



# DEPARTMENT OF WATER RESOURCES

## Update on the Work of the Climate Change Technical Advisory Group

Plenary Session

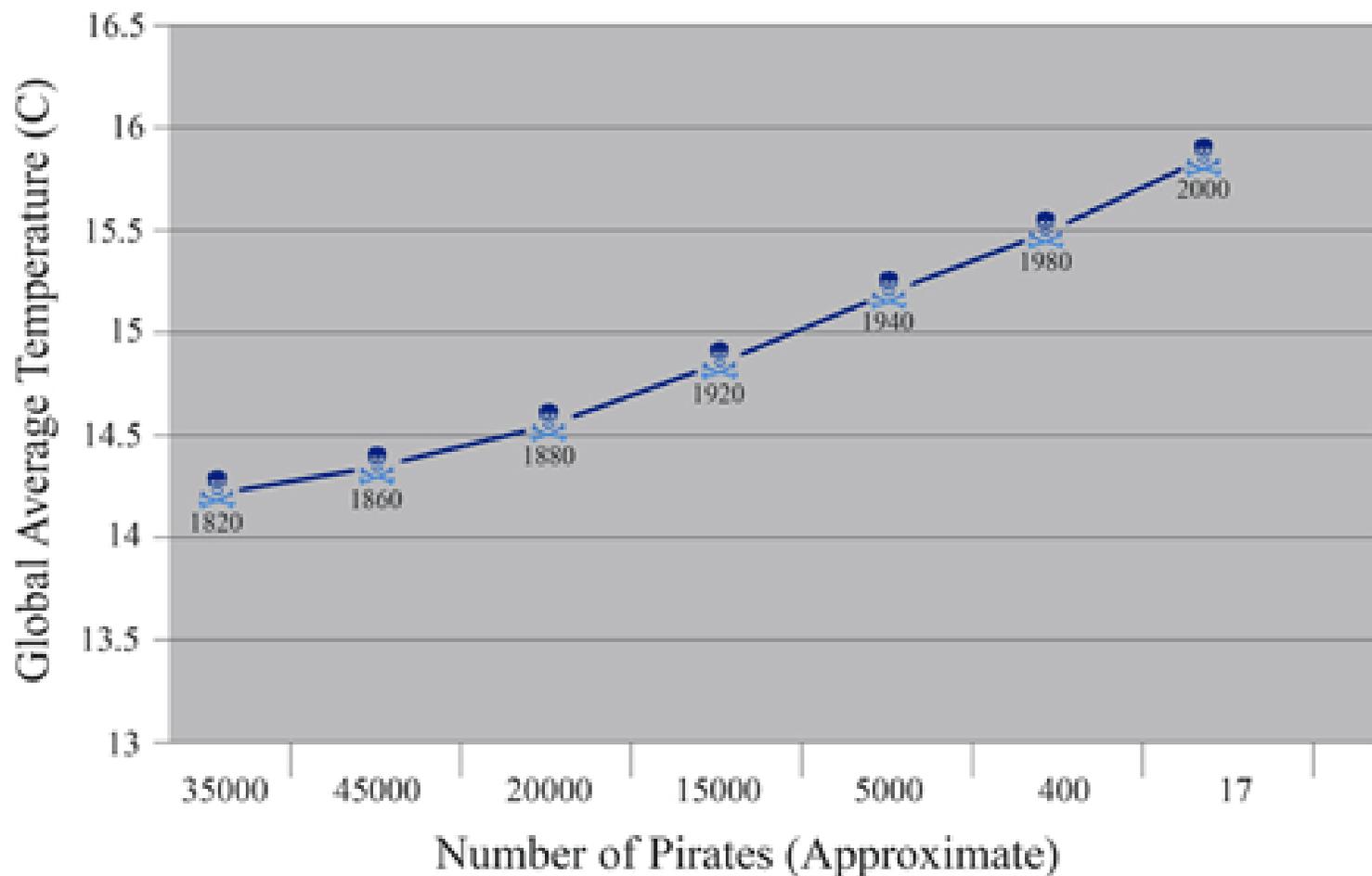
California Water Plan Update 2009

September 19, 2008

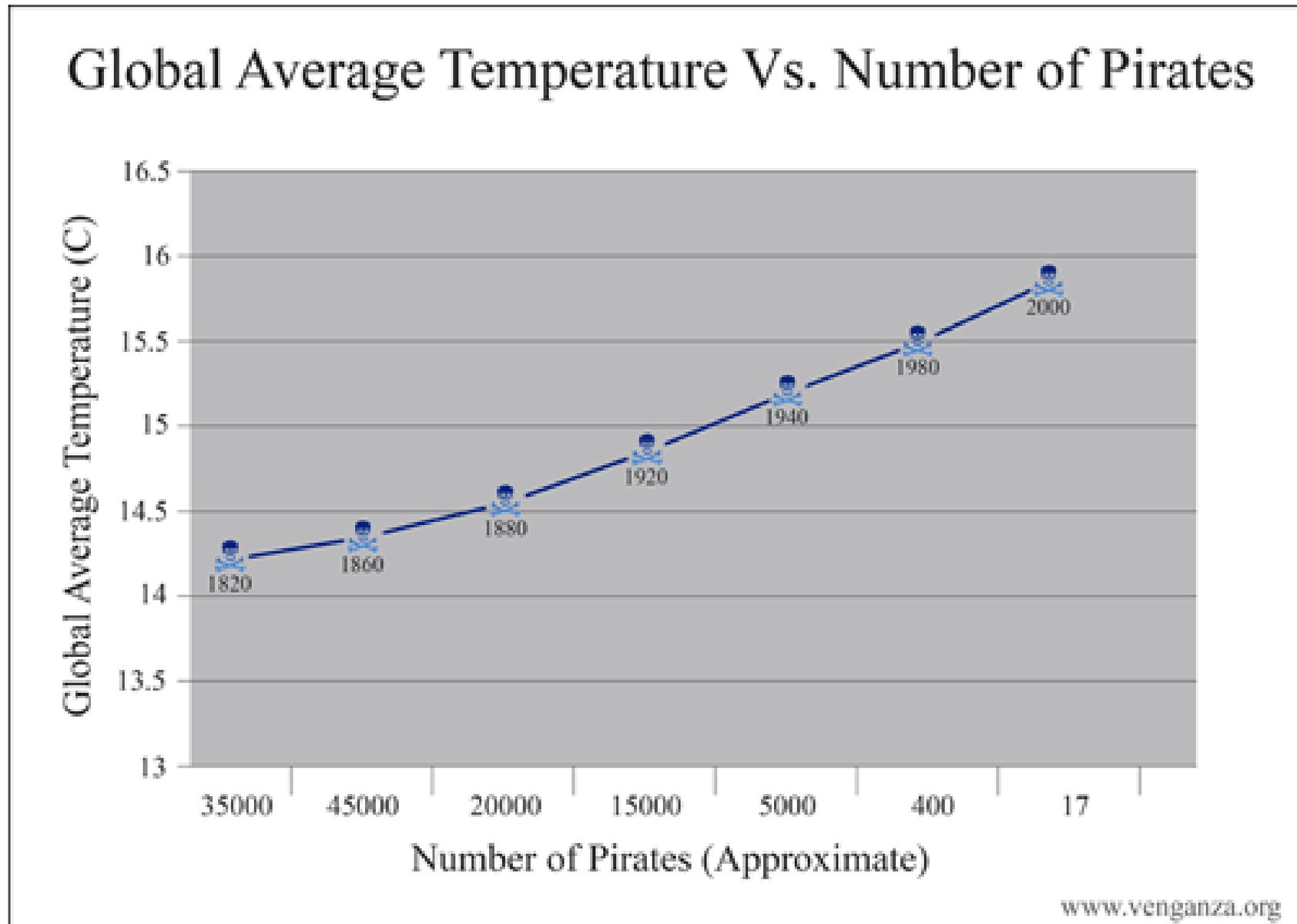
John Andrew, Chair

# Global Warming Associated with Decline in Piracy

## Global Average Temperature Vs. Number of Pirates



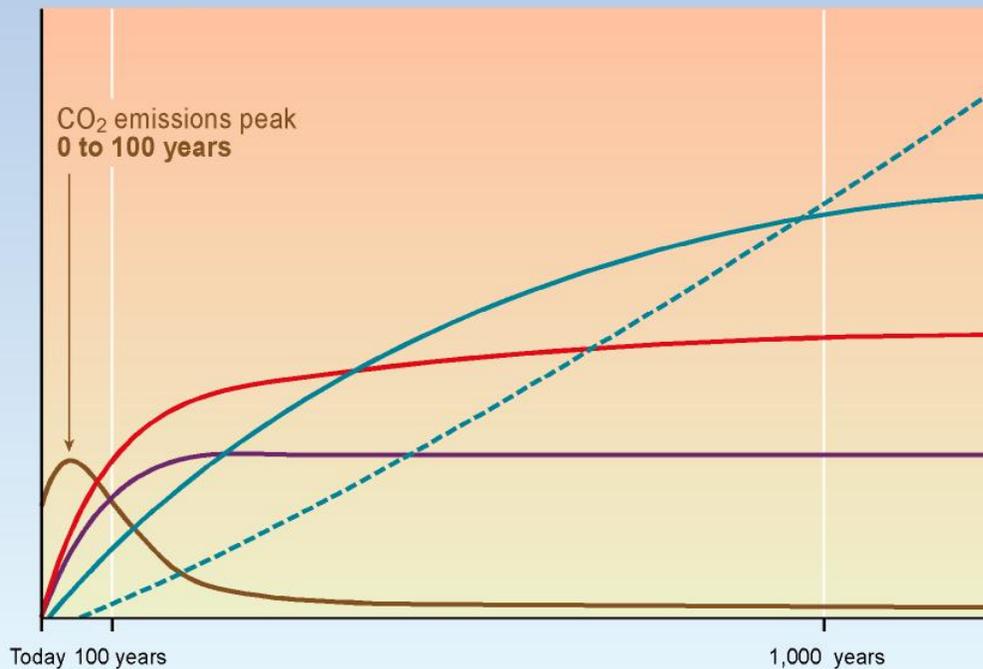
# PowerPoint Presentations Do Not Substitute for Analysis & Documentation



# Adaption is a Necessity

CO<sub>2</sub> concentration, temperature, and sea level continue to rise long after emissions are reduced

Magnitude of response



Time taken to reach equilibrium

Sea-level rise due to ice melting:  
**several millennia**

Sea-level rise due to thermal expansion:  
**centuries to millennia**

Temperature stabilization:  
**a few centuries**

CO<sub>2</sub> stabilization:  
**100 to 300 years**

CO<sub>2</sub> emissions

SYR - FIGURE 5-2