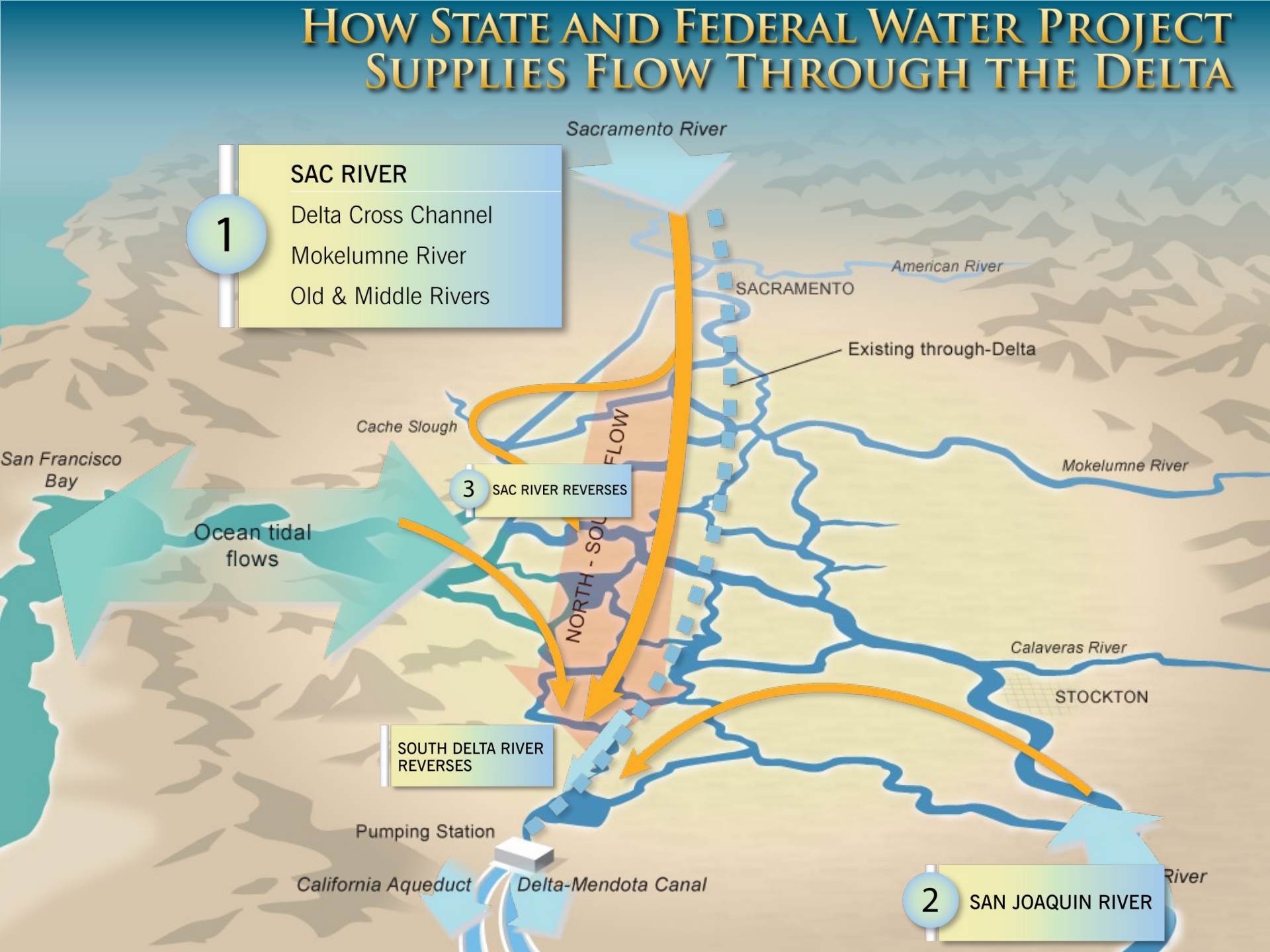
Tunnel Benefits

- Water quality improvement
- Restore natural flow direction for fish migration
- Secure water supply against quake, flood and sea level rise
- Reduce diversions in south Delta “fish trap zone”

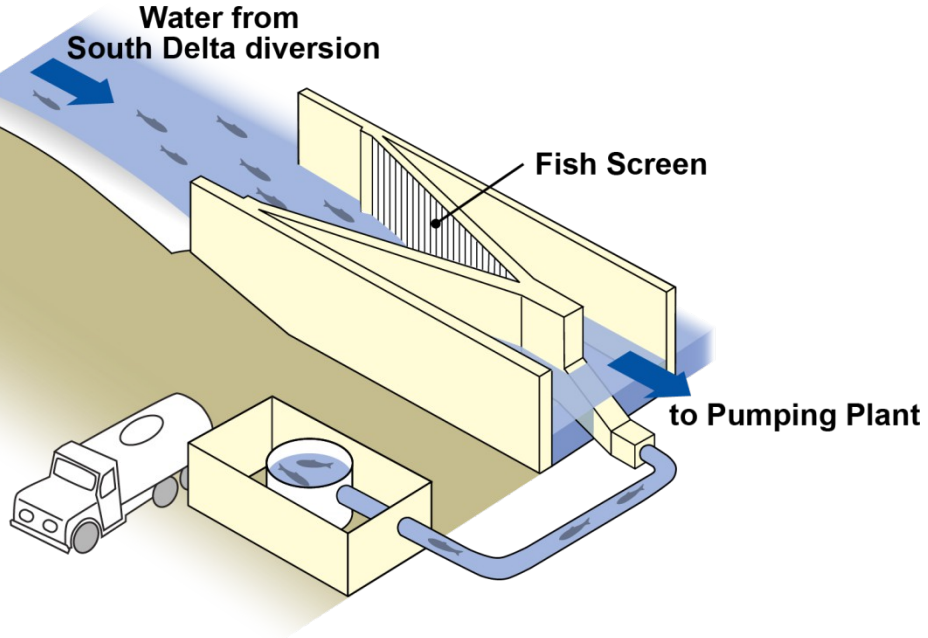
Northern
Contra Costa
100%
Eastern Alameda County
80%
Santa Clara
40%
Friant 50%
San Luis-Westlands
75%
Kern
22%
MWD
30%

How State and Federal Water Project Supplies Flow Through the Delta

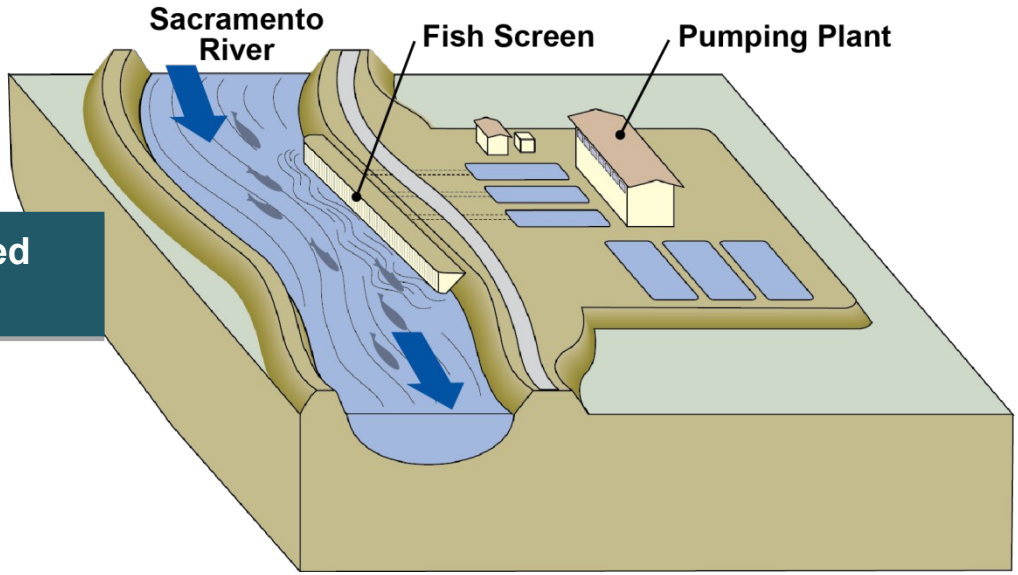


Restoring Natural Flow Patterns Under the BDCP

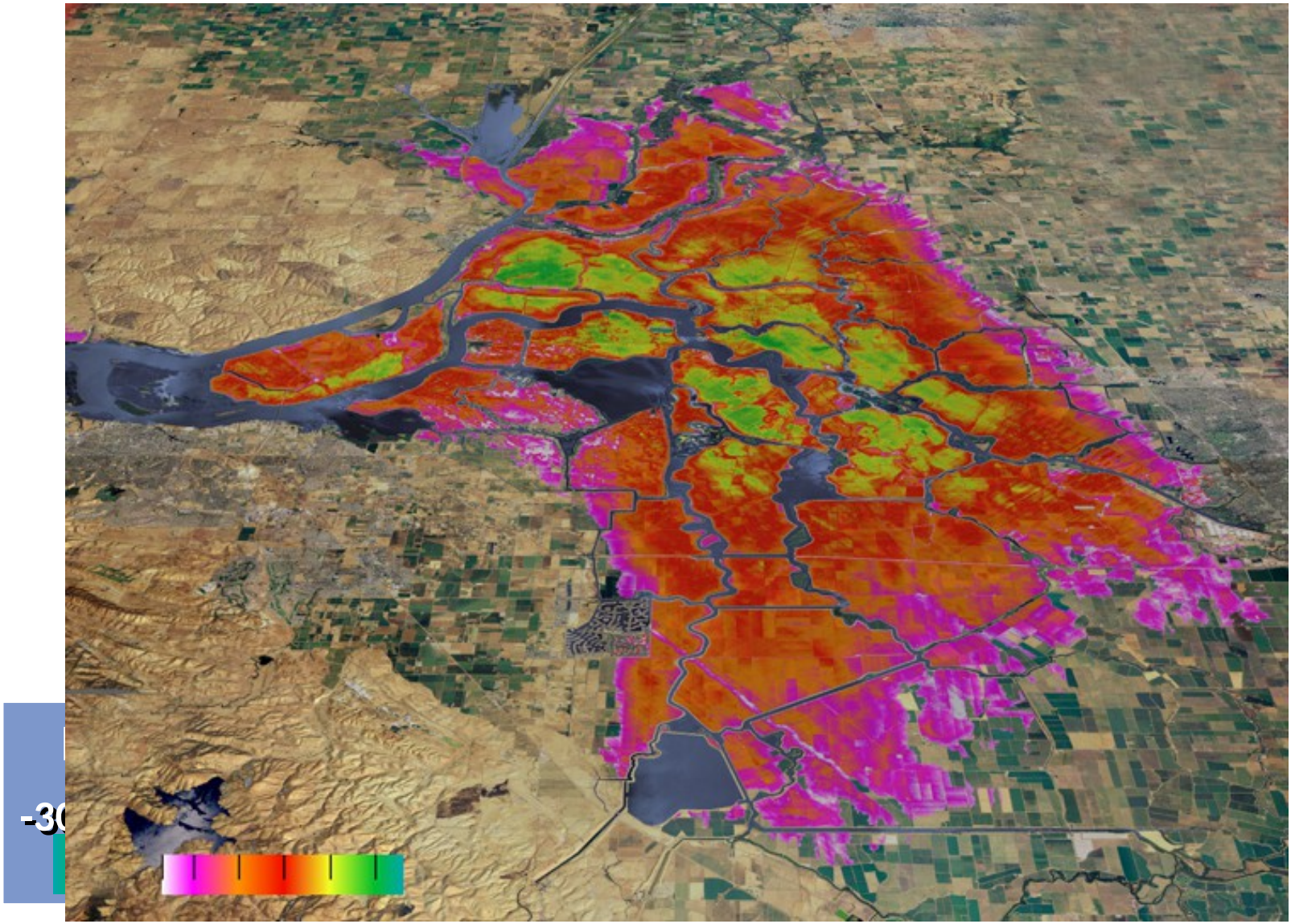
Current fish screen operations at State Water Project intake

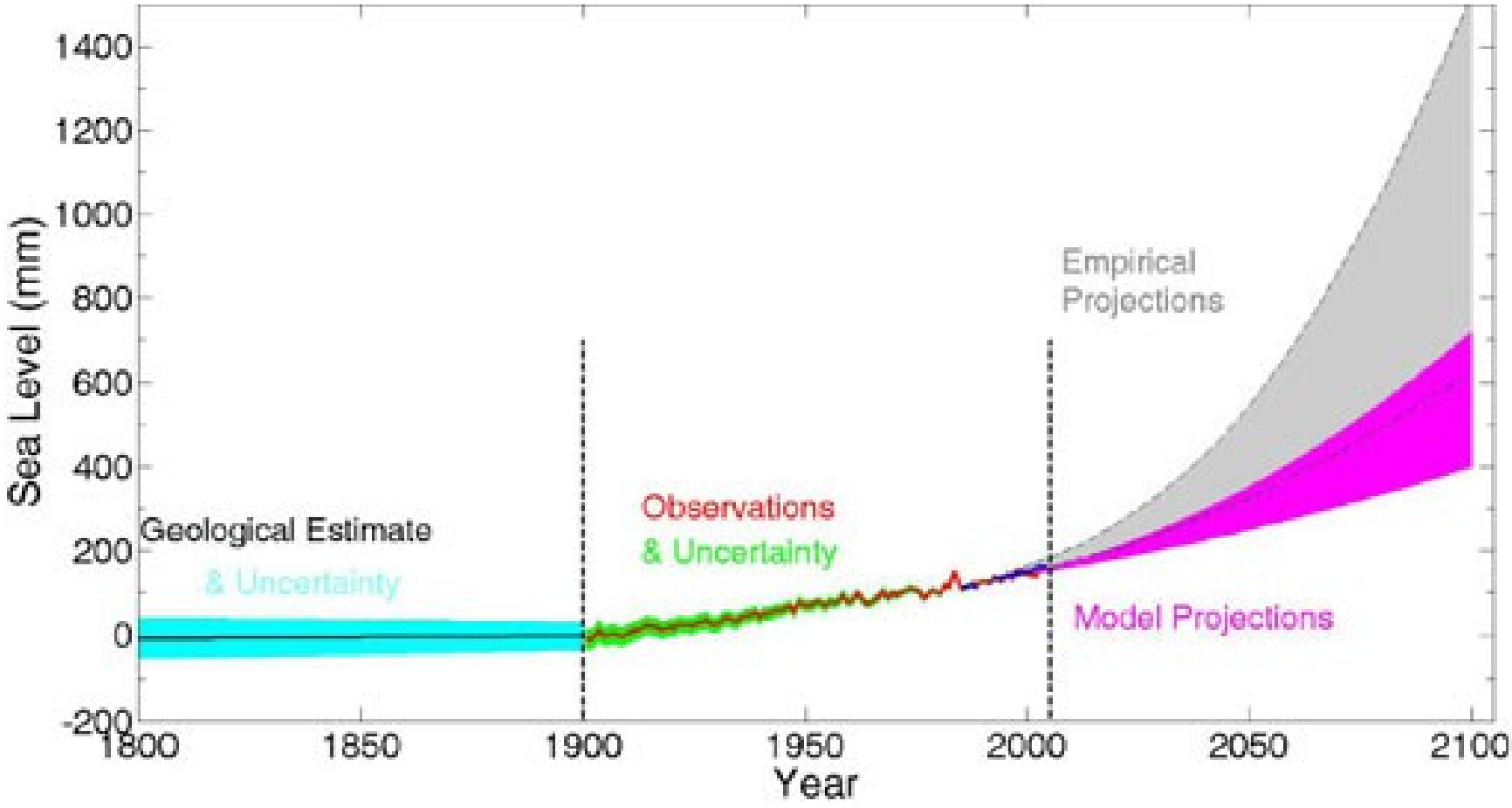


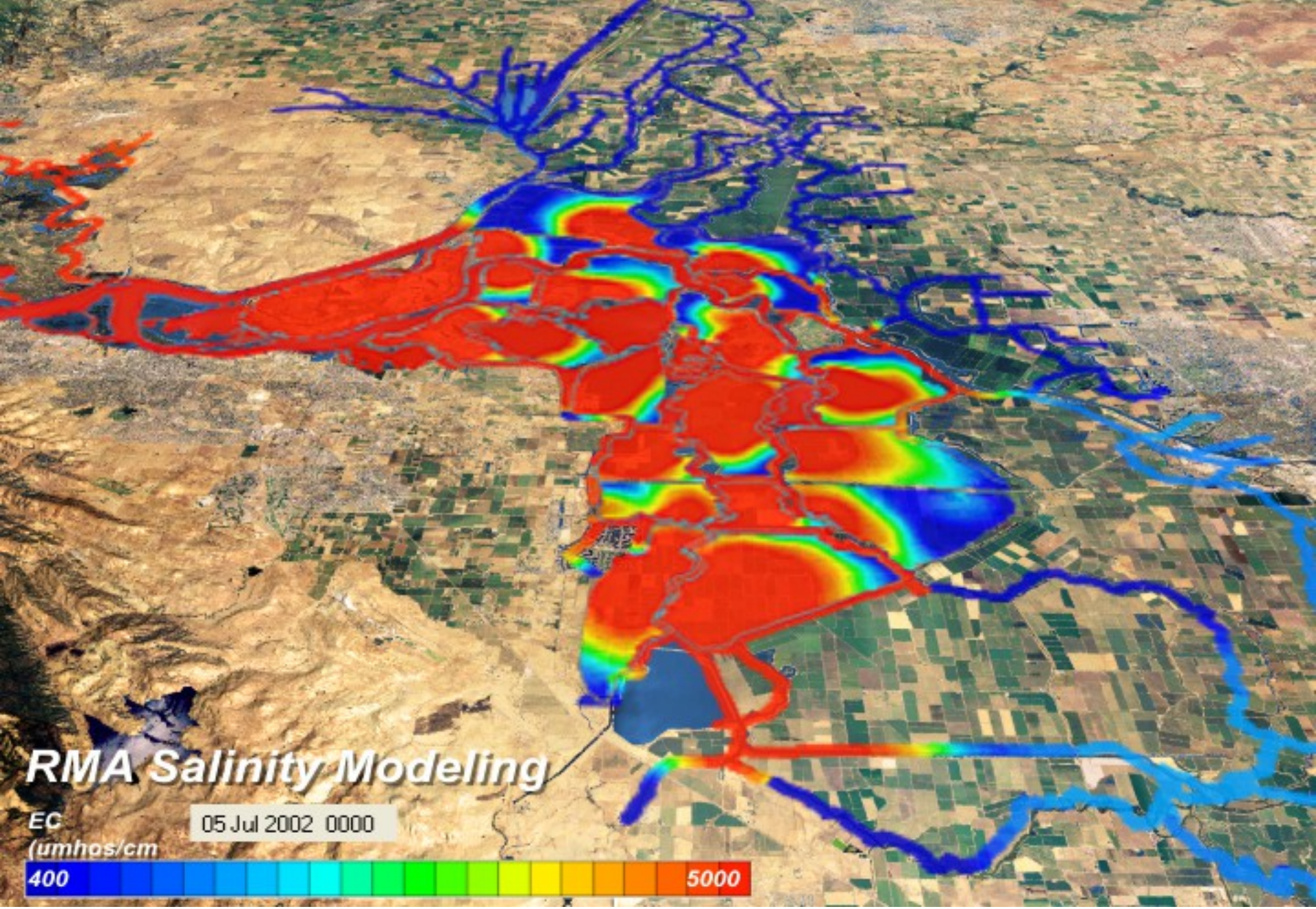
Fish screen along proposed Sacramento River intake



DELTA ISLANDS BELOW SEA LEVEL




Sea Level (mm)
1400
1200
1000
800
600
400
200
0
-200
1800
1850
1900
1950
2000
2050
2100
Year
Geological Estimate
& Uncertainty
Observations
& Uncertainty
Empirical
Projections
Model Projections



1 – 7 days: