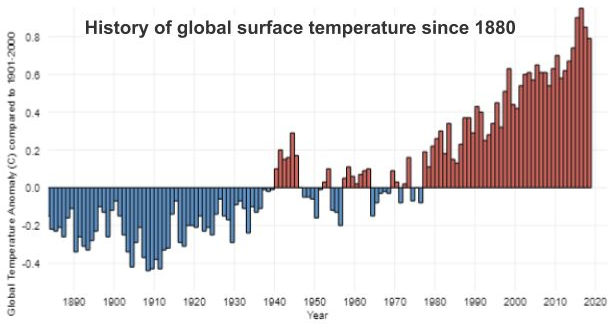
What makes us think the climate is changing?

Evidence Card 1

Historic temperature records show a consistent **rise in global temperature averages** for the past 100 years.



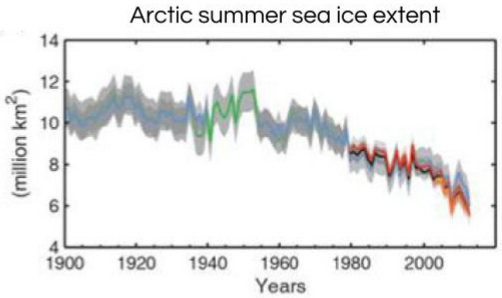
Warmest year on record: 2016

Source: NOAA Climate.gov

What makes us think the climate is changing?

Evidence Card 2

Polar ice, glaciers, and other **land and sea ice masses are in decline**, or getting smaller.

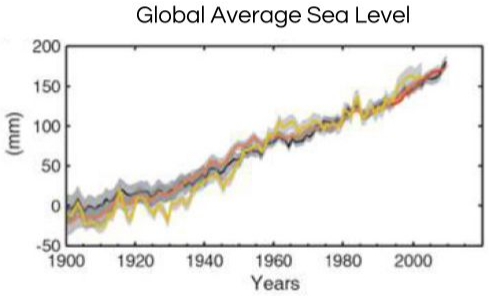


Source: IPCC AR5, Summary for Policymakers (WG1), Fig. SPM.3

What makes us think the climate is changing?

Evidence Card 3

Sea levels are consistently rising as ice caps, permafrost, and land ice melts, and as the warmer ocean water expands.

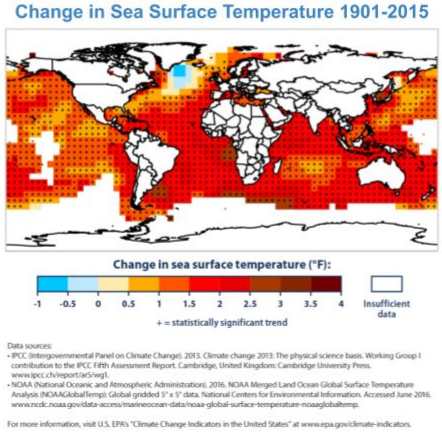


Source: IPCC AR5, Summary for Policymakers (WG1), Fig. SPM.3

What makes us think the climate is changing?

Evidence Card 4

Ocean temperatures are consistently rising.



Source: IPCC AR5, Summary for Policymakers (WG1), Fig. SPM.3