

'GLOBAL WARMING' IS NO GLOBAL CRISIS

Major talking points



by Christopher Monckton



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✚ The warming effect of greenhouse gases is less than one-tenth the UN's central estimate.

Spencer *et al.* (2008, cloud albedo); Douglass (2008, tropical mid-troposphere temperature change); Lindzen & Choi (2009 in press, outgoing long-wave radiation); and Armstrong, Green & Soon (2009 in press, zero-change benchmarking of climate forecasts) empirically confirm theoretical demonstrations (Schwartz, 2007; Monckton, 2008; Monckton & Evans, 2009 in draft) that climate sensitivity – the warming effect of *all* greenhouse gases, not just of CO₂ – is *less than one-fourth* of the UN's current central estimate. A CO₂ doubling would cause just 1.5 F° warming, not the 5.9 F° imagined by the UN.

✚ 'Global warming' is nothing new.

It was 10 F° warmer than today in each of the past four interglacial periods; 2-3 F° warmer for most of the past 10,000 years; warmer in the Minoan, medieval, and Roman warm periods. The *rate* of warming is nothing new either: the warming rate equivalent to 2.9 F°/century from 1975-1998, when humankind *might* have had a *small* influence, was exactly the same as the warming rates from 1860-1880 and from 1910-1940 (House of Lords Written Answer, 2009).

✚ There has been no statistically-significant 'global warming' for almost 15 years.

In fact, for almost eight years, on all measures, there has been *global cooling* at 3.4 F°/century. Oceans have also been cooling ever since 3300 automated bathythermographs were deployed in 2005. The ocean cooling definitively proves the UN wrong about "global warming": if there were any, 80% of it would *have* to show up in the top 400 fathoms of the world's oceans, but *it is not happening*. It follows that *all* recent reports that "global warming" has caused adverse weather events must be incorrect, because there has not been any. The UN's central estimate, on its "business-as-usual" scenario, is for 6 F° warming in the 21st century, but in the 30 years since accurate satellite temperatures became available in 1980 the warming rate has averaged just 2.7 F°/century – less than half the UN's prediction.

✚ CO₂ concentration is rising at less than half the UN's predicted rate.

The UN's central estimate is that CO₂ concentration will grow exponentially to reach 836 parts per million by volume this century, but in fact it is growing linearly towards just 575 ppm. This factor alone demands a halving of all UN temperature predictions. Methane concentration stopped rising in 2000 and has hardly changed since.

✚ Contrary to reports, the climate is doing just fine.

Global Sea-ice Extent	A steady heartbeat for 30 years.
Arctic Sea Ice	Normal in winter, down a little in recent summers, but well within natural variability.
Arctic Temperature	Warmer in the 1930s and early 1940s than today.
North-West Passage	Amundsen sailed through it in 1903. It was also open in the mid-1940s.
Greenland	Mean ice-sheet thickness grew by 2 in/yr from 1993-2003 (Johannessen et al., 2005).
Polar Bears	Population up fivefold since the 1940s.
Antarctic Sea Ice	Growing for 30 years.
Antarctic Temperature	Little change in 50 years.
Antarctic Peninsula	Ice-shelves about 1/55 the area of Texas have gone, but were not there in the Middle Ages.
Sahara Desert	Greening so fast that 300,000 km ² has become vegetated, allowing nomadic tribes to settle where they haven't been seen in living memory.
Droughts and Floods	Variable as usual.
Hurricanes and Other Tropical Cyclones	Lowest activity for 30 years.
Sea Level	Rising at 1 ft/century since satellite measurements began in 1993, compared with average 4 ft/century over the past 10,000 years. No sea-level rise in the last three years.
UN High-end Forecast	Slashed from 3ft to <2ft sea-level rise by 2100: UN best current estimate 1 ft 5 in.
Bangladesh	Has gained 70,000 km ² land area confounding UN sea-level forecasts.
Pacific Atolls	Not at risk: corals can grow towards the light at 10x the rate of sea-level rise, which is why so many atolls are just above sea level.
Maldives	No sea-level rise in 1250 years (Morner, 2004).

✚ Ocean acidification is a scientific impossibility.

Henry's Law mandates that warming oceans will outgas CO₂ to the atmosphere (as the UN's own documents predict it will), making the oceans *less* acid. Also, more CO₂ would increase calcification rates. No comprehensive, reliable measurement of worldwide oceanic acid/base balance has ever been carried out: therefore, there is no observational basis for the computer models' guess that acidification of 0.1 pH units has occurred in recent decades.

✚ There is no economic case for costly measures to mitigate greenhouse-gas emissions.

To prevent 1 F° of warming, 1-10 *trillion* tons of CO₂ emission would have to be foregone – the equivalent of shutting down the *entire* US economy for 170-1700 years. The Waxman/Markey Climate Bill would cost \$160 billion/year (White House estimate) and, even if implemented fully, would cool the climate by just 0.0005-0.005 F°/yr. Secretary Chu's grand plan to paint the world white would cool the climate 0.2 F° at the very most, at a cost of \$200 *trillion*.

✚ Overtaxing & overregulating US fossil-fuel industries would increase the world carbon footprint.

Not that the carbon footprint matters (see point 1). However, if the US kills its own fossil-fuel industry, US corporations and jobs will move to China and other third-world economies, where carbon emissions per unit of output are higher than in the US. China and India will *not* be cutting their emissions.



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