

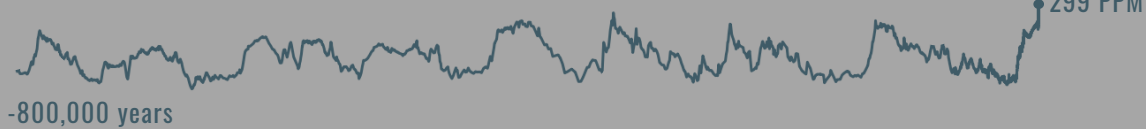
# KNOW THE FACTS ON CLIMATE CHANGE

Carbon Dioxide or CO<sub>2</sub> is a Greenhouse Gas Created by Burning Fossil Fuels  
Greenhouse Gases Trap Heat in the Atmosphere and in the Oceans



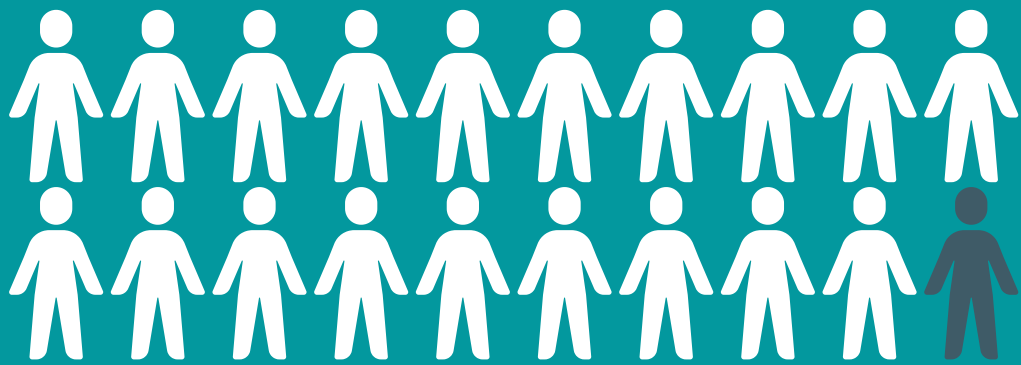
## THE DANGEROUS RISE OF CO<sub>2</sub>

PPM measures parts per million of CO<sub>2</sub> in the atmosphere.  
1958 surpassed an 800,000 year record of 299 PPM.  
2017 exceeded that record by 107 PPM.



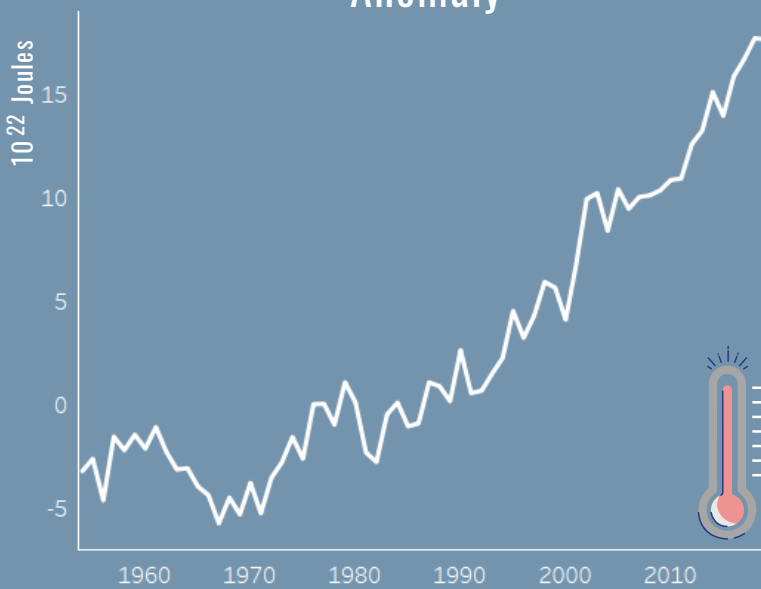
## 95% OF CLIMATE EXPERTS AGREE

A study of peer-reviewed literature written by climate experts concludes that there is consensus on human caused climate change.



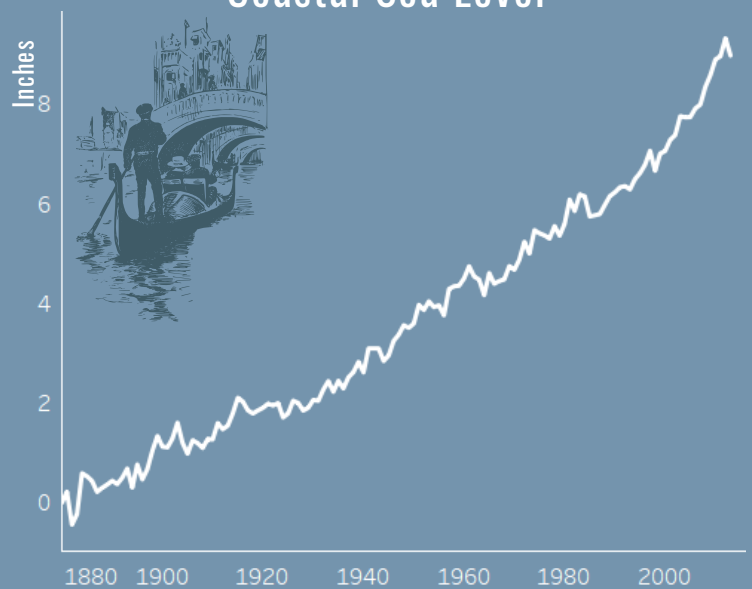
## RISING SEAS AS OCEANS ABSORB HEAT

Average Annual Upper Ocean Heat Anomaly



Increased 20.9-10<sup>22</sup> Joules

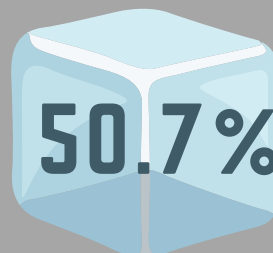
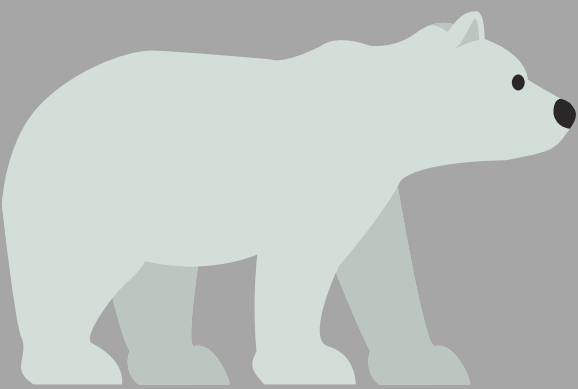
CSIRO Annual Adjusted Average Coastal Sea Level



Increased 9-Inches

## ARCTIC ICE MELTS

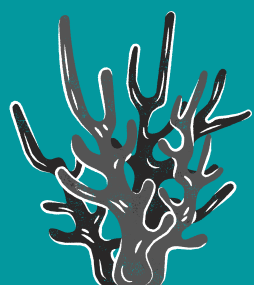
2020 Summer Ice Extent Levels Versus 1980



**50.7% DECREASE**

The result is lost habitat for Arctic species.

## OCEANS 12.7% MORE ACIDIC



Ocean water absorbs CO<sub>2</sub> which increases acidity.  
PH levels dropped by .05 from 1985 to 2018.  
More acidic waters harm coral reefs.



Sources

EPA - European Environment Agency - IOPScience  
NOAA - NSIDC - Our World In Data

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DSC 640