

DELTA STEWARDSHIP COUNCIL

Why visualize zooplankton data?

Plankton are the Foundation of the Sacramento San Joaquin Delta Food Web

Zooplankton and phytoplankton support the world's largest and complex food webs

Without zooplankton, larger aquatic animals that human economies rely on couldn't exist

Population
Estimates are Telling
of the Delta's Health

Increasing and decreasing population trends can illustrate the effects of climate change and overexploitation

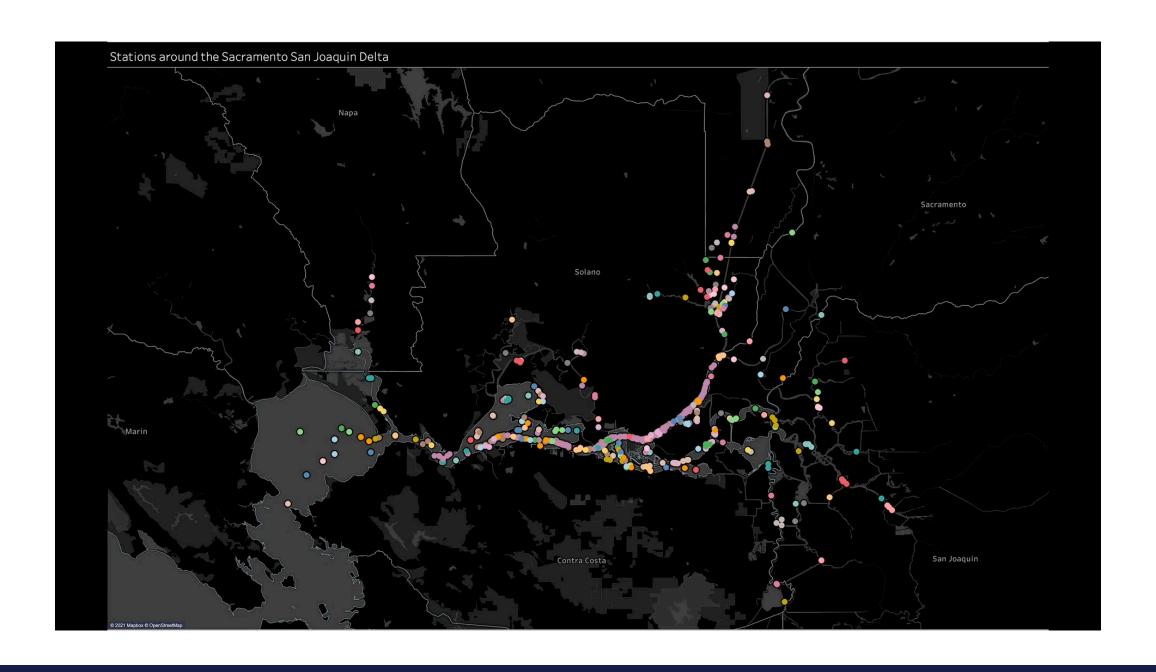
Native and Invasive Species

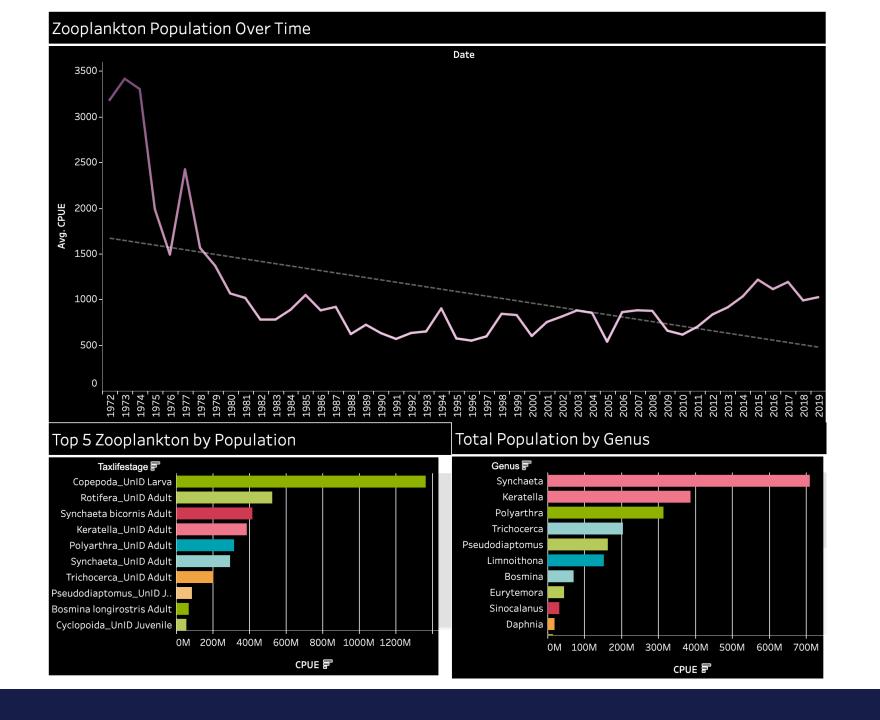
Zooplankton data visualizations can clearly depict the introduction and growth of invasive species, as well as the health of native species

Creating a Narrative for Local Communities

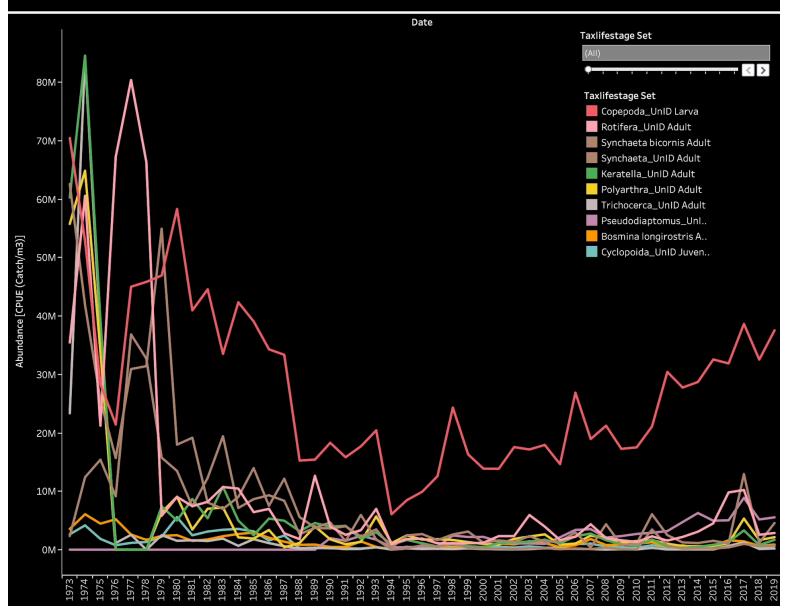
Data is extremely valuable, but also meaningless if affected communities cannot comprehend it.

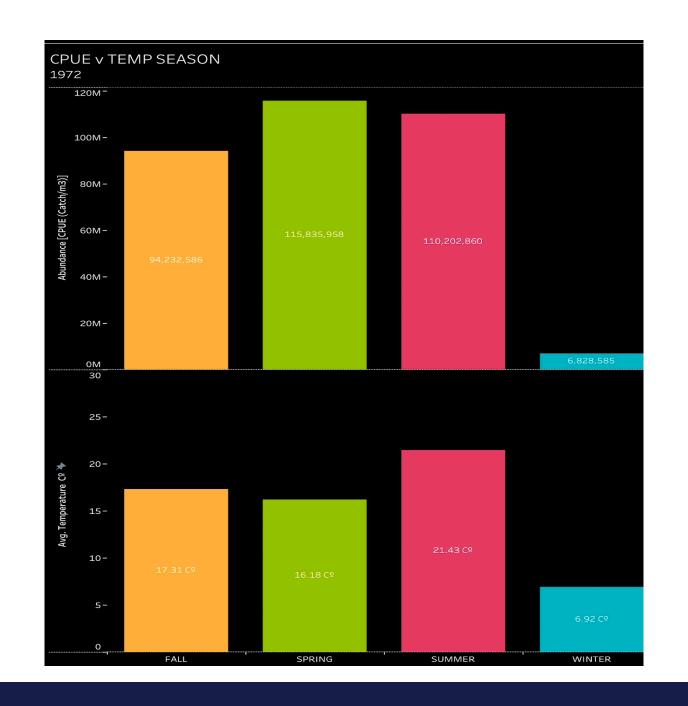
Visualizations make scientific data more accessible

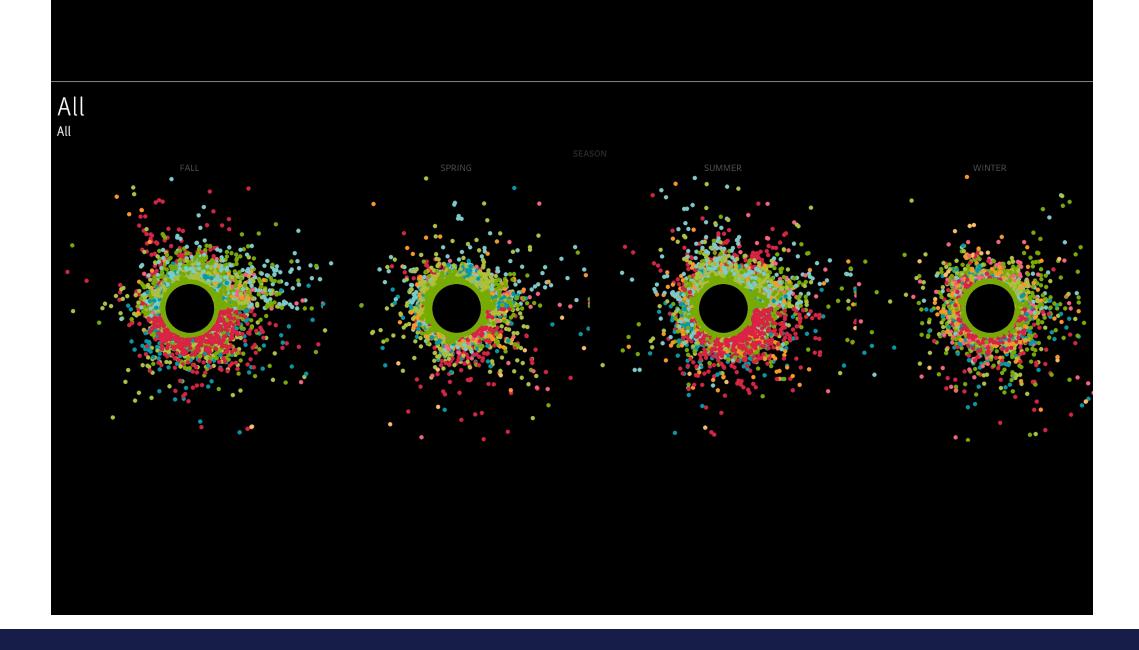


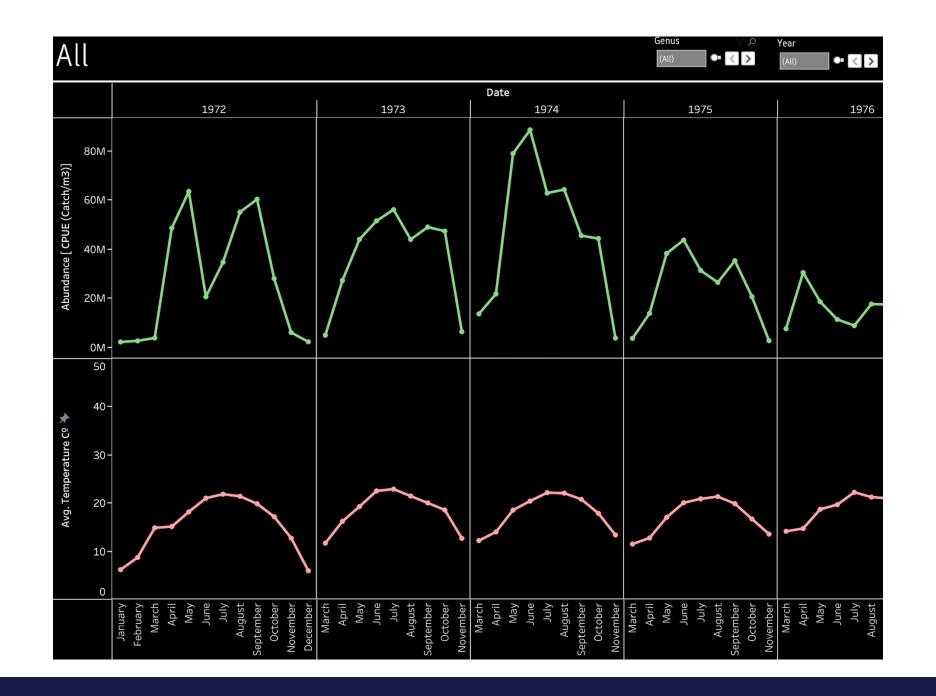


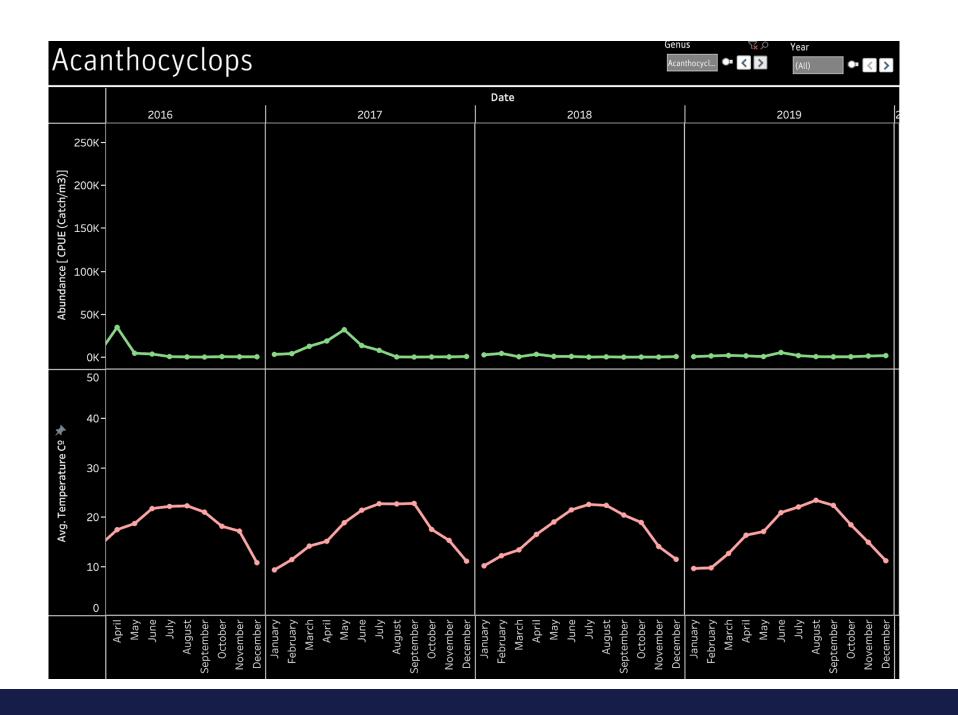
Top 10 Zooplankton Populations Over Time All











Seasonal Zooplankton Populations and Average Water Temperatures

All

All

SEASON

