

Science and Complex Public Policy:

How the heck do we help each other?

Felicia Marcus

Chair, State Water Resources Control Board

Delta Science Conference

Sacramento

November 15, 2016



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



LAYPERSON'S GUIDE TO

Water Rights Law

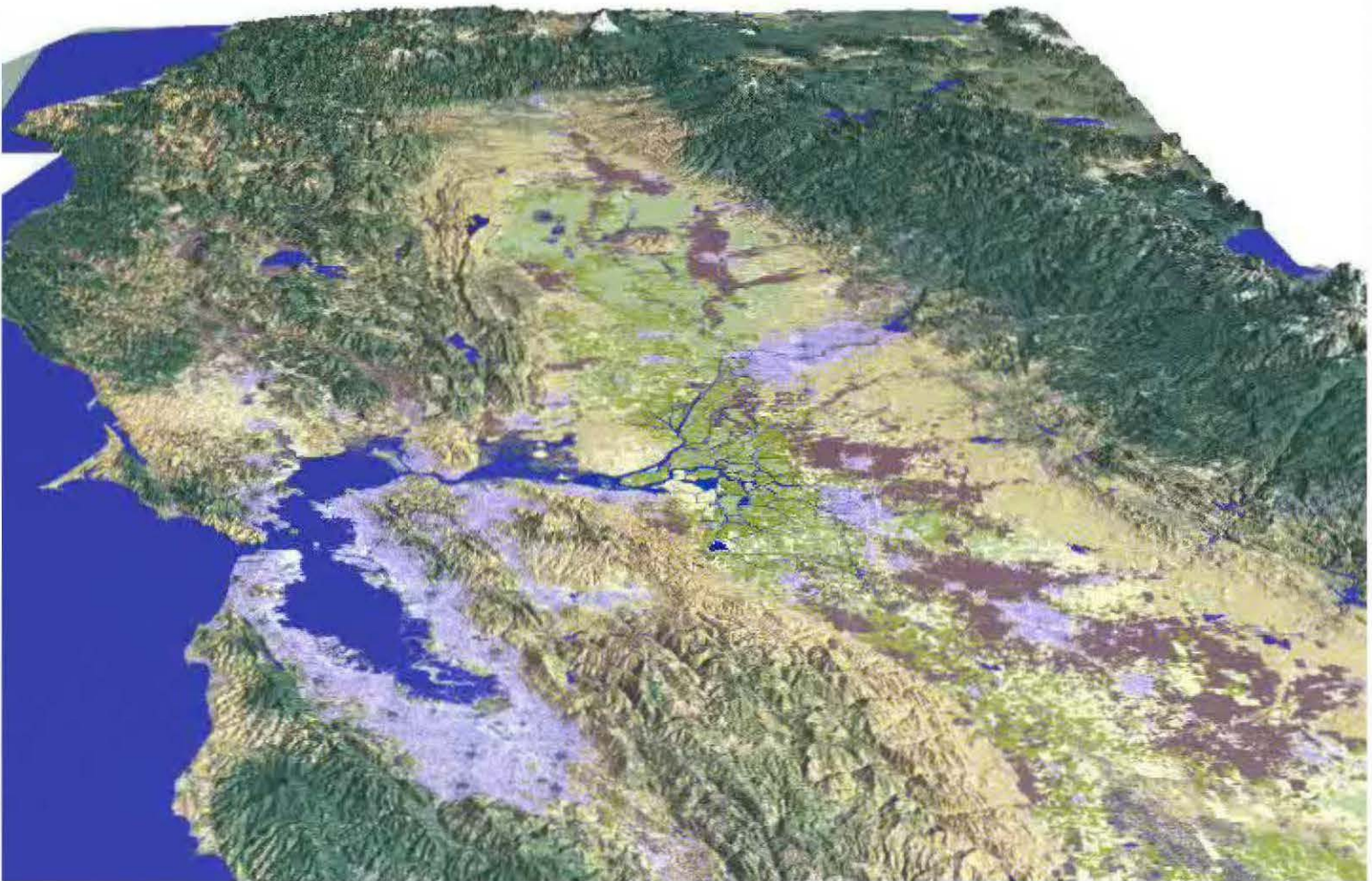
Prepared by the Water Education Foundation



It's everyone's turn.



The “wicked” problems in the Delta









THE REGULATORY DROUGHT

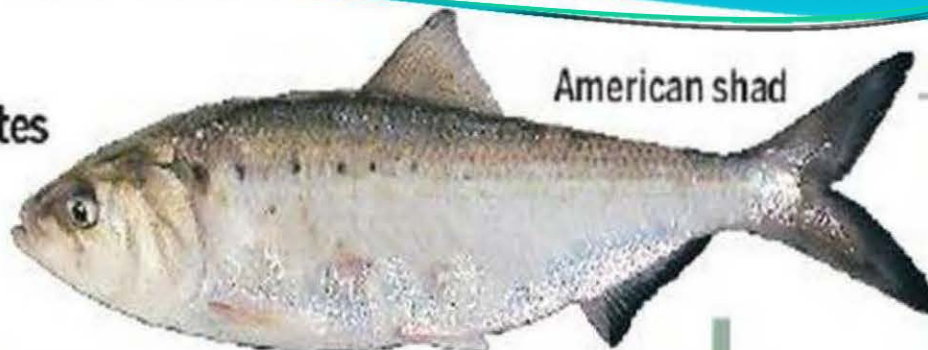
**WE FARM
YOU EAT
ANY QUESTIONS ?**



Average index of the number of fish relative to the volume of water sampled at all sites

Average index based on fish netted at 31 sites

10,000 cubic meters of water sampled at each site



American shad



Delta smelt

Young striped bass

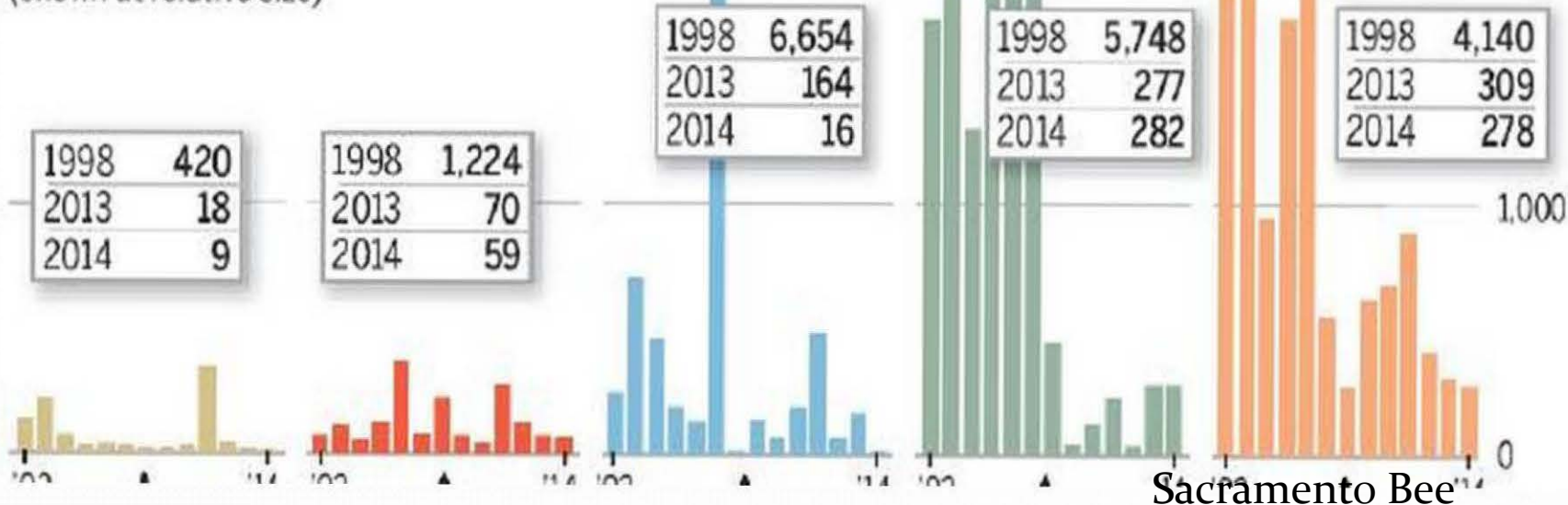


Longfin smelt



Threadfin shad

Species surveyed (shown at relative size)



The Wisdom of Yogi Berra

“In theory there is no difference between theory and practice. In practice, there is.”

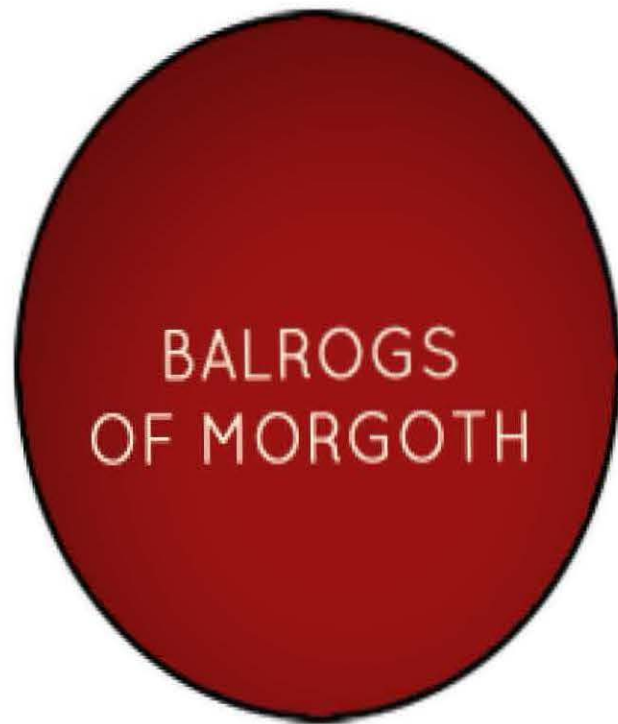


The nature of “balance”



GANDALF

A VENN DIAGRAM

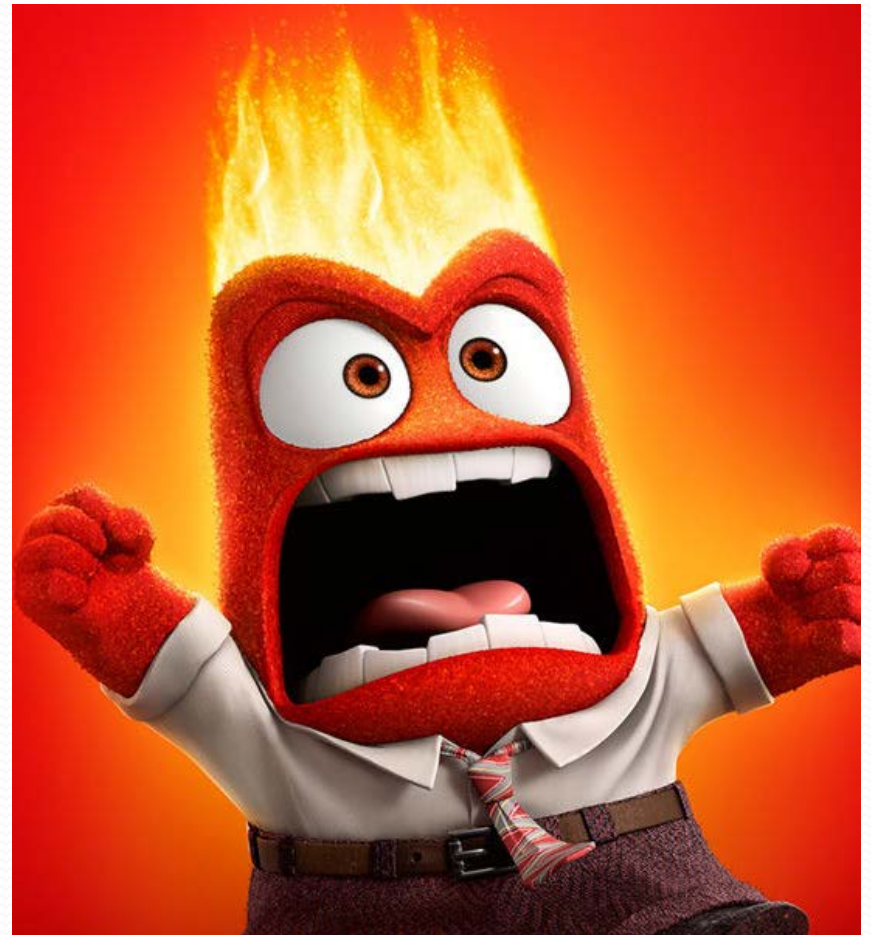




NO SOUP FOR YOU!!!

memegenerator.net

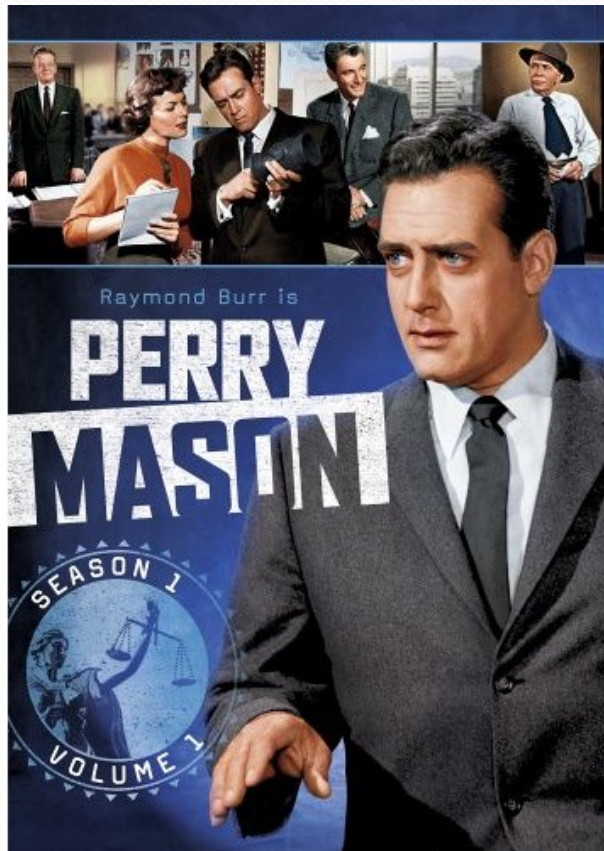
New skill sets required



What it will take



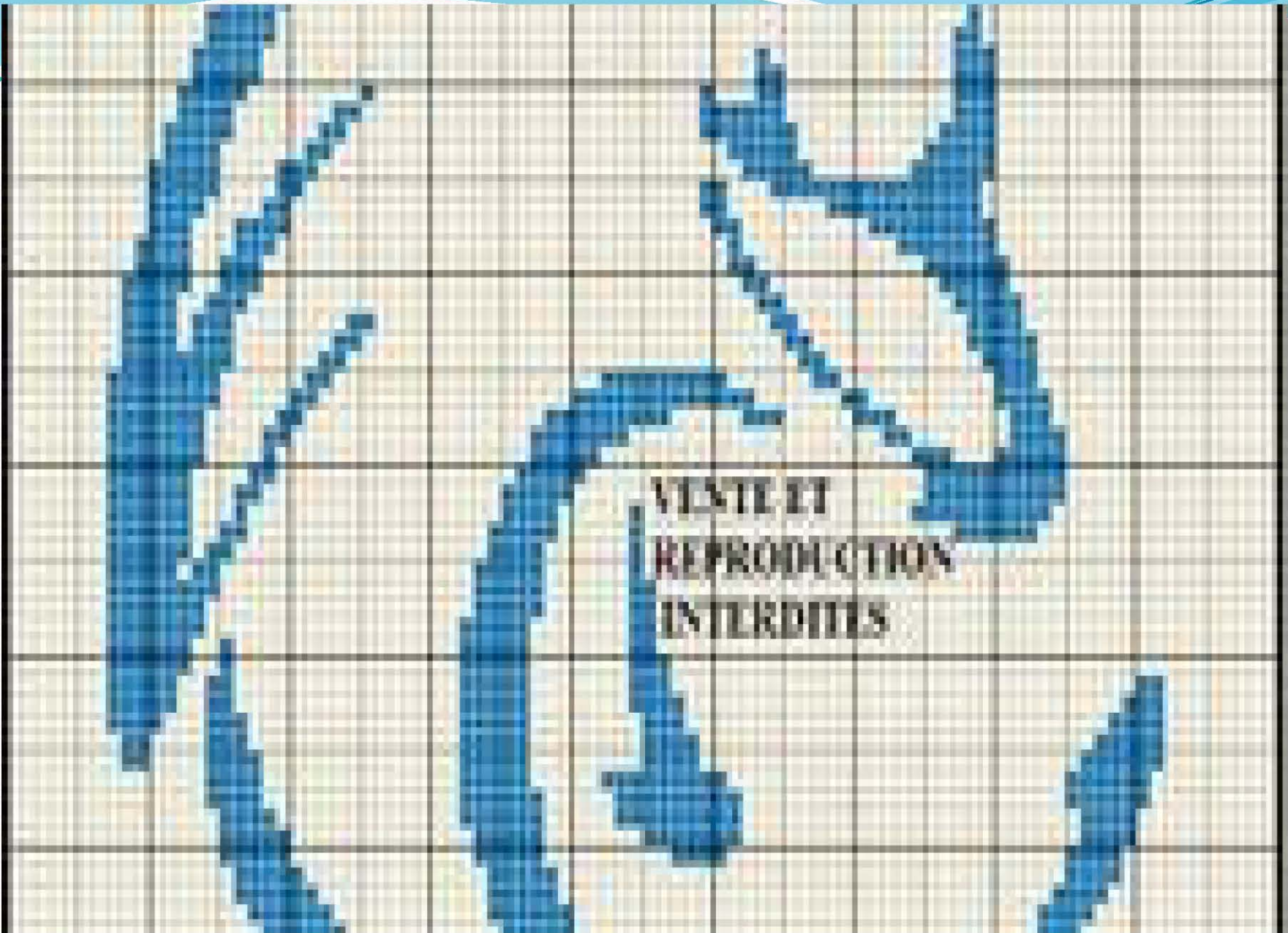
What it will take



Like a chicken talking to a duck...







VENTE ET
REPRODUCTION
INTERDITES

The Wisdom of Yogi Berra

“In theory there is no difference between theory and practice. In practice, there is.”



What it will take



