



Delta Conveyance:

COMBATING CLIMATE CHANGE IMPACTS

Climate change is a real threat to California’s water reliability—and our quality of life. Rising temperatures, decreasing snowpack, recurring droughts and heavy precipitation events are straining our primary water delivery system, clearly demonstrating **the need for a proactive solution** that protects our water supplies for generations to come. **The proposed Delta Conveyance project will** modernize and upgrade our aging water infrastructure, constructing one tunnel to move water underneath the fragile Sacramento-San Joaquin Delta ecosystem rather than through it, to **secure a clean, reliable and affordable water supply** for California’s future.

To Do Nothing is a Cost Too Great

With the impacts of climate change already being felt, swift, science-driven action is necessary to update California’s water infrastructure and protect future water supplies. Maintaining the status quo would be foolish and short-sighted.

57% of Californians say global warming poses a very serious threat to California’s economy and quality of life.***

Rising Temperatures, a Rapidly Declining Snowpack and Increasing Drought Conditions Will Further Strain Available Water Supplies

79% reduction in California snowpack in the next 60-80 years.*

50% reduction in future Delta exports (above historical drought conditions) due to drought.**

54% reduction in California snowpack in the next 20-40 years.*

+2.5°F projected increase in California’s average annual temperature by 2069.**

The Delta Conveyance project will make our water delivery system more flexible and efficient so California can capture more water during wet years and store it for use during dry years.

More than 30 percent of our water comes from Sierra Nevada snowmelt. The infrastructure upgrades will protect nearly 1 million acre-feet of water annually, enough to supply 27 million Californians and thousands of businesses.

A Project Backed by Sound Science



The Delta Conveyance project and its forerunner California WaterFix are among the most exhaustively examined infrastructure projects in state history.

11 years of technical, environmental and academic review.
Tens Of Thousands of pages of analysis on the project.
600+ public meetings, workshops and stakeholder briefings.
31,000+ public comment letters.
One Million+ staff hours dedicated to advancing the project.

A new environmental review and planning process begun in January 2020 will build on this previously completed work.

*Lawrence Berkeley National Lab Report, Dec. 2018; **California’s Fourth Climate Change Assessment, Aug. 2018; ***PPIC Statewide Survey: Californians and the Environment, July 2018; ****PPIC poll, Mar. 2018; *****US Geological Survey, California Earthquake Rupture Forecast, July 2017



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Sea Level Rise Will Stress Fragile Dirt Levees in the Delta, Putting Two-Thirds of California's Water Supply at Risk of Contamination

54" total sea-level rise expected by 2100 if emissions continue at current rate.**

62% probability of magnitude 6.7+ earthquake in the San Francisco Bay Area by 2030.*****

1,000+ miles of levees vulnerable to collapse from earthquakes, rising sea-levels and potentially increasingly severe storms.**

Delta Conveyance will secure our primary source of water from sea level rise impacts, earthquakes and levee failure by moving water supplies through a tunnel located 150 feet below ground.

Without Action, the Delta's Fragile Environment Will Worsen from Climate Change

82% probability of native fish populations becoming extinct by 2100.**

5°-10°F Increase in Sacramento River water temperatures at Rio Vista by 2100.¹

12% Decrease in Pelagic Species Habitats projected by 2100.²

The Delta Conveyance project will make our water delivery system safer and more reliable while simultaneously restoring the Delta environment.

- Building new intakes in the north Delta—away from endangered species—will return more natural river flows in the south Delta, minimizing predation and mortality rates of native fish populations.
- Restoring and protecting up to 15,600 acres of critical Delta habitat.

Powerful Coalition, Strong Public Support for Delta Conveyance

Californians have the right to expect a reliable and cost-effective water supply for generations to come—and are backing the Delta Conveyance project to ensure a bright future for their children and grandchildren.

OUR COALITION



Labor



Business



Water



Public Agencies



Nonprofits



Agriculture



of Californians said that an earlier version of this project, called California WaterFix, is important for the future quality of life and economic vitality of the state.****



Aug. 2018; ****PPIC Statewide Survey: Californians and the Environment, July 2018; **** PPIC poll, Mar. 2018; *****US Geological Survey, California Earthquake Rupture Forecast, July 2017; ¹(Delta Stewardship Council, Climate Change and the Delta: A Synthesis, March 2018); ²(Bureau of Reclamation, West-Wide Climate Risk Assessment, Sacramento and San Joaquin Basins Climate Impact Assessment, Sept 2014)