

IPCC Fifth Assessment Report Synthesis Report

The IPCC Synthesis Report

Integration of three Working Group Reports of the 5th
Assessment, 2013-2014

• WG I: The Physical Science Basis

WGII: Impacts, Adaptation and Vulnerability

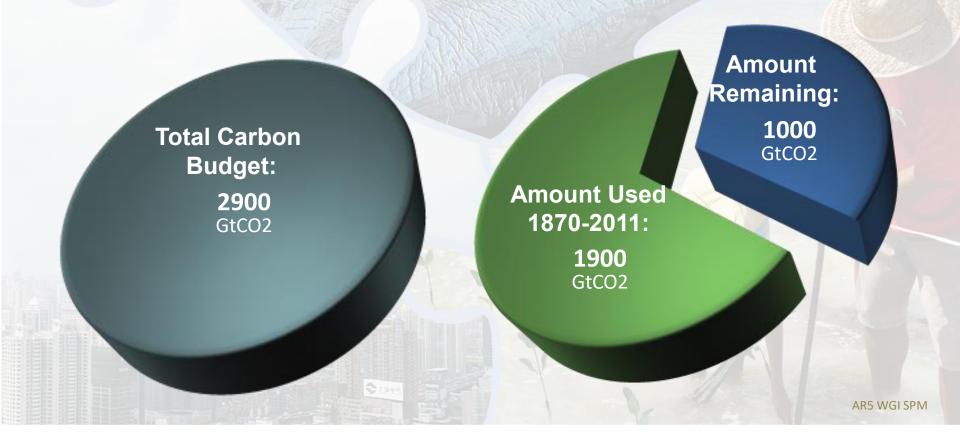
WG III: Mitigation of Climate Change





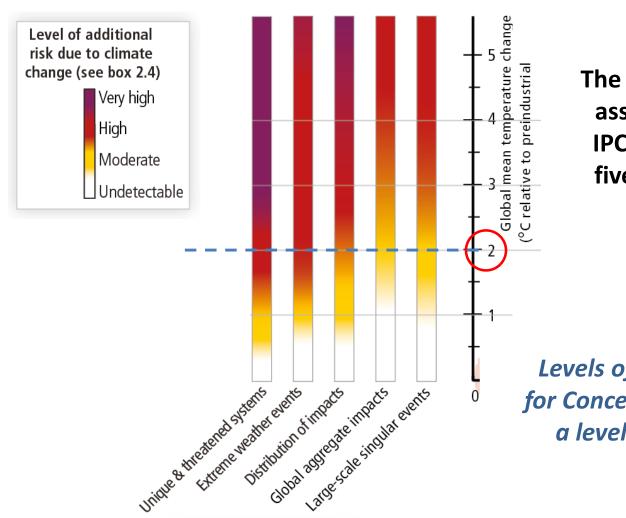
The window for action is rapidly closing

65% of our carbon budget compatible with a 2°C goal already used





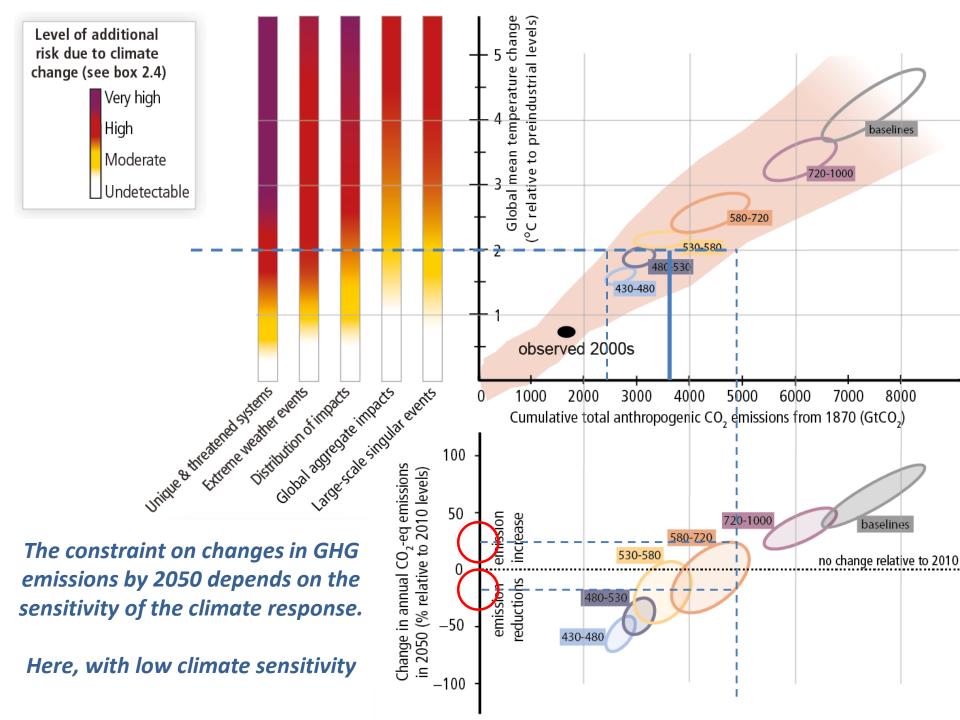




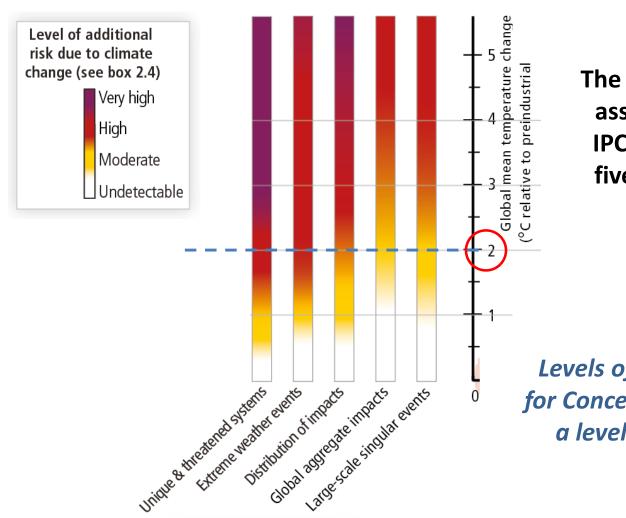
The risks from climate change, assessed by the WGII of the IPCC AR5, and aggregated in five "Reasons for Concerns"

Levels of risk across the Reasons for Concern can be associated with a level of global temperature change.

Here shown for a warming by 2°C



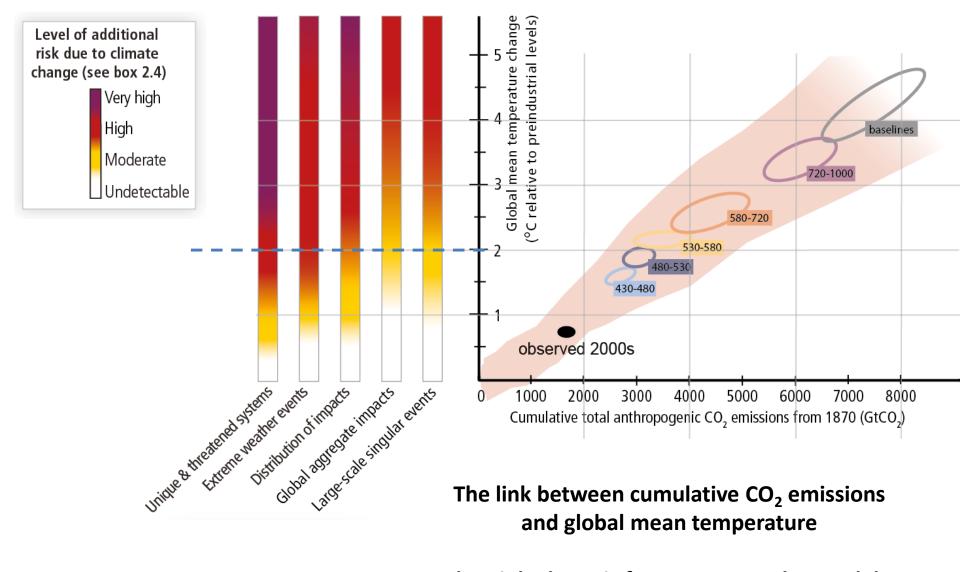
DETAILS



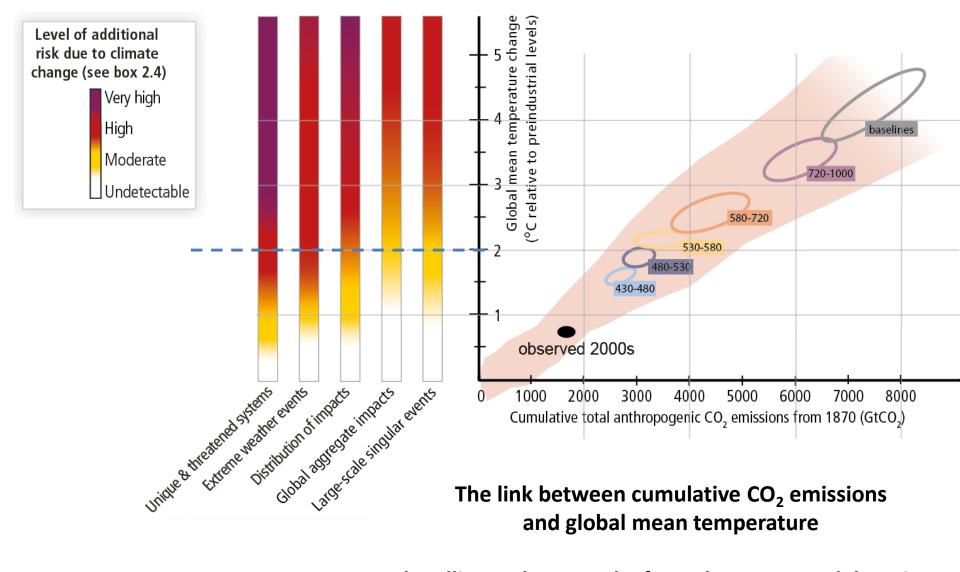
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The pink plume is from WGI complex models. It includes the uncertainty from non-CO₂ gases and climate and carbon cycle uncertainty, using the likely range



The ellipses show results from the WGIII models, using a simple climate model. It does not include climate and carbon cycle uncertainty, but explores more comprehensively the scenario uncertainty from a range of CO2 and non-CO₂ pathways

