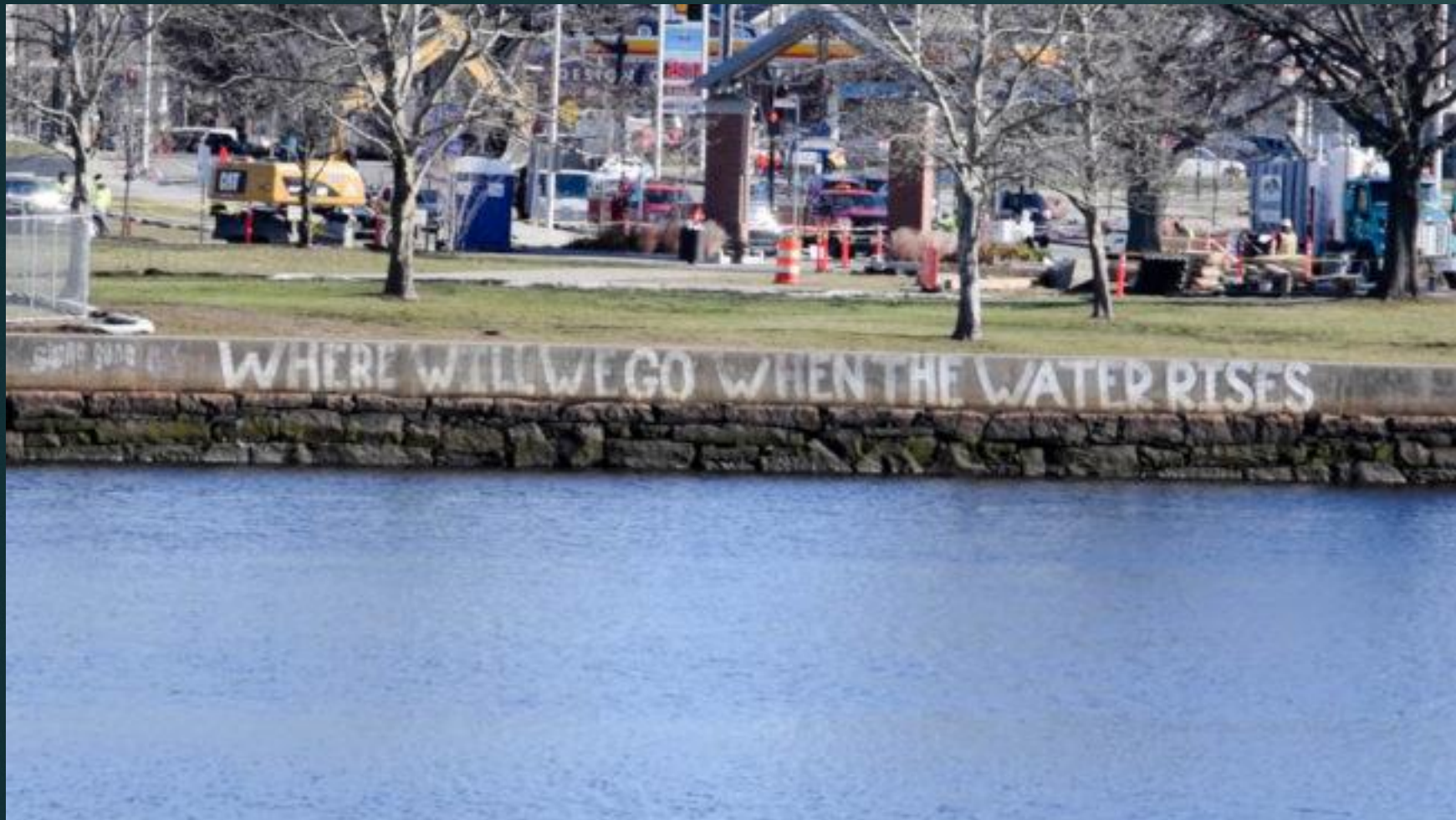
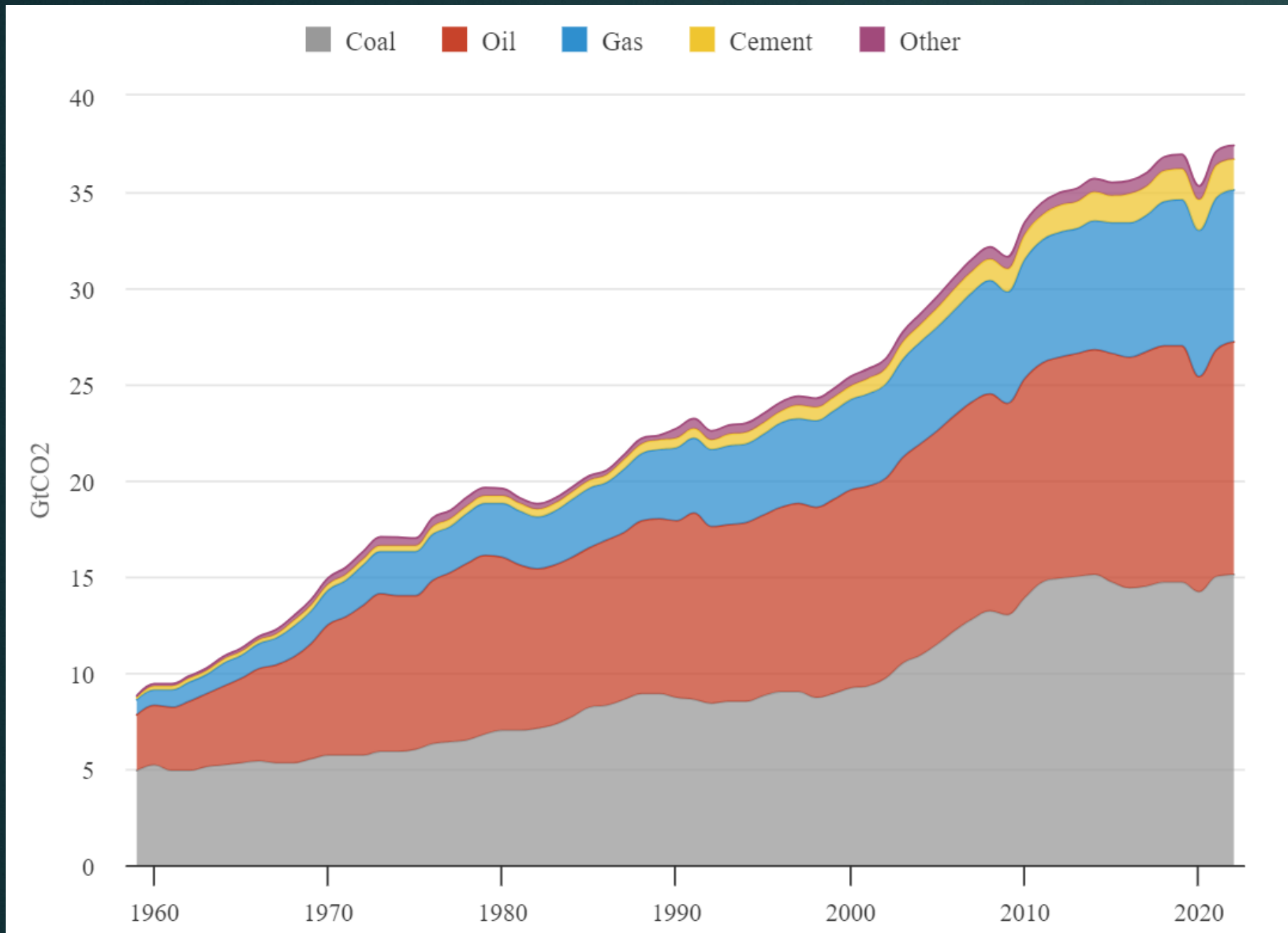


# The Economic Risks of Climate Change

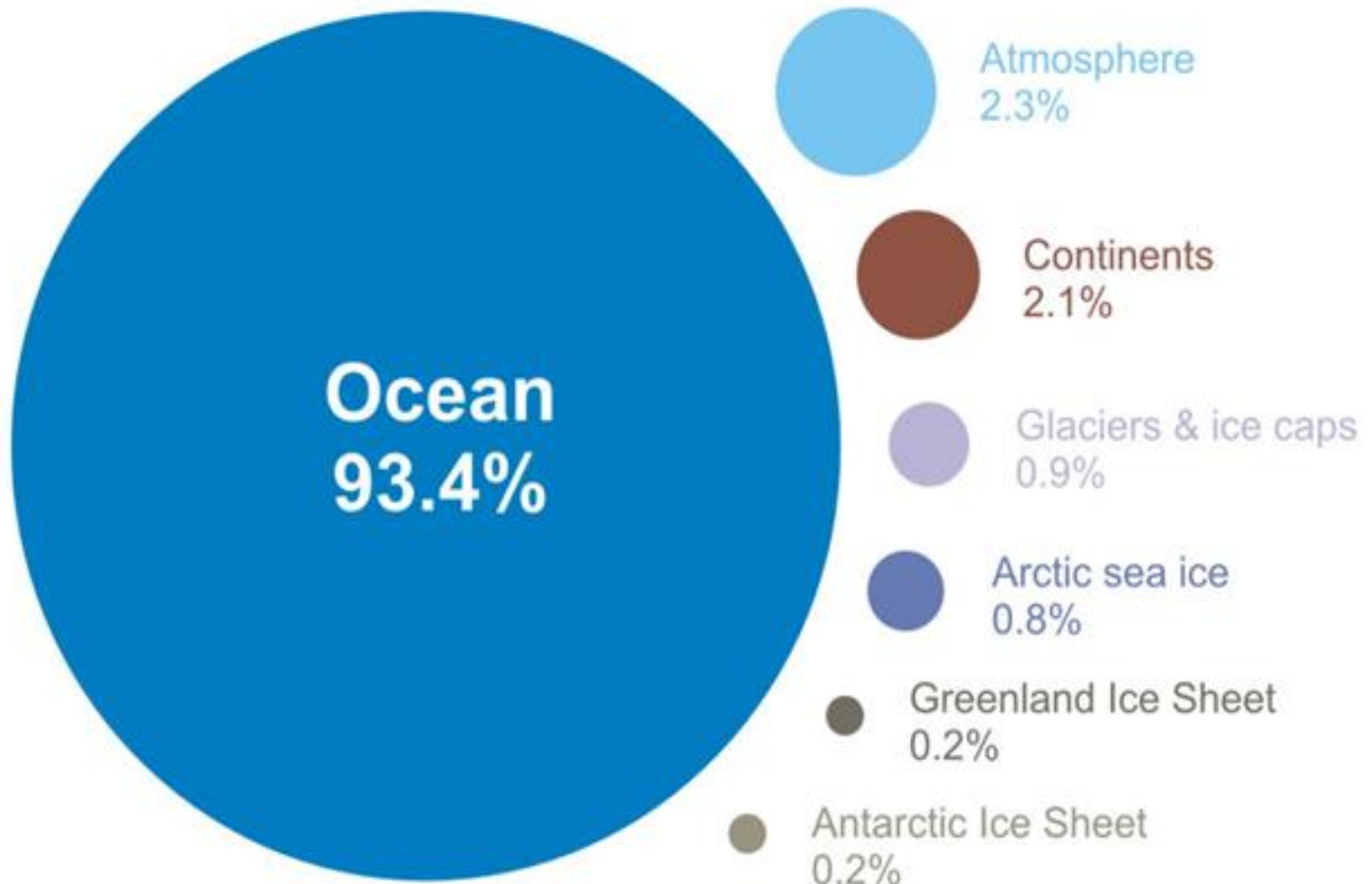


# Carbon Emissions Since 1850

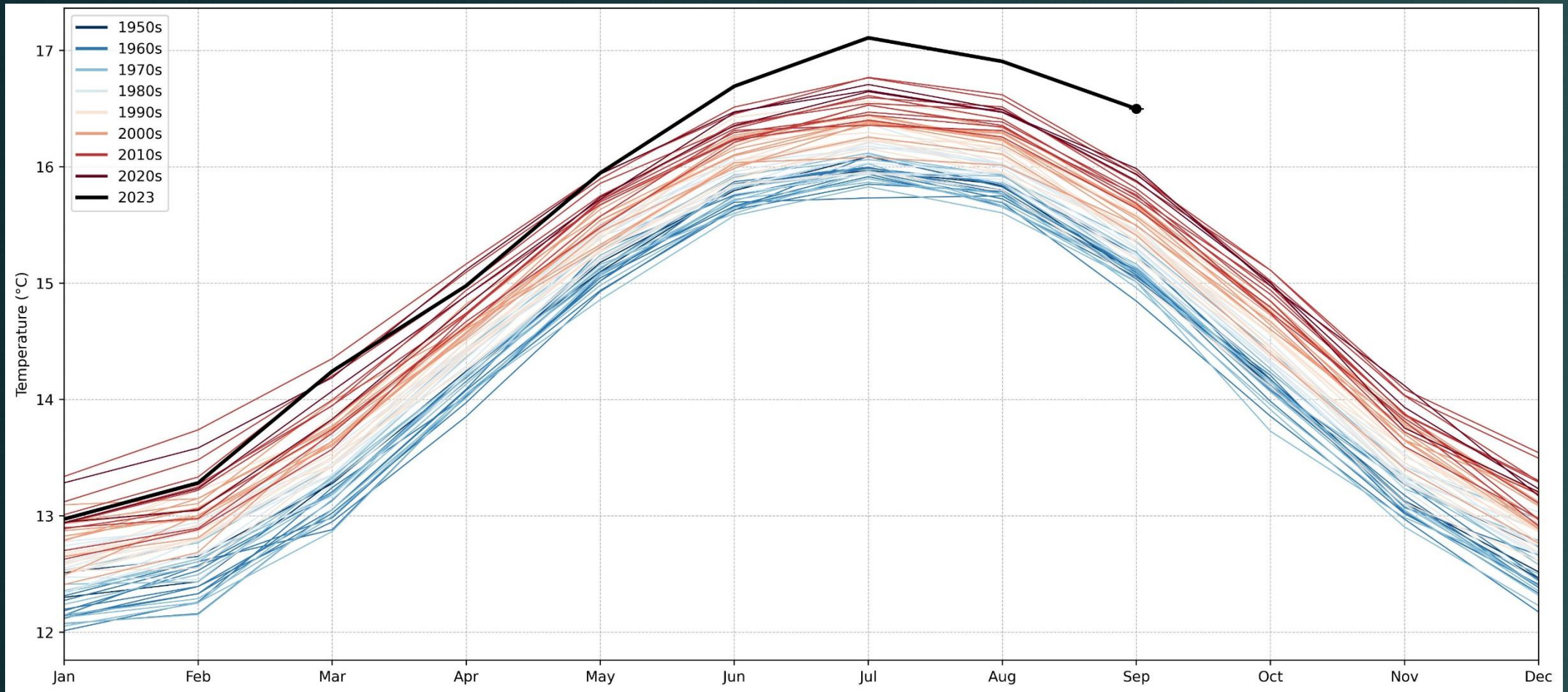




# Where Global Warming is Going

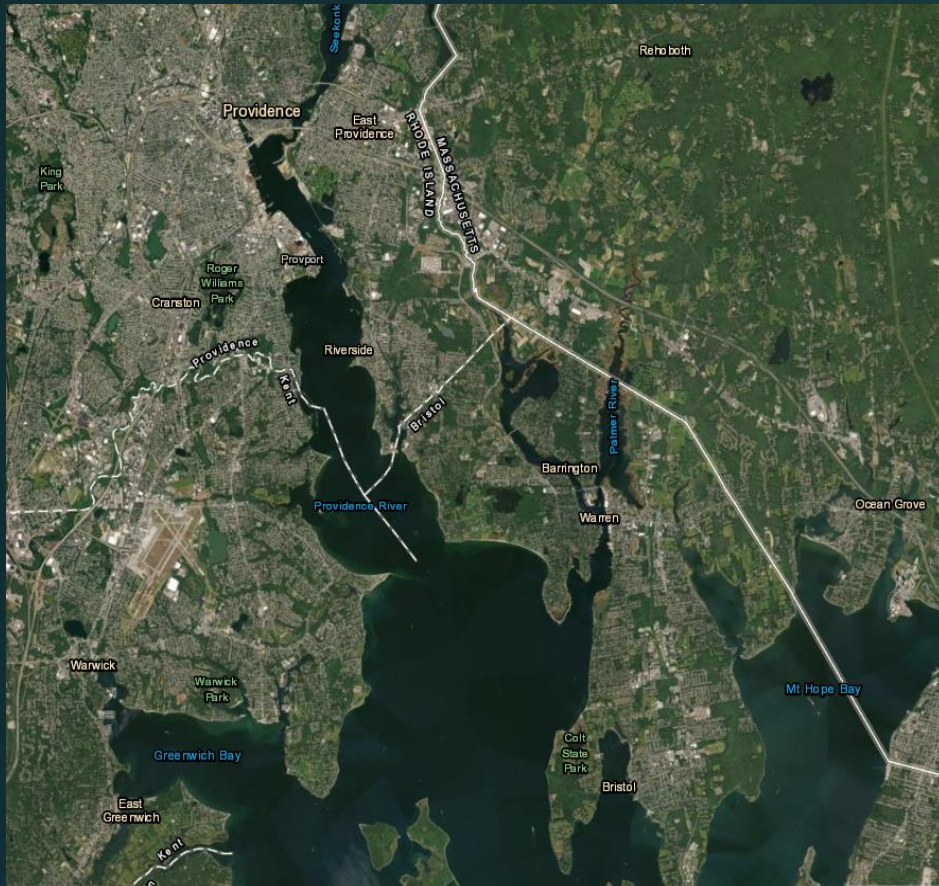


# Monthly Global Temperatures Are Rising

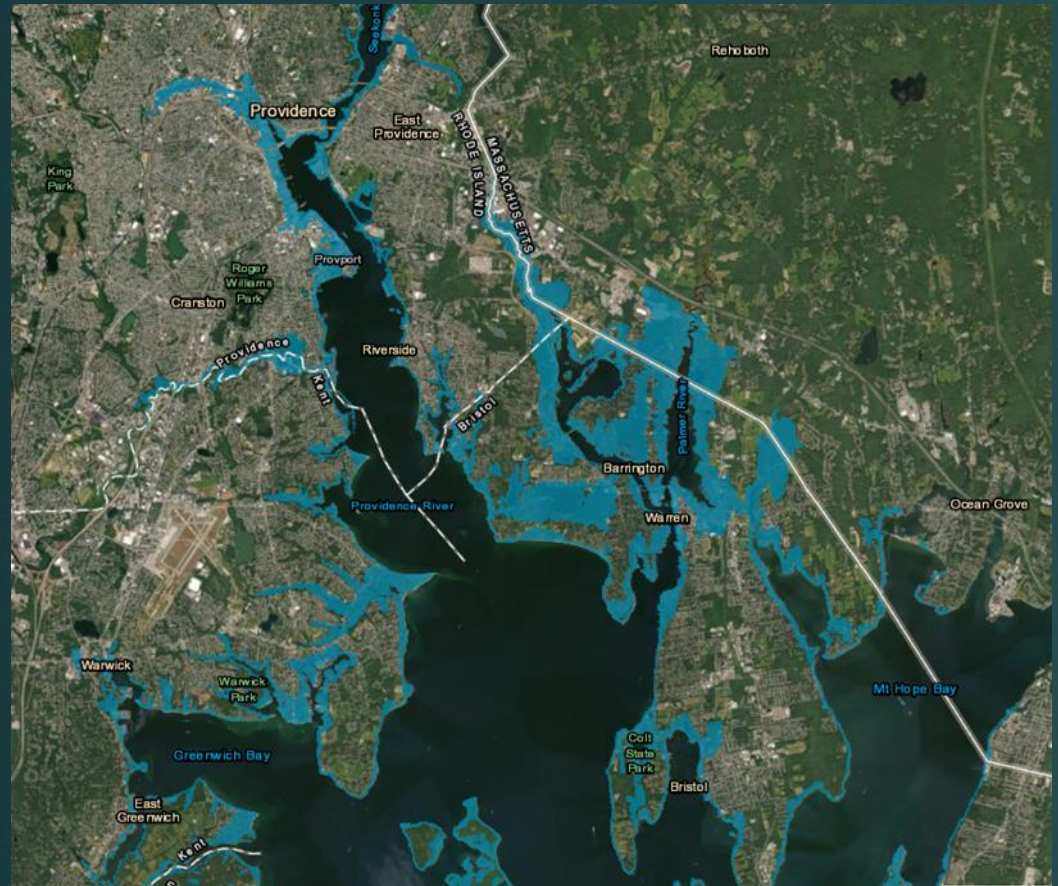




# Rhode Island Today



# Rhode Island Archipelago





# 10 Feet of Sea Level Rise







City Year

Providence City Hall

CLIMATE  CENTRAL

Google

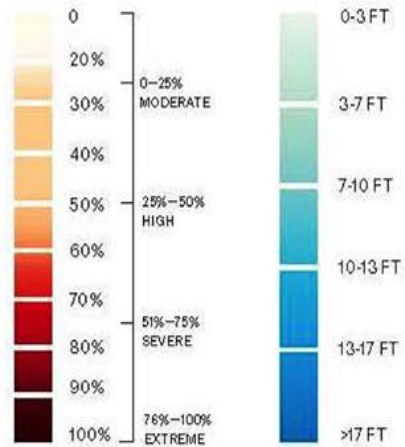


# Coastal Environmental Risk Index

Town of Warren, RI

## Waste Treatment

100-year storm +2 feet sea level rise



**Structure Risk Index**  
Data provided by RI STORMTOOLS Coastal Environmental Risk Index.

**Water Depth at ground elevation**  
100-year storm + sea level rise inundation depth. Data provided by RI STORMTOOLS Coastal Environmental Risk Index.





- Around 4,800 homes in Rhode Island, valued at nearly \$3 billion, will be underwater by 2100 with six feet of sea level rise.
- Rhode Island is seeing more growth in risk areas than areas safer from sea level rise and flooding.
- Sea level rise will double the number of coastal communities facing “chronic inundations and possible retreat” by 2035.



# Lost Value of Rhode Island Coastal Properties: 2005-2017

## Home values lost to rising sea levels

Although Warren is not among the top five hardest hit communities, Rhode Island's top three hardest hit homes are located there.

### Top 5 homes Lost value

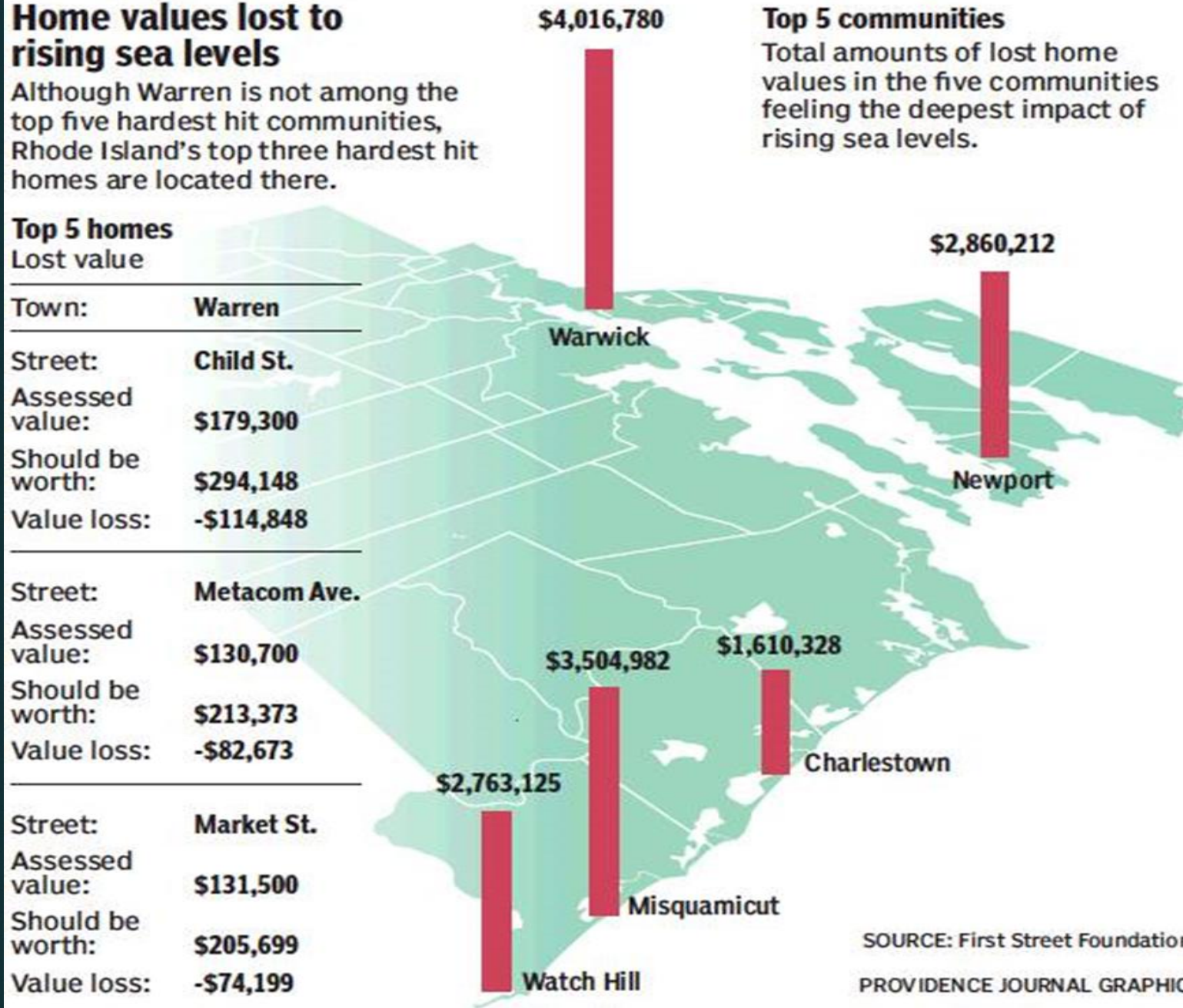
Town:	Warren
Street:	Child St.
Assessed value:	\$179,300
Should be worth:	\$294,148
Value loss:	-\$114,848

Street:	Metacom Ave.
Assessed value:	\$130,700
Should be worth:	\$213,373
Value loss:	-\$82,673

Street:	Market St.
Assessed value:	\$131,500
Should be worth:	\$205,699
Value loss:	-\$74,199

### Top 5 communities

Total amounts of lost home values in the five communities feeling the deepest impact of rising sea levels.







Congressional Budget Office

Nonpartisan Analysis for the U.S. Congress



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BANK OF ENGLAND

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EUROPEAN CENTRAL BANK  
EUROSYSTEM

BlackRock®



[ Union of  
Concerned Scientists  
Science for a Healthy Planet and Safer World

FIRST  
STREET

MOODY'S



Zillow



# Freddie Mac:

Economic losses... likely to be greater in total than those experienced in the housing crisis and Great Recession.



## Risk & Insurance:

A mortgage value collapse that could equal or exceed the mortgage crisis that rocked the global economy in 2008.



# Inflation Reduction Act:

- Clean Energy Tax Credits
  - EV Credits
  - Residential Incentives
- Greenhouse Gas Reduction Fund
- Funding for Coastal States
- Methane Reduction Program





Source: NASA/Shutterstock