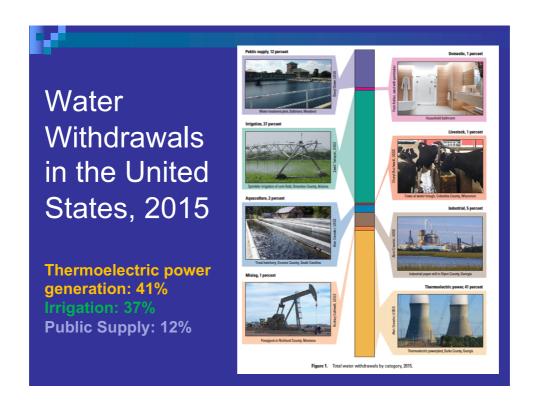
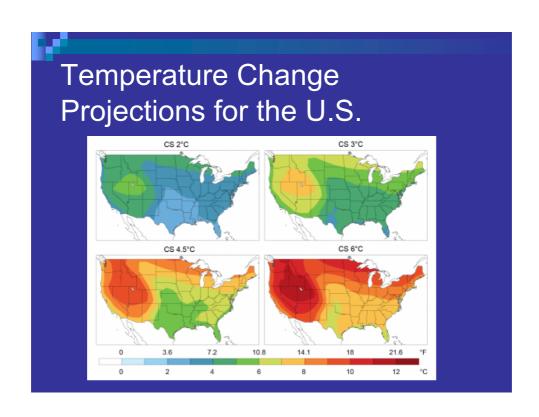
U.S. Water Management in the Anthropocene: New Challenges, Regulatory Fragmentation, and Adaptive Water Governance

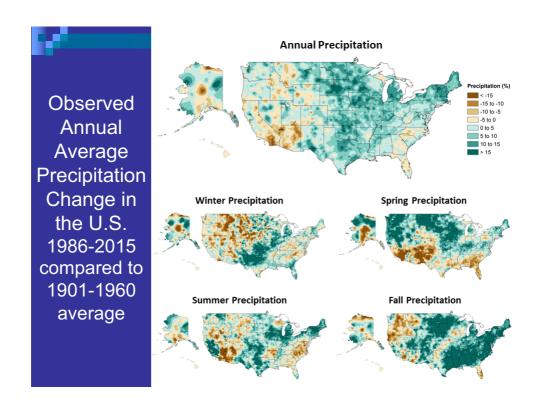
Robin Kundis Craig
James I. Farr Pres. Endowed Professor of Law
University of Utah S.J. Quinney College of Law
Catchments Otago & Faculty of Law Lecture
University of Otago Cotober 16, 2018

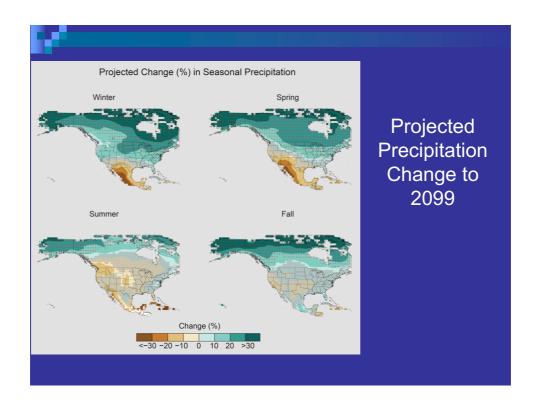
So, What Is Happening?

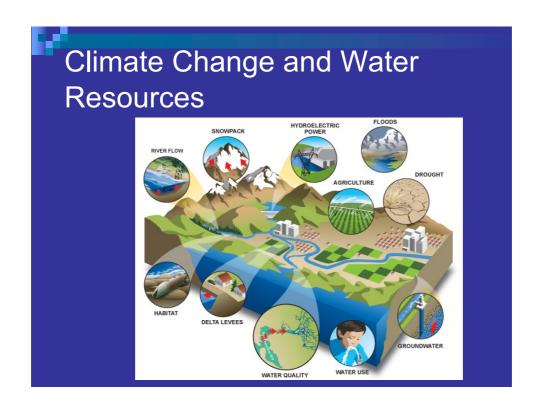
Climate Change Impacts to
Water Resources in the U.S.

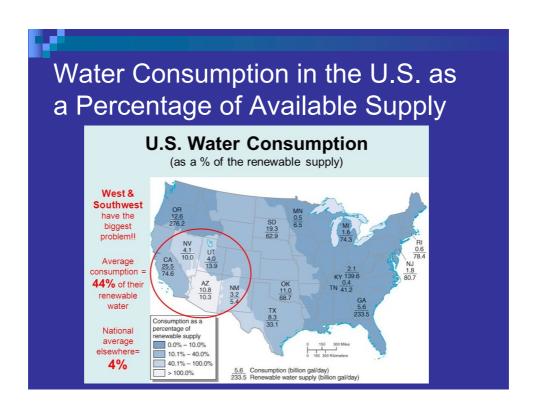


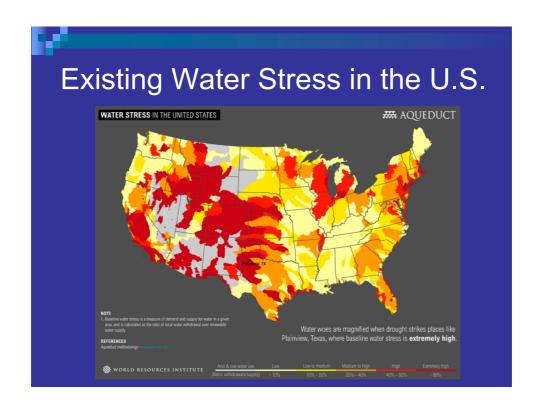


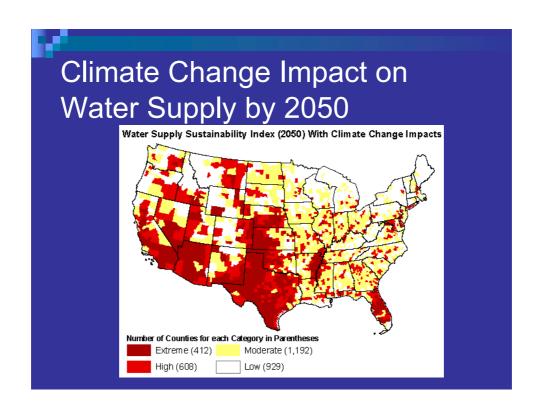


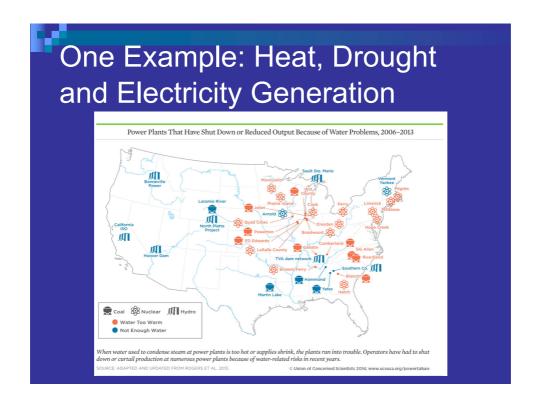












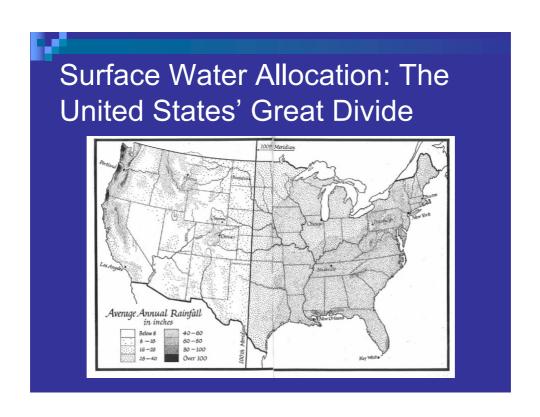
Three Aspects of U.S. Law that Really Matter to Water Management in the Anthropocene

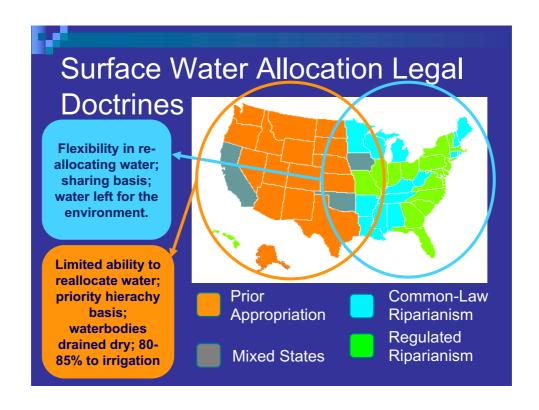
but also become a source of regulatory fragmentation!

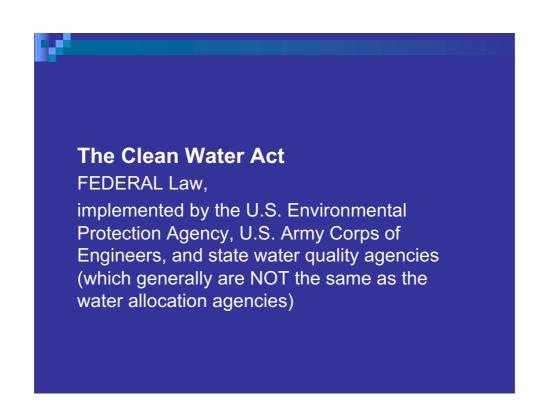
Water Allocation Law

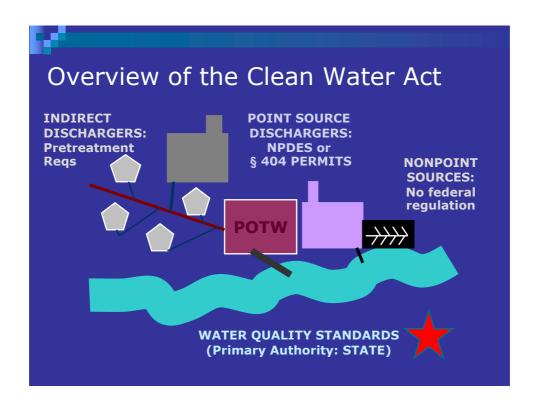
STATE Law,

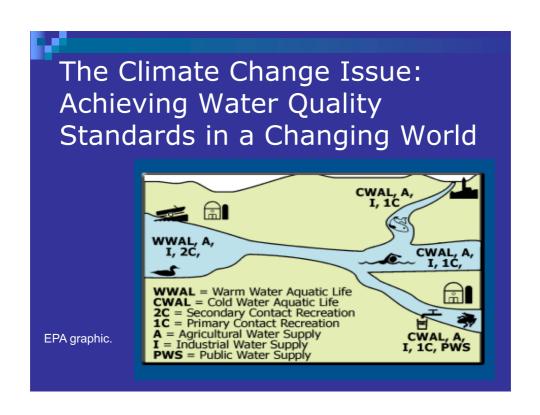
generally implemented through a state water agency and sometimes regional sub-state agencies

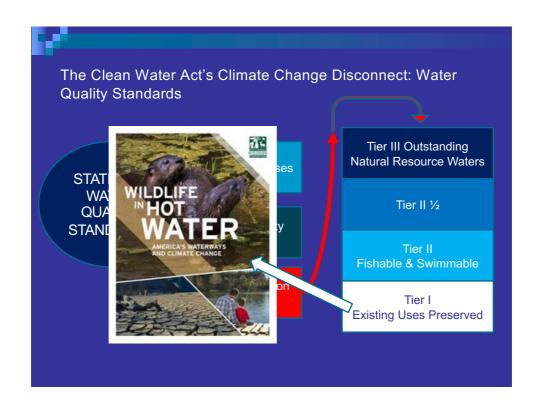




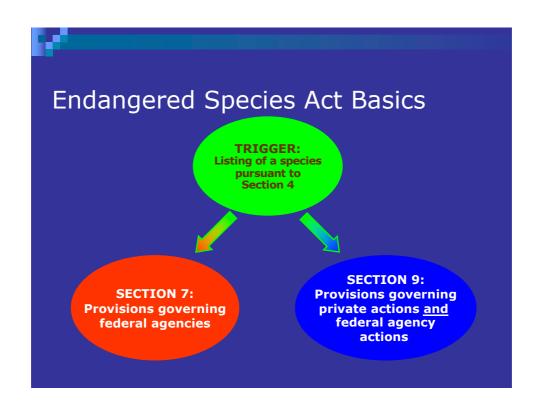










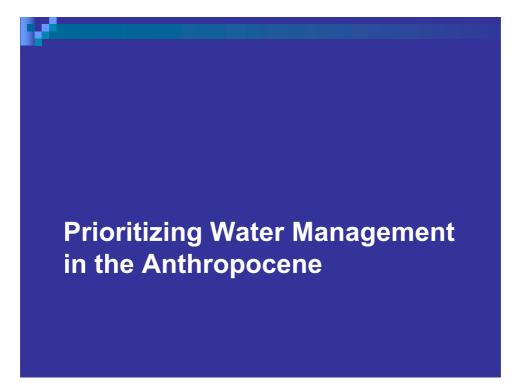


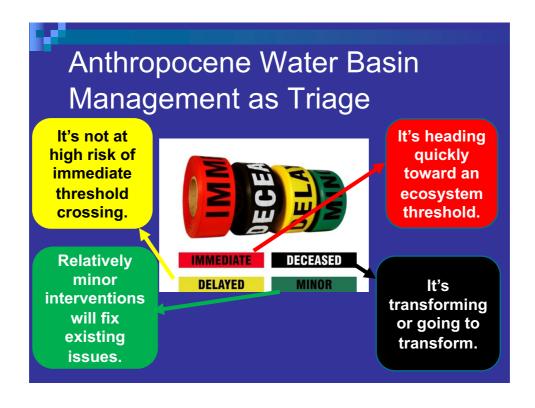


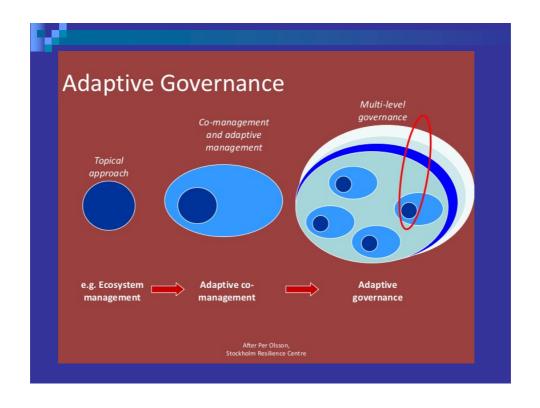
ESA-Listed Species Affect the Management of Freshwater Aquatic Ecosystems

- The ESA has already generated MANY court challenges to freshwater management.
- AND they are increasing.



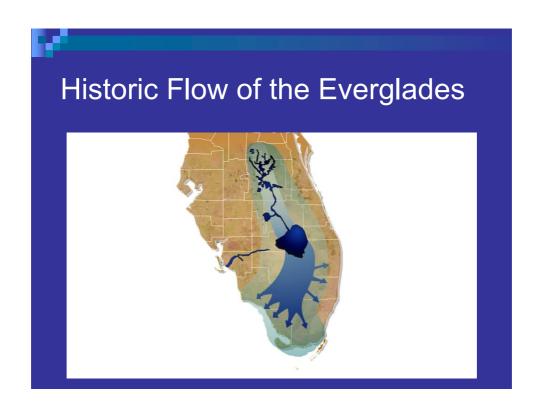


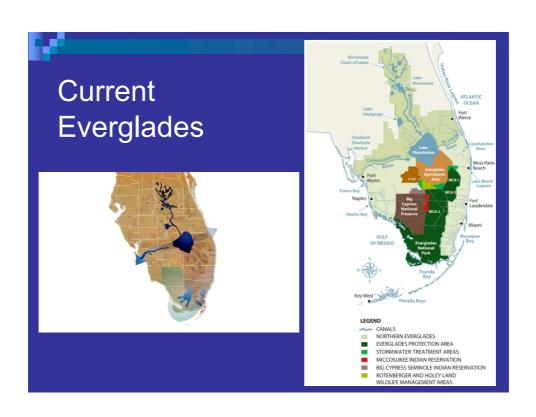




Three Major U.S. Watershed Management Examples

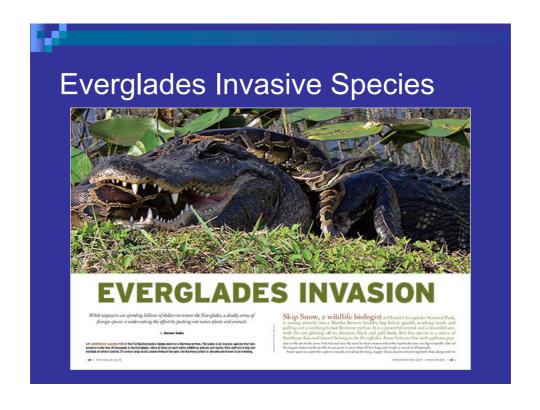
The Florida Everglades
It's Going to Transform



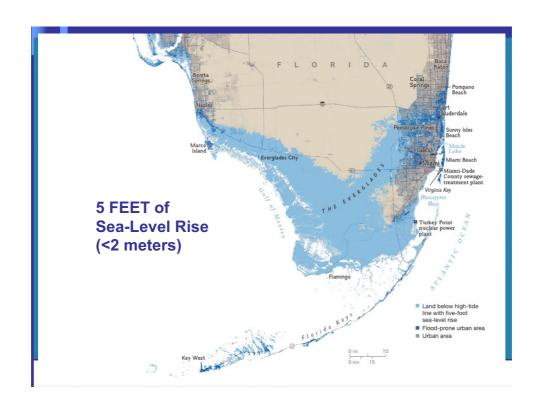




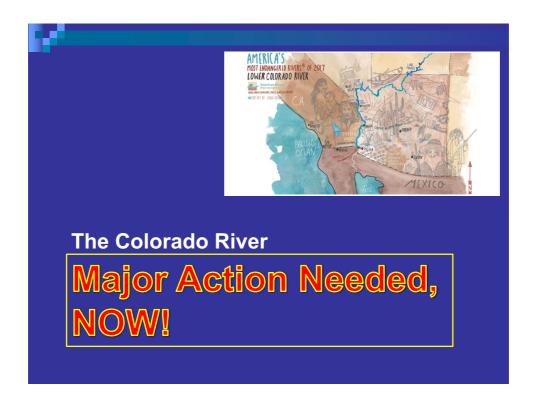


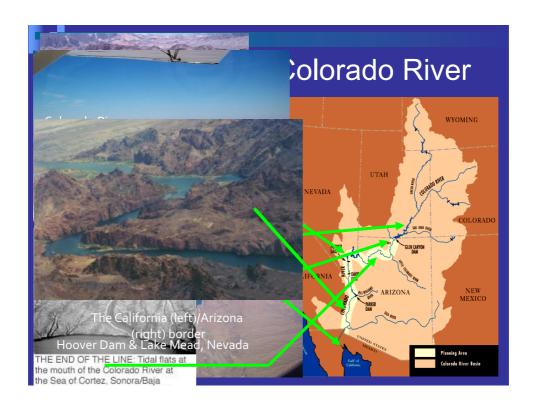






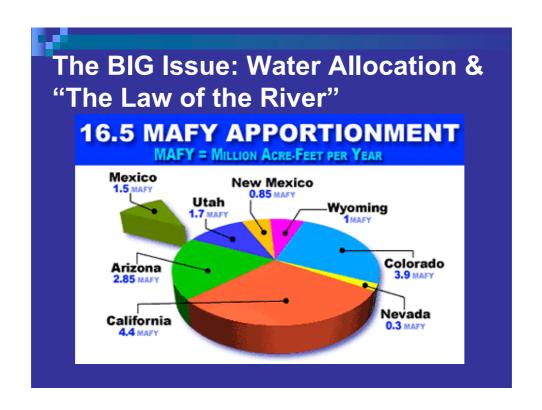


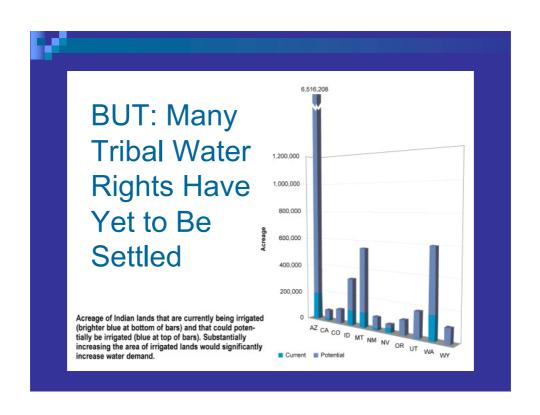


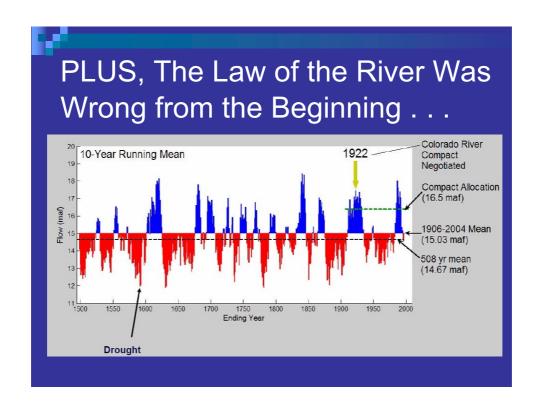


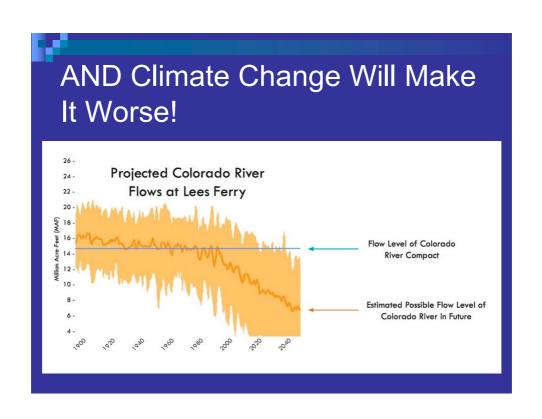


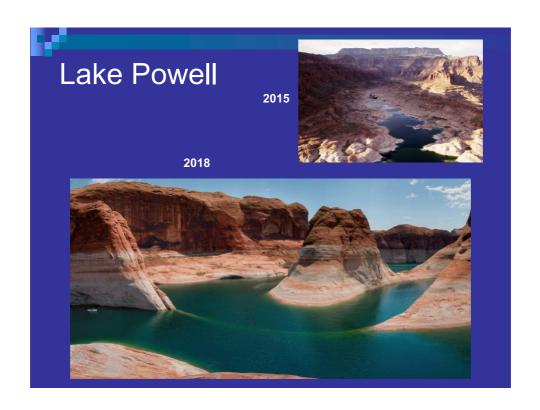














However, Trust & Flexibility ARE Emerging in Governance



Minute 319: The pulse flow delivered a total of 1321 million cubic meters (mcm) (107,000 acre-feet [af]) to the riparian corridor of the Colorado River Delta, March 23 to May 18, 2014.

Klamath River Basin

We're Down to Money ...



