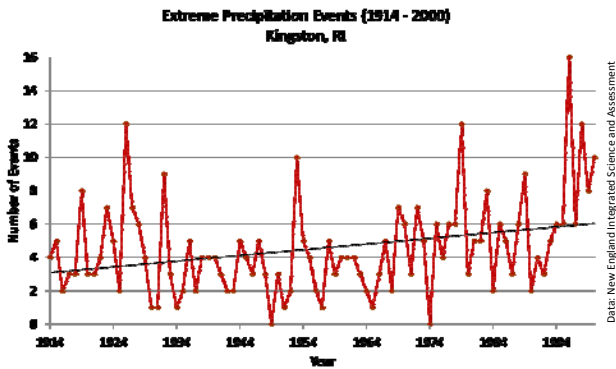




# Climate Change

**NARRAGANSETT BAY**  
**WATERSHED**  
**COUNTS**  
 ECONOMY • ENVIRONMENT • EQUITY

Increased frequency and intensity of rainfall...



...means more inland flooding

Photo: RI Department of Environmental Management

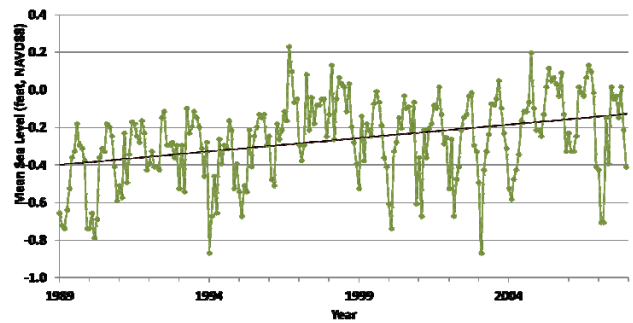


Sea level rise...

...means more coastal flooding

Photo: B. A. Oakley

**Mean Sea Level at Newport**  
 1989 - 2008



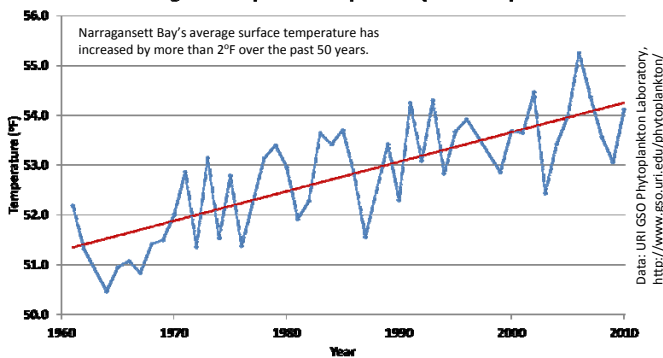
Data: National Oceanic and Atmospheric Administration



All of this means... more coastal erosion

Photo: B. A. Oakley

**Narragansett Bay Water Temperature (1961-2010)**



Increased bay temperatures mean...

...changes to the marine ecosystem, affecting valuable fisheries



Photos: URI Coastal Institute IGERT Project