Climate change: A global perspective on the Paris conference

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Continued emissions of greenhouse gases will cause further warming and changes in all components of the climate system. Limiting climate change will require substantial and sustained reductions of greenhouse gas emissions.’ (IPCC 2013)
Stabilization of atmospheric concentrations requires moving away from the baseline – regardless of the mitigation goal.
Some emission reduction targets from INDCs

CCA: -30% below 2000 levels by 2030, -40% to -60% below 2000 levels by 2030
Aust govt: -26% to -28% below 2005 levels by 2030

From CCA (2015)
How far are the INDCs from keeping warming below 2°C?
Key Messages

→ Human influence on the climate system is clear

→ The more we disrupt our climate, the more we risk severe, pervasive and irreversible impacts

→ We have the means to limit climate change and build a more prosperous, sustainable future