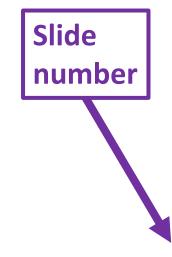
Examples of good and bad slides

Pete Wilcoxen Max 401



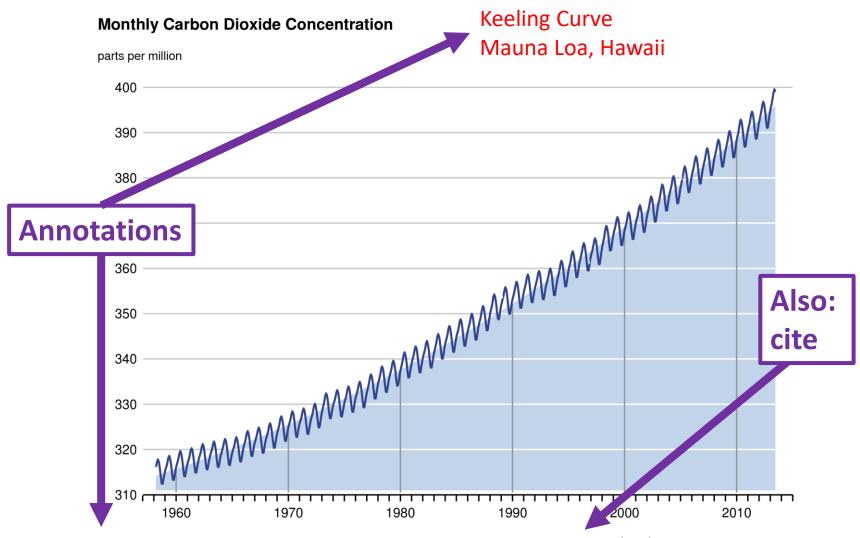
Fact 1: CO2 is a greenhouse gas



- Physics of the gas:
 - Transparent to visible and ultraviolet (UV) light
 - Absorbs and reradiates infrared (IR) light
- Physics of radiation:
 - Radiation from the Sun: visible or UV
 - Radiation from the Earth: mostly IR
- Implication:
 - Other things equal, less radiation out than coming in



Fact 2: CO2 in the atmosphere is increasing



Pre-industrial: 280 ppm

Source: Scripps CO2 Program, scrippscos2.ucsd.edu

Uncertainty raises risks



- Increased risks for future generations
 - Sunny day tidal flooding
 - Storm surge flooding
 - More severe droughts
 - Wider range for tropical diseases
 - Impacts on crops

•

- Not certain, but more likely with climate change
- Increased risk is a cost imposed on future
 - Economic terminology: negative externality

Tells rather than shows

Missed opportunities!

Increased risks





Increased risks

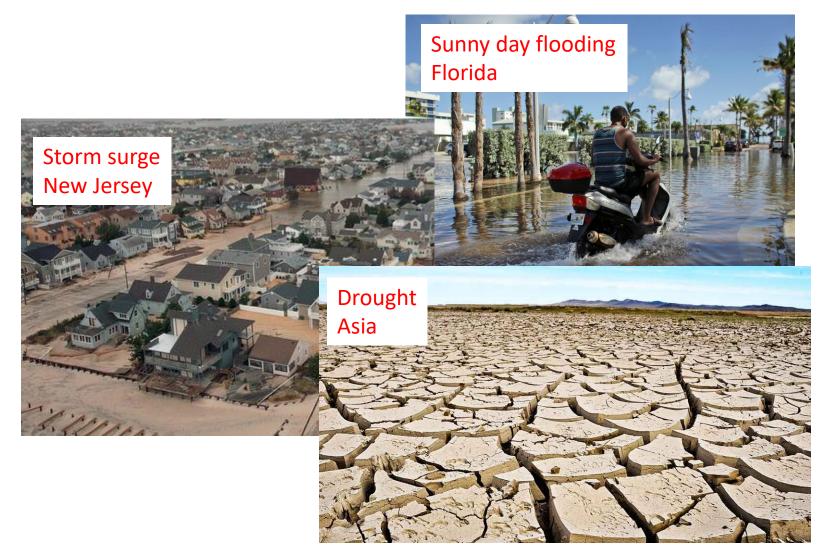




Sunny day flooding

Increased risks

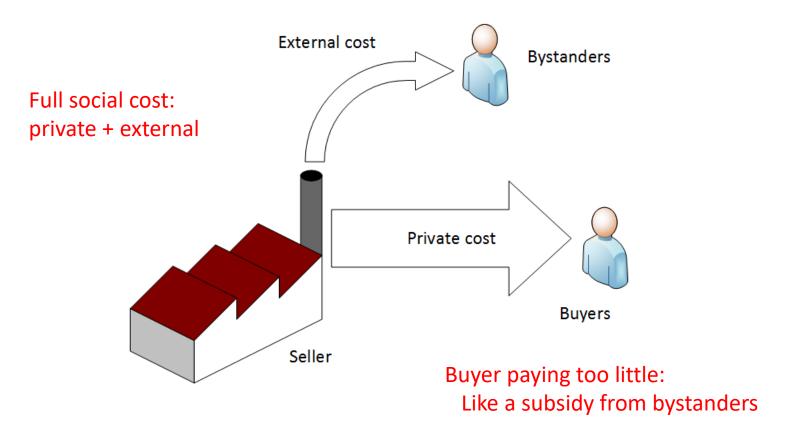




Sunny day photo: www.businessinsider.com; Storm surge photo: scied.ucar.edu; Drought: www.adb.org

Externalities distort incentives





Incentive to buy too much

Example externality: particulates

Better

Public costs imposed by coal and vehicles
Not included in private costs to producers and drivers





Tianamen Square, Beijing, 2014

chinadaily.com.cn

Clean Power Plan



- EPA policy to reduce emissions from **existing** power plants
- Less coal; more renewables and natural gas



AES Somerset Coal, 655 MW Lake Ontario



Astoria Energy Gas, 1120 MW NYC

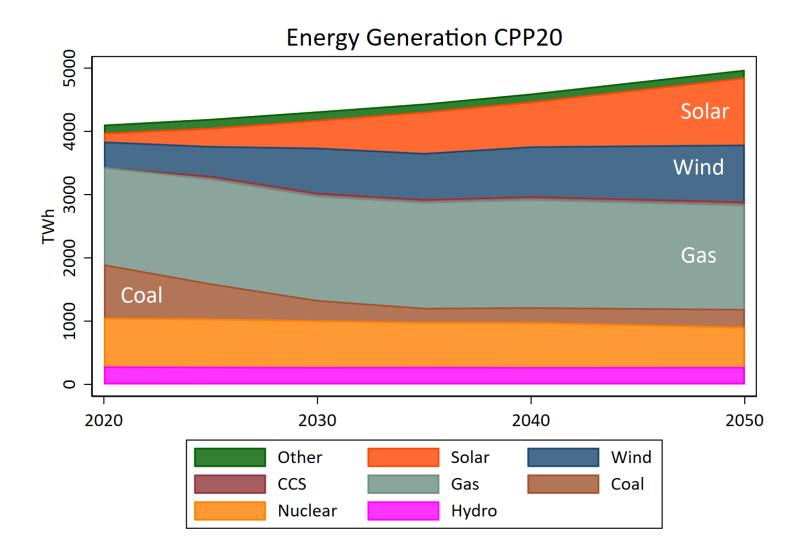


Photos: NYS DEC and Google Street View

Better

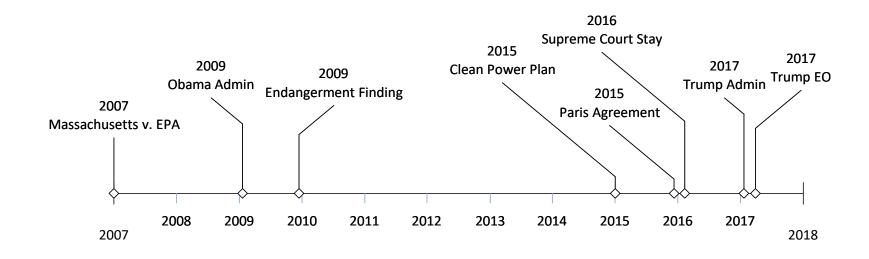


Impact of the CPP on electricity generation



Where does it stand now?

OK but font is too small



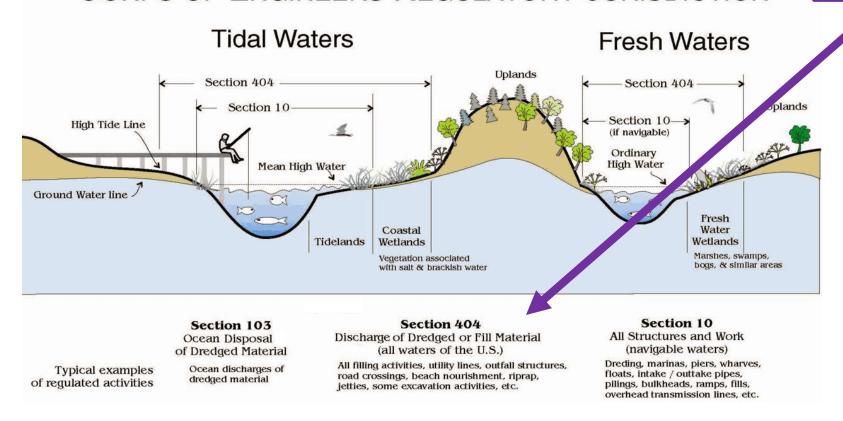
Army Corps authority

Long standing agreement: Navigable waters

- + continuously-flowing tributarie
- + adjacent wetlands

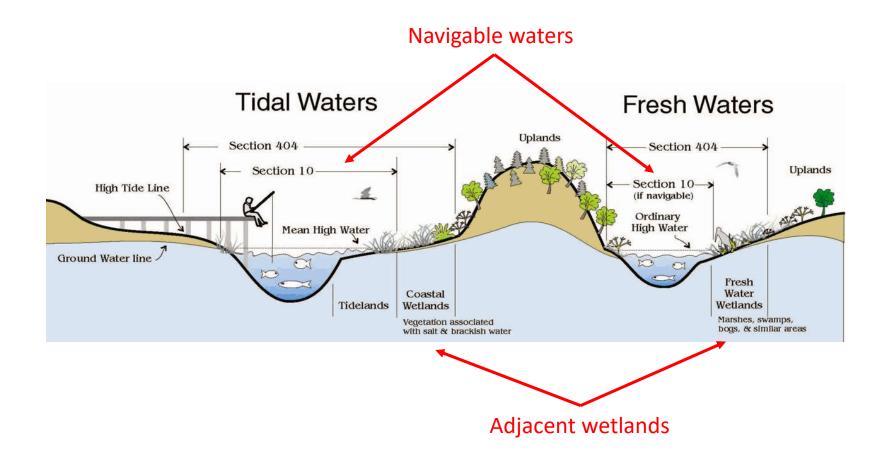
TMW.
Better to
trim
legend

Corps of Engineers Regulatory Jurisdiction



Army Corps authority





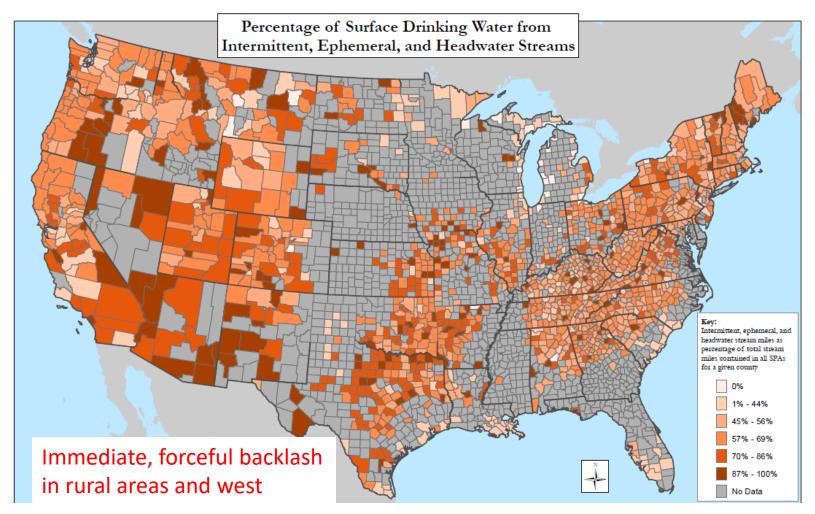
Result was WOTUS



- Significant nexus includes:
 - Headwaters streams
 - Intermittent streams
 - Ephemeral streams
 - Bodies connected by groundwater

Better

Rough gauge of the scope...



Summary

- Show rather than tell
- 2. Minimize bullet points
- 3. Avoid TMW
- 4. Annotate illustrations

Why bullets here?
Key point is that it's a list