

Questions Provided to the California Department of Water Resources to Inform Presentation

July 12, 2022

On July 14, 2022, the California Department of Water Resources will present on the models used to assess environmental impacts of the Delta Conveyance Project. This will include how climate change and uncertainty are being represented in the models. This presentation is intended to help inform the Delta ISB's future review of the Environmental Impact Report, [as indicated in the Delta ISB's April 17, 2020, comment letter on the Notice of Preparation for Delta Conveyance Project](#). Below are questions provided to the California Department of Water Resources to help inform their presentation.

1. How are you estimating the amount of water that is likely to be diverted into the new tunnel under climate change?
 - i. Does it involve estimating the frequency and magnitude of large storms? If so, how were these estimates made? If not, please provide specifics on methods and relevant assumptions.
 - ii. How is remaining in-stream flow estimated either per storm or as an aggregate over time?
2. What are the temporal and spatial resolutions of water quality projections, particularly temperature and salinity changes?
3. How do you anticipate salinity management will affect tunnel diversions given the need to release more fresh water to prevent saltwater advance?
4. Will operations be driven by science and data decision triggers?
5. What will be the process for modifying tunnel operations over time as events develop?
6. How can and will the tunnel be used for avoiding fish impacts, or even improving conditions for native fishes, relative to today?