

Climate change the science, the impacts, the urgency

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https://climate.nasa.gov/news/2535/satellite-data-confirm-annual-carbon-dioxide-minimum-above-400-ppm/



http://www.climatecentral.org/news/temperature-plateau-is-likely-due-to-warming-of-deep-oceans-16280





https://timescavengers.blog/climate-change/co2-past-present-future/











JS3



JS3 Do you have an Antarctic image that doesn't look stretched? James Spencer, 18/06/2018



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AVOIDING THE IMPACTS OF DANGEROUS CLIMATE CHANGE

SELECTED GLOBAL CLIMATE IMPACTS IN 2100⁴



 Footnotes: The scenarios used are:
 3. Strong further

 1. No mitigation: RCP8.5
 INDC pledges to reductions in graduated at INDC level: INDC pledges

 to 2030 and no backtracking
 meet 2°C by 210

3. Strong further action to meet 2°C target: INDC pledges to 2030, with further large reductions in greenhouse gas emissions to meet 2°C by 2100 4. Relative to a scenario with no climate change

The temperatures displayed here represent median values for each scenario. Water stress and cropland availability will also be affected by land use decisions e.g. concerning biofuels.

For more information, please vis



WHAT WILL IT TAKE TO ACHIEVE $2^{\circ}C$?

Delaying action to 2030 will increase the costs of decarbonisation. It will also mean we will need to introduce new technologies more quickly.







