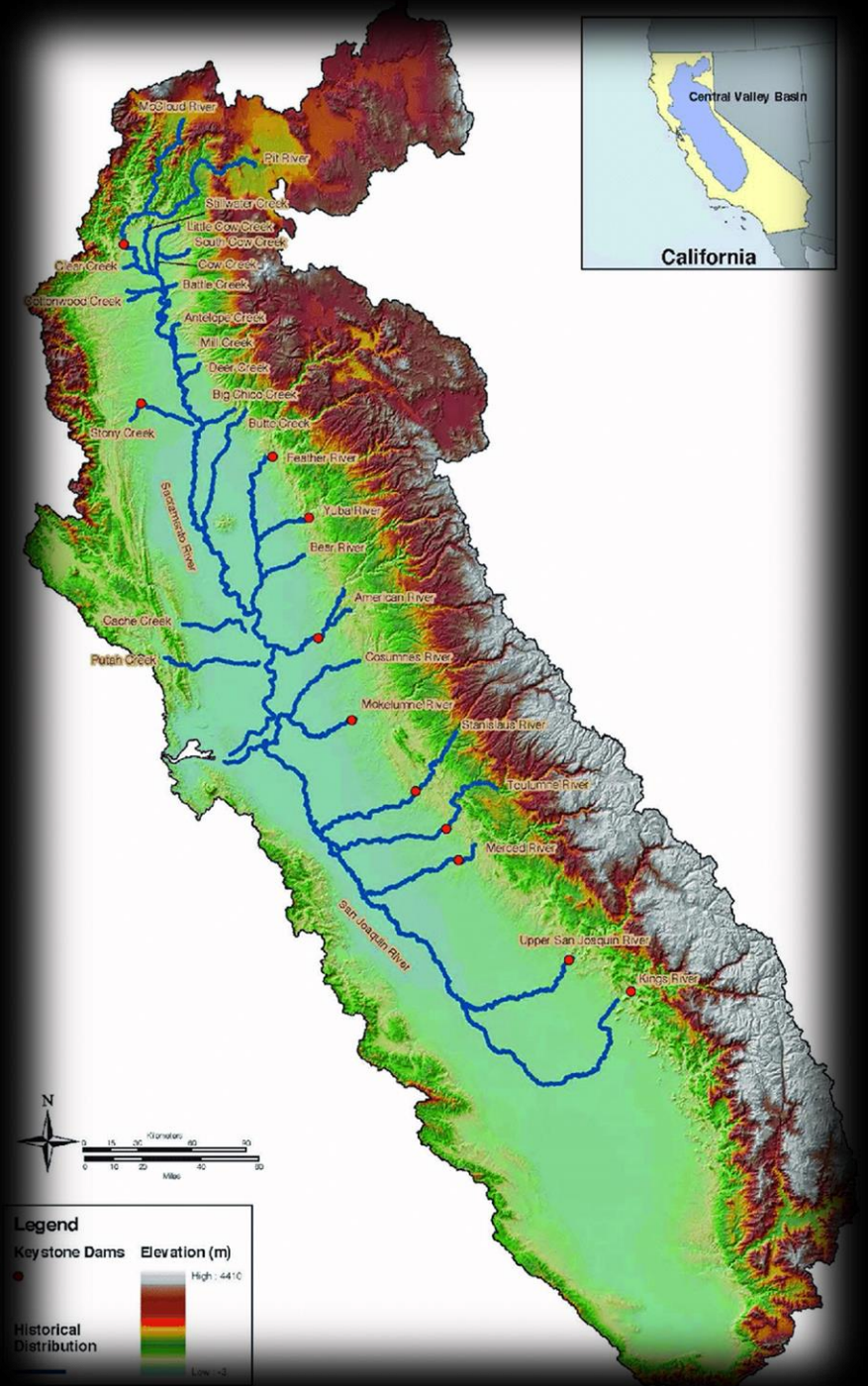




How Water Moves Through California

Headwaters

The source of 75% of California's water



Headwaters

The source of 75% of California's water

Unthinned



Thinned with prescribed fire





Central Valley

Agricultural and Environmental Eden



Delta and Urban Settings

And why they matter for Southern California

Policy Paper Recommendations:

Funding: Improve the accessibility, flexibility and long-term sustainability of funding allocated to NBS water projects.

Regulatory: Improving the regulatory environment for NBS projects will help increase support and establish holistic, multi-beneficial initiatives.

Data: Establish a Statewide NBS Database to promote transparency, accountability and effectiveness.





One-year program identifies up-and-coming leaders from diverse backgrounds and deepens their knowledge on water issues.

The program enhances individual leadership skills and prepares participants for decision-making about water resource issues.

Interest group leaders and top policymakers serve as mentors to class members.

Harmony in Hydrology – Panelists



Sarah Woolf

**President of Water Wise,
Farmer, and Co-Chair of CAP
(Collaborative Action Program for the
San Joaquin Valley)**



Nick Wobbrock

**Co-Founder and COO of Blue
Forest**



Clesi Bennett

**Senior Environmental
Scientist at the California
Natural Resources Agency**



Nature-Based Solutions - UN Definition

“ ... actions to protect, conserve, restore, sustainably use and manage natural or modified terrestrial, freshwater, coastal and marine ecosystems, which address social, economic and environmental challenges effectively and adaptively, while simultaneously providing human well-being, ecosystem services and resilience and biodiversity benefits.” – United Nations