

# The Destruction of Sea Level Rise

## The Cause



MELTING ICE

Due to Climate Change and the melting of polar ice caps in the last century, the sea level has been rising at an alarming rate.



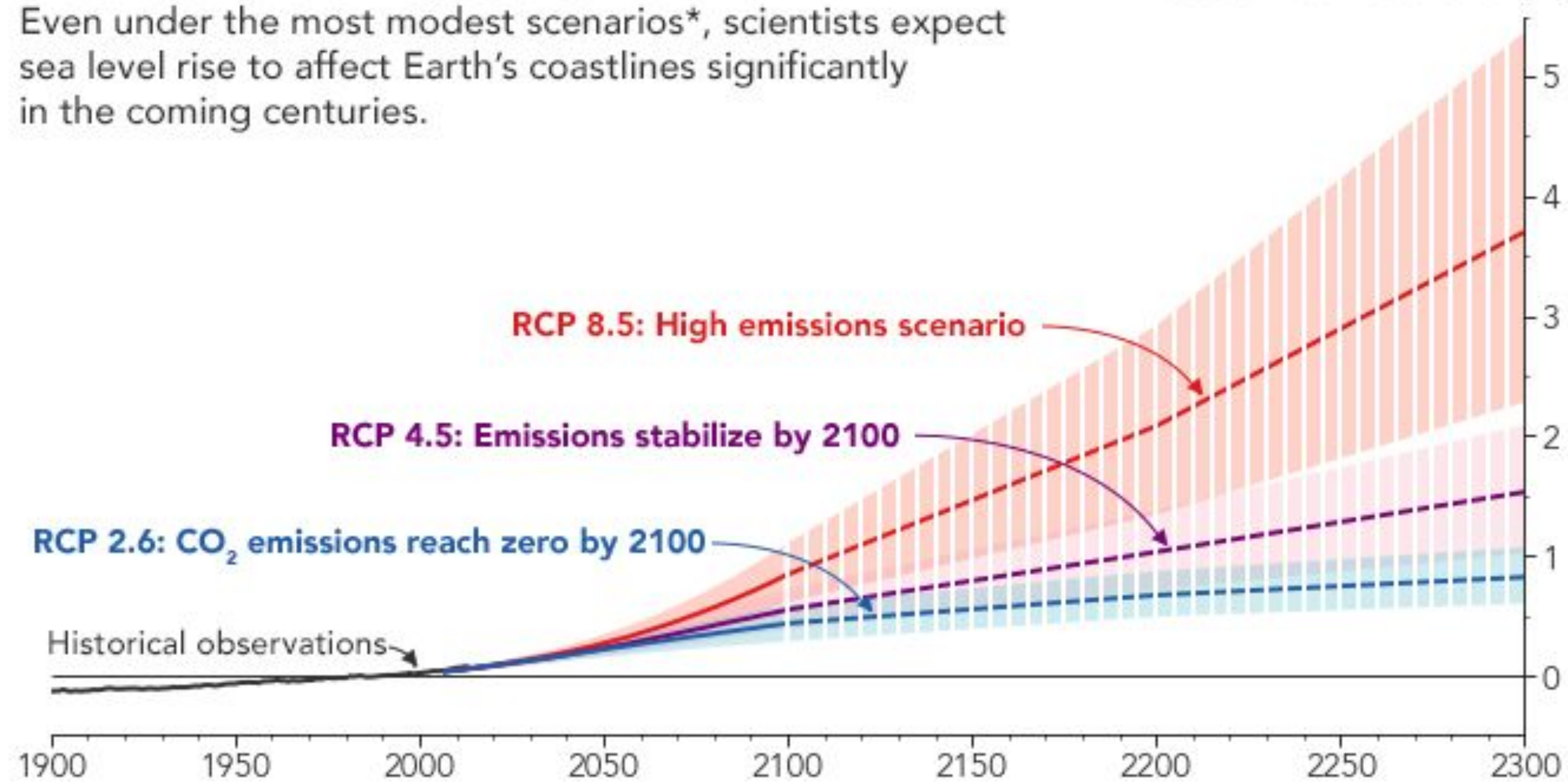
SEA LEVEL RISE

## The Effects

### Global Sea Level is Projected to Rise

Even under the most modest scenarios\*, scientists expect sea level rise to affect Earth's coastlines significantly in the coming centuries.

Global Mean Sea Level (m)



\*Scientists use **Representative Concentration Pathways (RCPs)** to calculate future projections based on near-term emissions strategies and their expected outcomes in the future. The RCP values refer to the amount of radiative forcing (in W/m<sup>2</sup>) in the year 2100.



MIGRATION

By the year 2100, **200 million** people will live below sea level. That's **2/3** of the U.S. population!

Side effects of sea level rise include **Urbanization, Migration, and Economic Downfall**



URBANIZATION

The Earth global temperature is on track to rise by 2 °C, which will result in at least **6 feet** of sea level rise.