

Delta Conveyance Project

Modernizing California's Water Infrastructure | 2024



EARTHQUAKE RISK

by the Numbers

The **Pacific Ocean's plate moves 50 mm per year** making California overdue for a major earthquake event

72% chance of a 6.7 or greater magnitude earthquake occurring in the Bay Area **by 2043**

Over 1,100 miles of Delta levees, many of which are not in a condition to withstand significant shaking

Several Delta islands are already subsided with many sitting **nearly 25 feet below sea level**

An earthquake could cause a possible outage in water supply delivery lasting anywhere from **several months to several years**

Likely economic impact of a major earthquake in the various regions of California is **\$9.6 billion a year**, on average, a **157% increase from the 2017 estimate**

