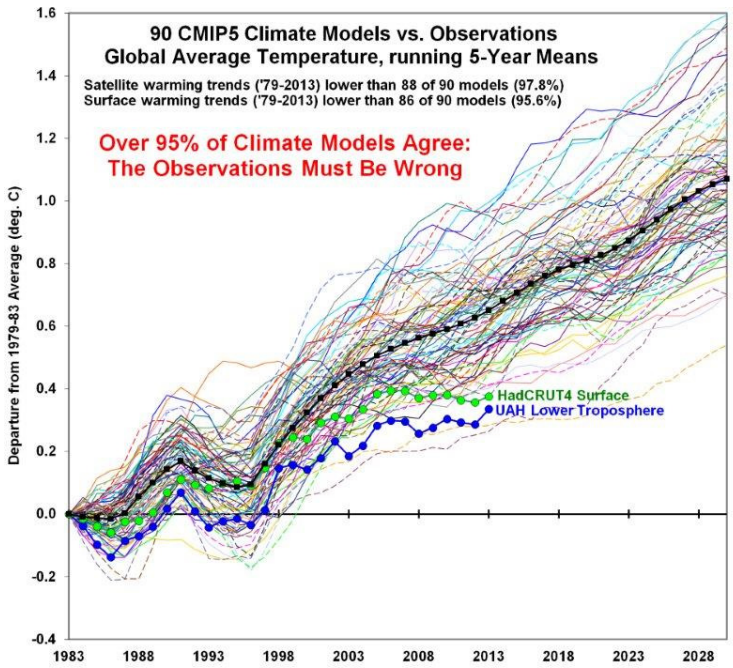
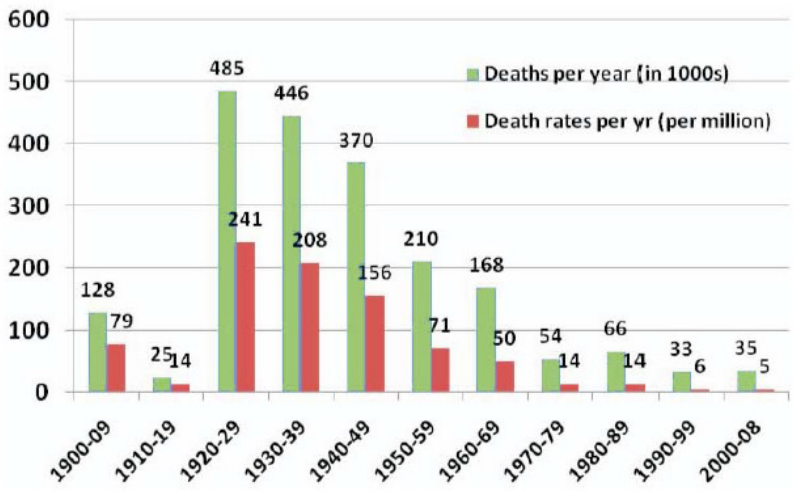
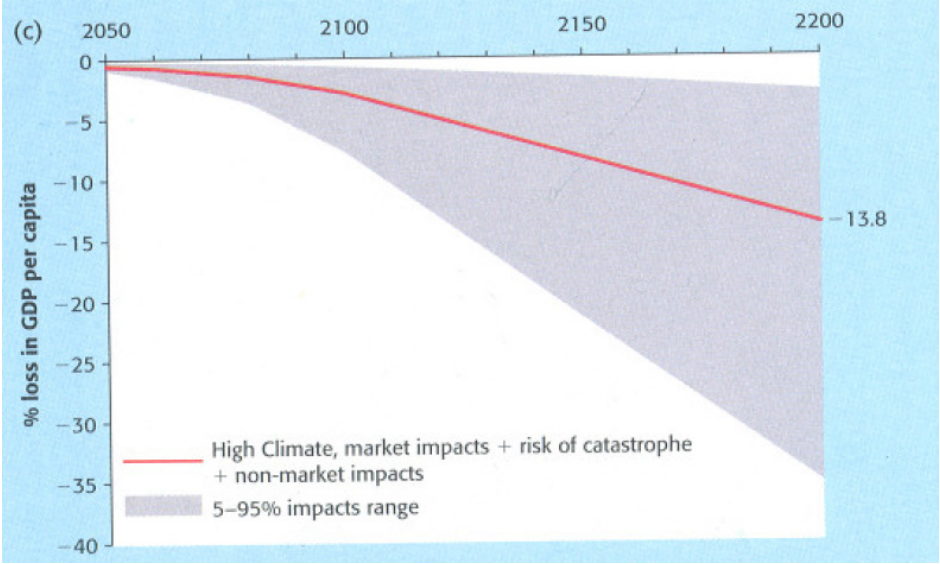




Global Death and Death Rates Due to Extreme Weather Events, 1900-2008

Source: "Deaths and Death Rates from Extreme Weather Events: 1900-2008, I.M.Goklany



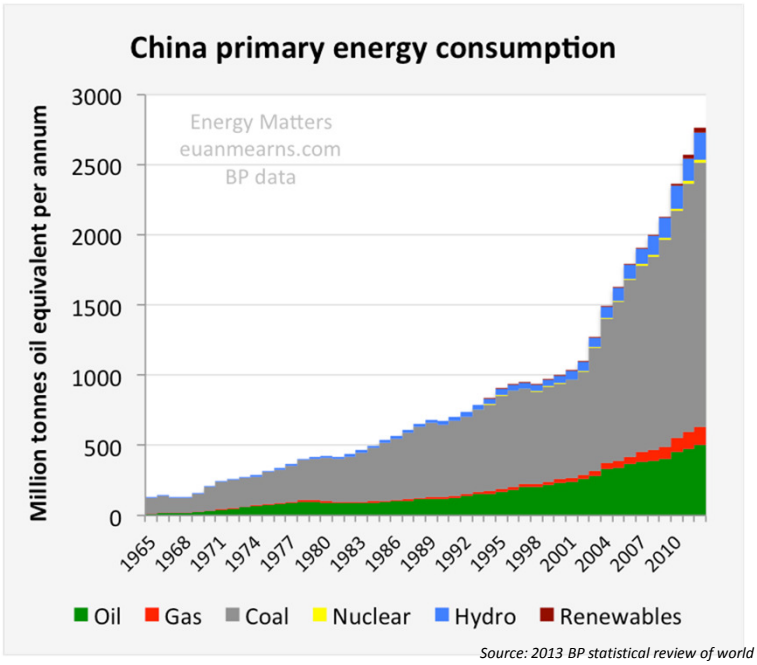
Source: The Economics of Climate Change, The Stern Review

Table 1: Stern's Estimate of the Worst Cost of Global Warming

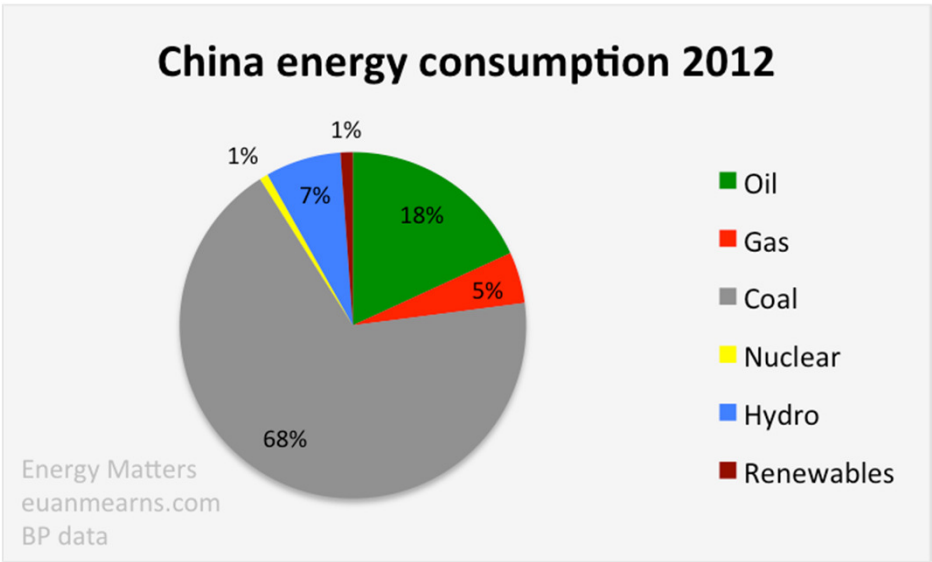
Scenario A2 adjusting for Stern Review's highest 95th percentile estimate of costs of climate change assuming High Climate, market impacts, risk of catastrophes, non-market impacts (health, environmental, species loss etc).

			Scenario A2	
	1990	2006	2100	2200
Developing Countries				
GDP per capita, no global warming	$900	$1,500	$11,000	$49,000
Max cost of climate change	0	0	$800	$17,200
Net welfare per capita, with global warming	**$900**	**$1,500**	**$10,200**	**$31,800**
Industrialised countries				
GDP per capita, no global warming	$13,700	$19,300	$46,200	$117,000
Max cost of climate change	0	0	$3,500	$41,000
Net welfare per capita, with global warming	**$13,700**	**$19,300**	**$42,700**	**$76,000**
World total				
GPD per capita, no global warming	$3,800	$5,100	$16,100	$58,600
Max cost of climate change	0	0	$1,200	$20,500
Net welfare per capita, with global warming	**$3,800**	**$5,100**	**$14,900**	**$38,100**

Sources: IPCC Special Report Emission Scenario, Stern Review

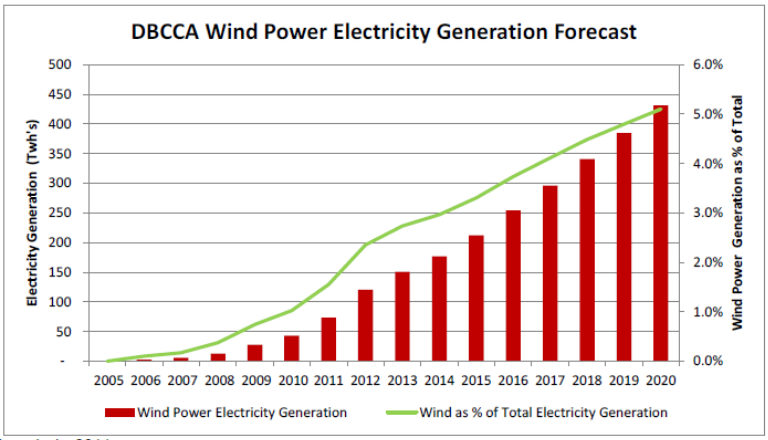


Source: 2013 BP statistical review of world energy



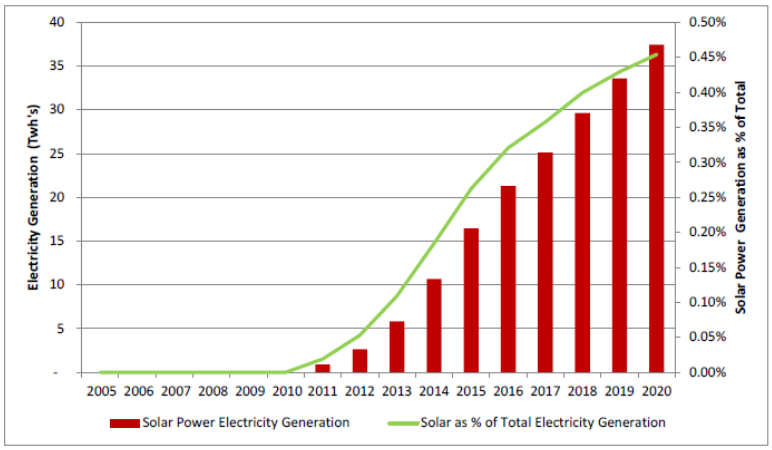
Source: 2013 BP statistical review of world energy

DBCCA Base Case Wind Power Electricity Production Through 2020



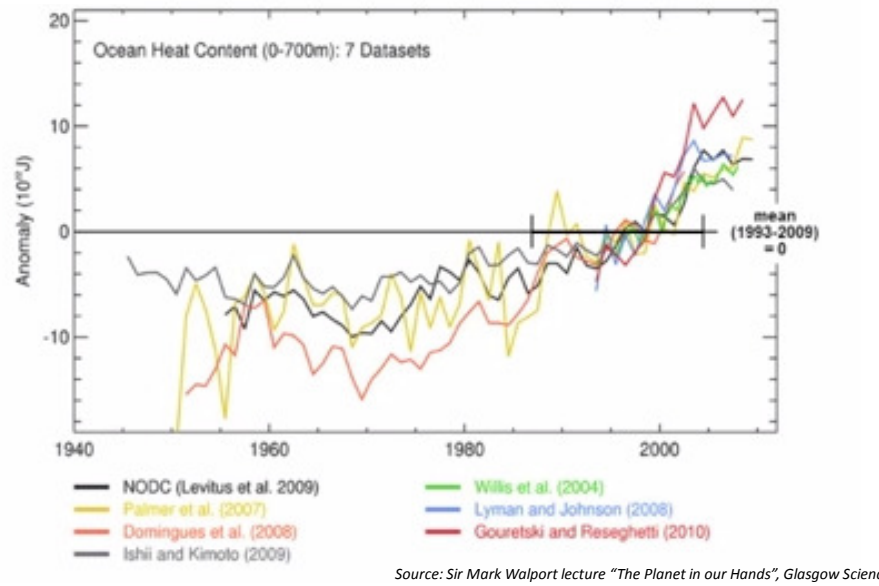
Source: DBCCA analysis, 2011.

DBCCA Solar Power Electricity Production Through 2020



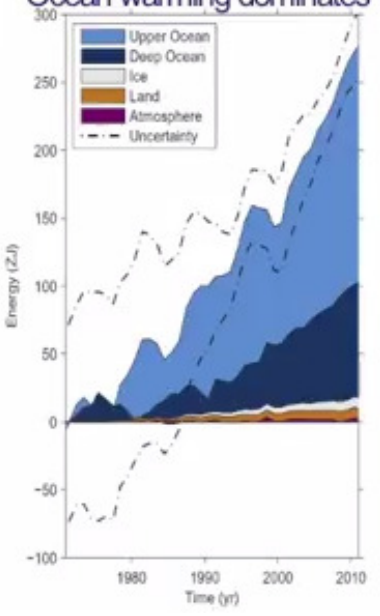
Source: DBCCA analysis, 2011.

….ocean heat content is rising



Source: Sir Mark Walport lecture "The Planet in our Hands", Glasgow Science Centre, 14th March 2014

Ocean warming dominates the total warming of the globe

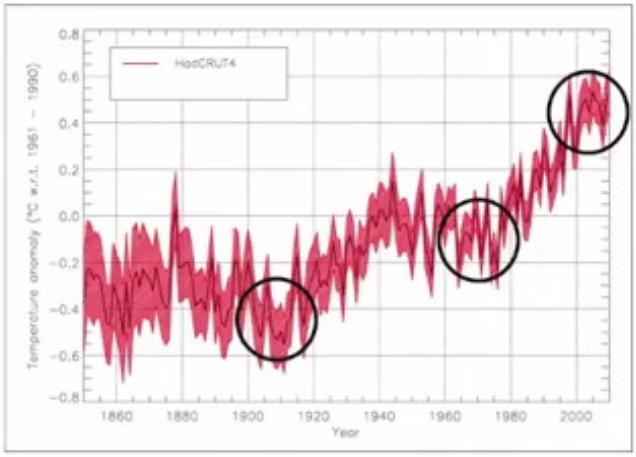


Plot of energy accumulation in ZJ (1 ZJ = 10^{21}J) within distinct components of Earth's climate system (IPCC, 2013)

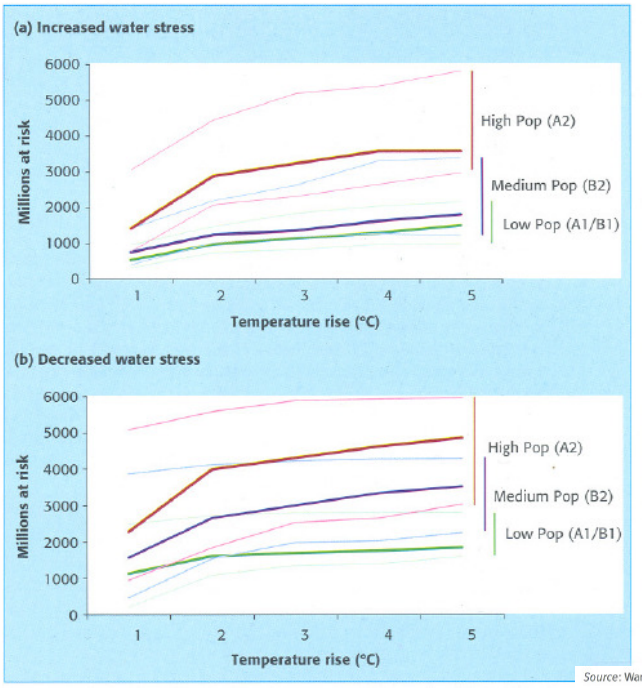
Has global warming stopped?

Not unusual to have periods of little or no warming, other such periods can be seen in the instrumental record

Current global average temperatures are still at record levels



Source: Met Office Hadley Centre (2013)



Changes in millions at risk of water stress with increasing global temperature

Source: Warren *et al.* (2006) analysing data from Arnell (2004)