





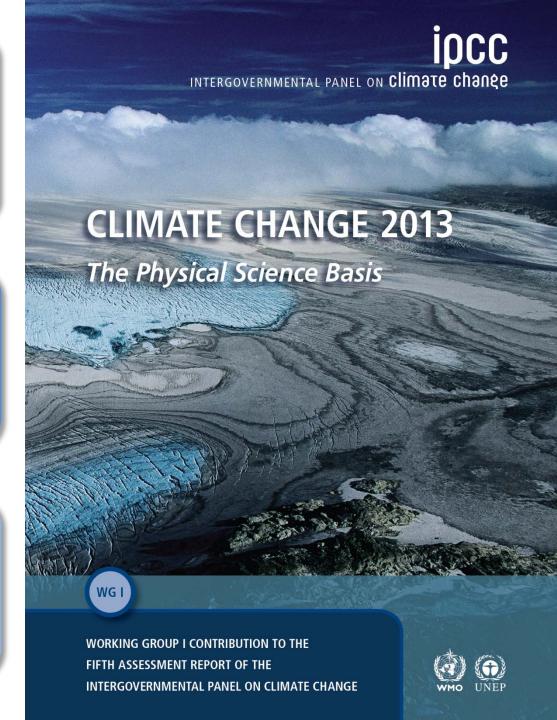
Key SPM Messages

19 Headlines

on less than 2 pages

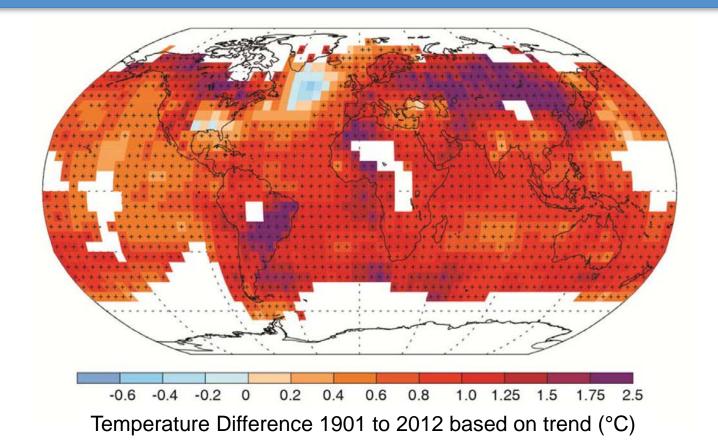
Summary for Policymakers
14,000 Words

14 Chapters & Atlas
1,100,000 Words



IPCC Assessment Reports (2008–2014)

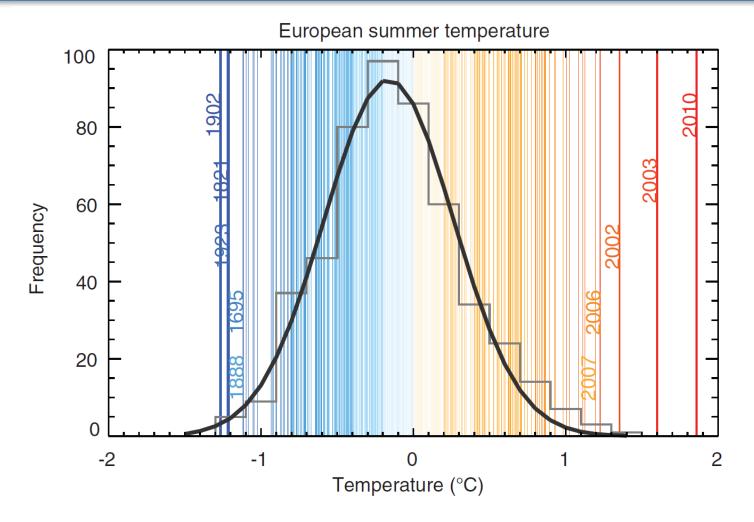




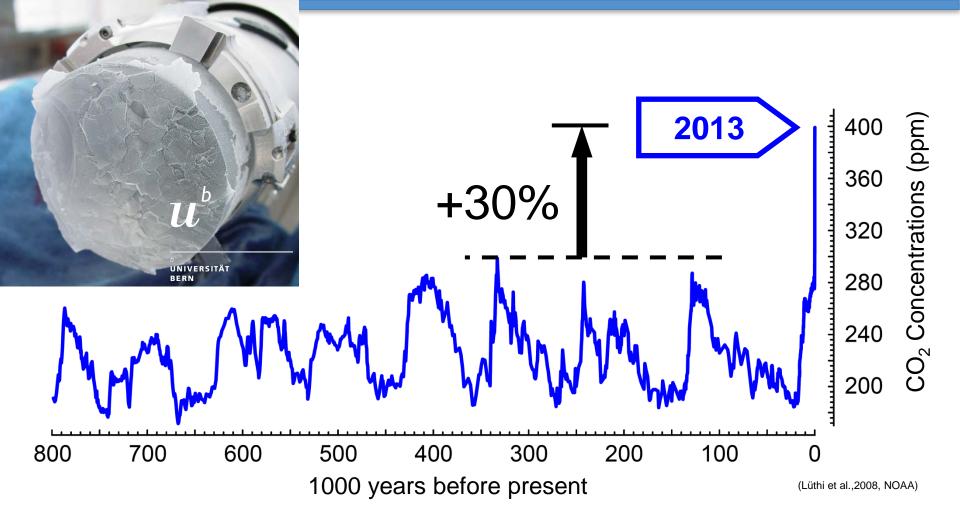
Warming of the climate system is unequivocal



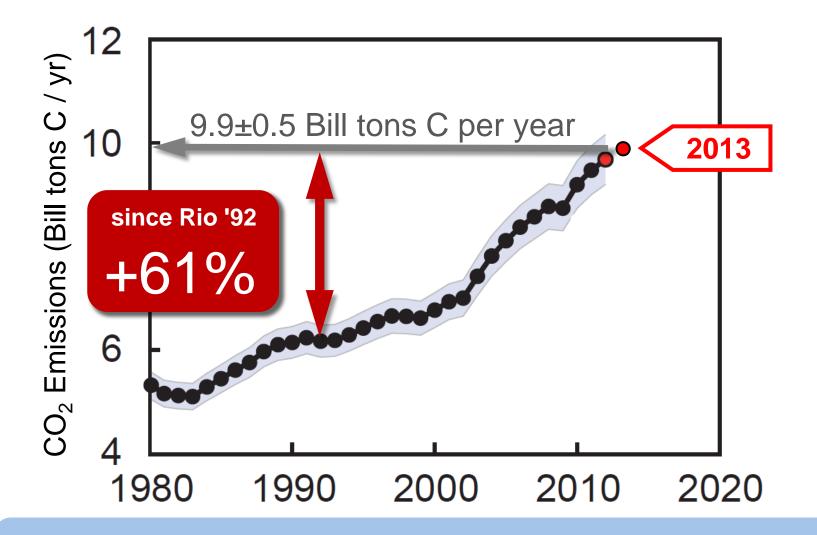




The five hottest summers in Europe occurred after 2001, the five coldest before 1924.



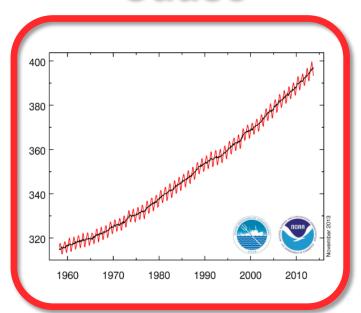
The concentrations of CO₂ have increased to levels unprecedented in at least the last 800,000 years.



CO₂ emissions by human activity are unprecedented

Worldwide Effects





atmosphere, land, ocean

extreme events

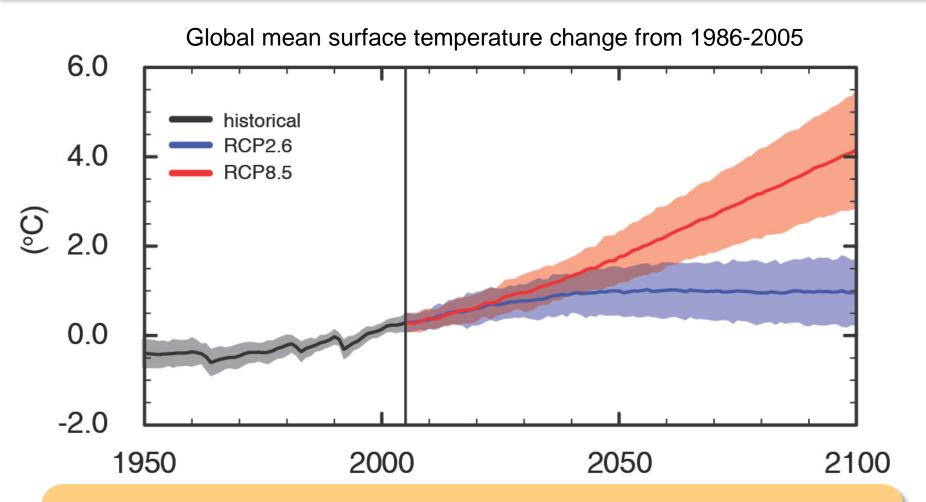
water cycle

sea ice, glaciers, ice sheets

global mean sea level

Human influence on the climate system is clear.



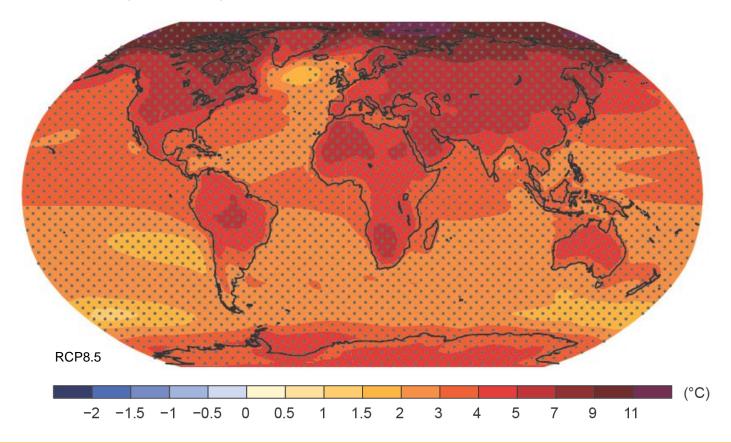


Continued emissions will cause further warming and changes in all components of the climate system.





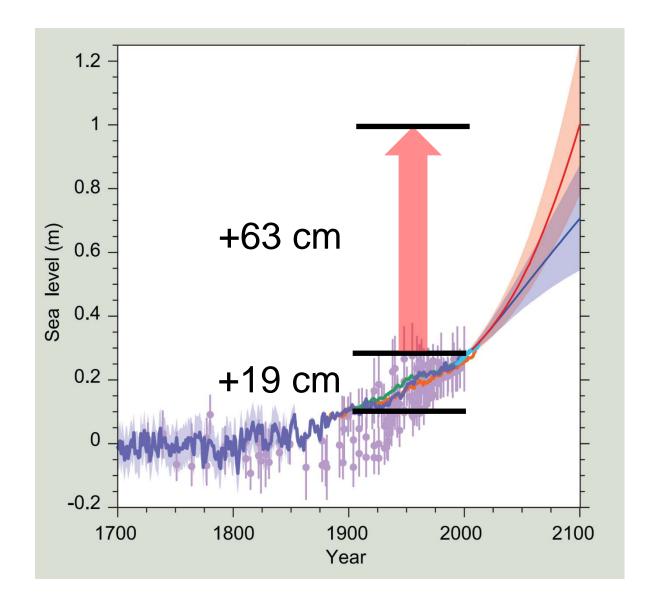
Change in average surface temperature (1986-2005 to 2081-2100)



Continued emissions will cause further warming and changes in all components of the climate system.











Global mean warming



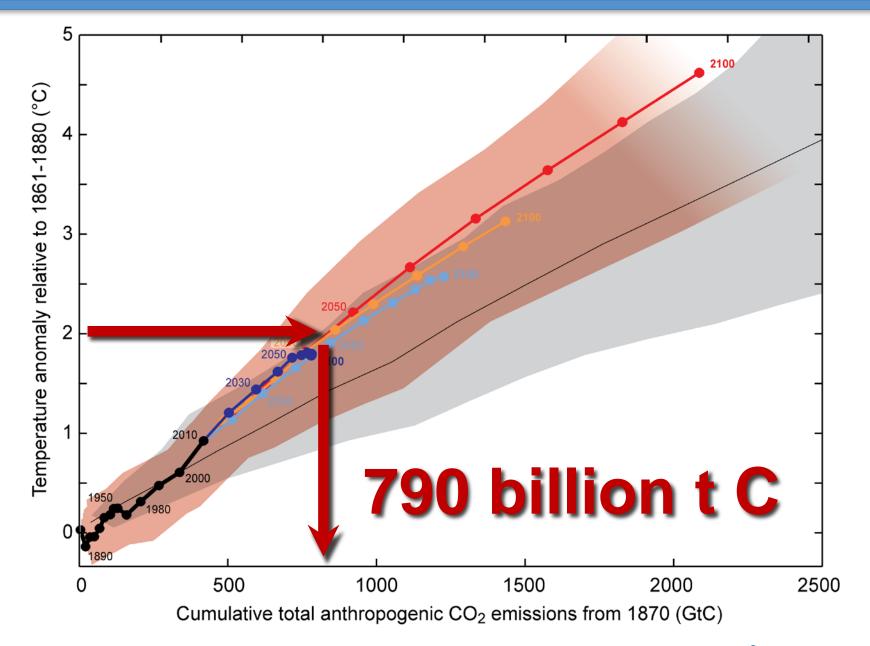
All CO₂ emissions since 1750

Warming of 0.8 to 2.5°C





1000 billion tons of carbon







Budget for the 2°C target: 790 bill t C

CO₂ emissions until 2013*: -535 bill t C

Remaining emissions: 255 bill t C

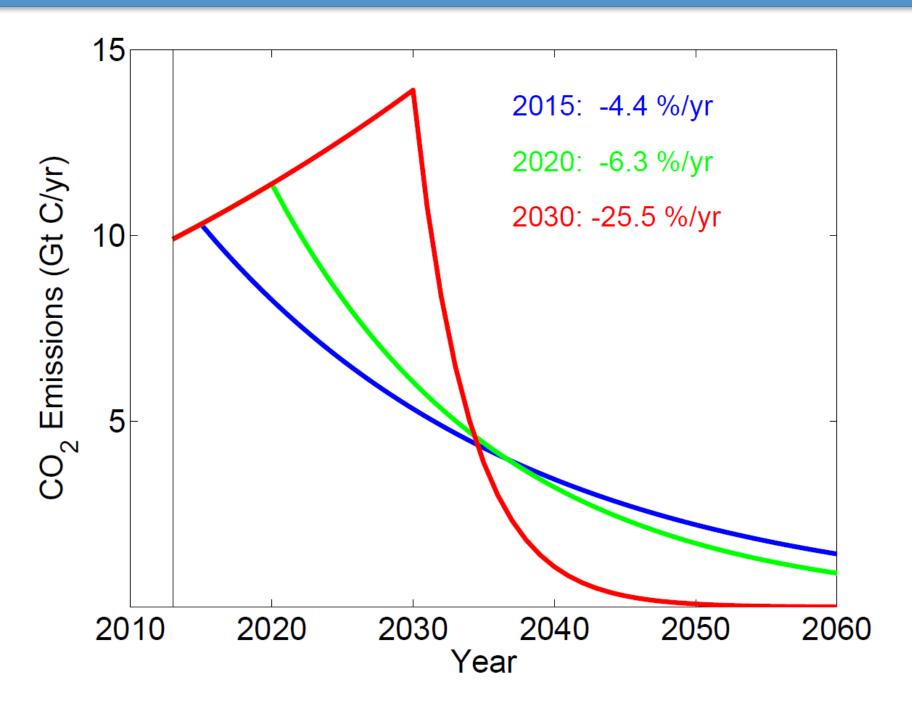
CO₂ emissions in 2013*: 9.9 bill t C

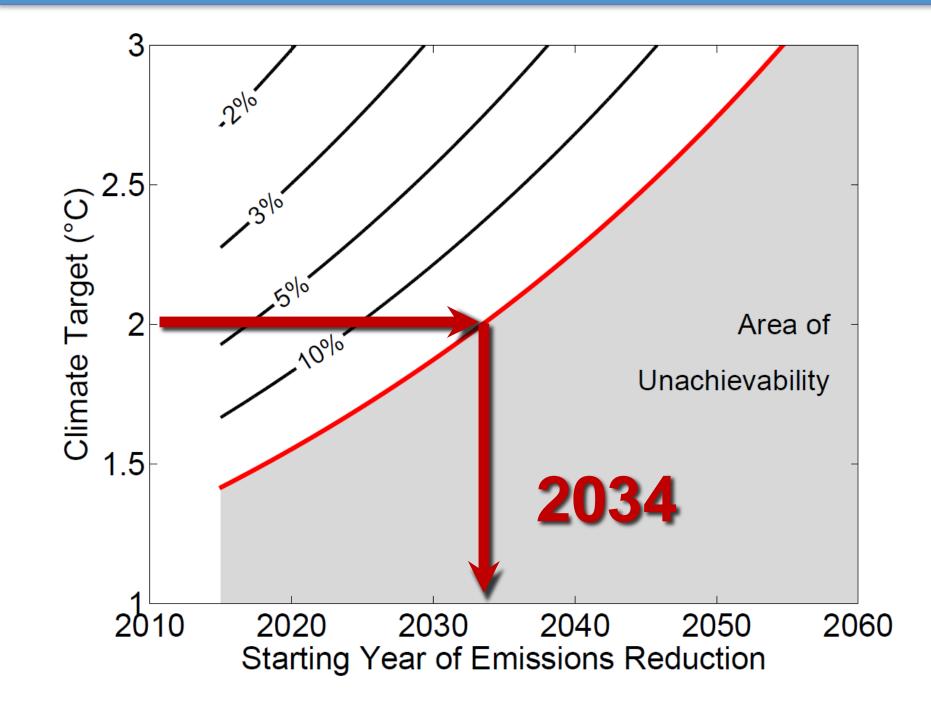
Limiting climate change will require substantial and sustained reductions of greenhouse gas emissions.

* updated from IPCC 2013, WGI SPM



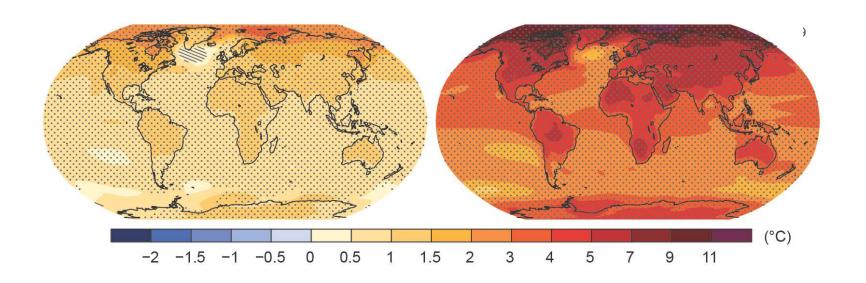


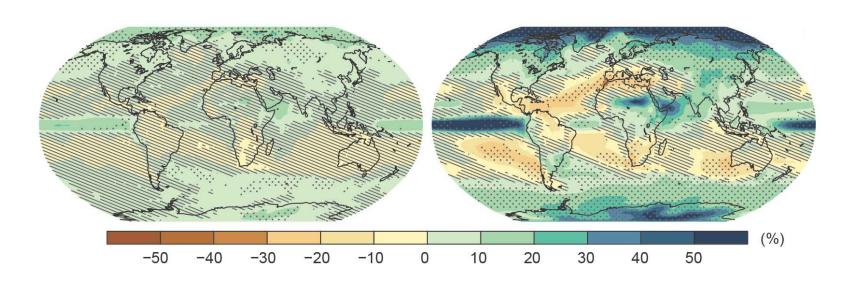


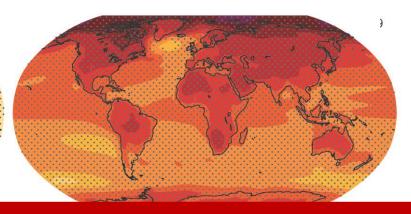


2°C world

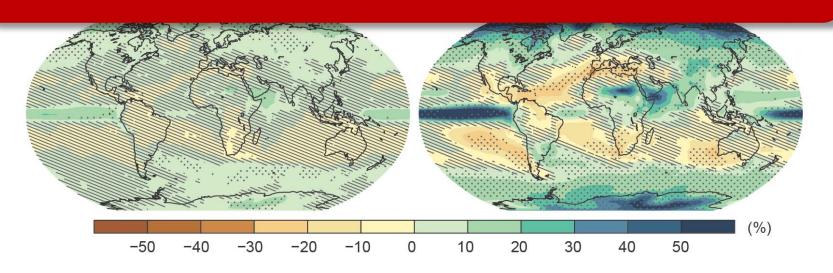
4.5°C world







Today we have a choice.



IPCC 2013, Fig. SPM.8