

Summary of anti-greenhouse CO₂ evidence from NOAA, Spencer, et al., proving that negative feedback from H₂O, which evaporates from the ocean and rises to increase “natural” cloud cover (global dimming) due to the buoyancy of sunlight-warmed humid air, totally cancels out the CO₂ AGW “greenhouse effect”

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Abstract

The IPCC “positive feedback” models falsely assume that all water vapour amplifies temperature rises from CO₂ by a factor of 2 (instead of cancelling them out), which amounts to falsely claiming the extra sunlight-heated water vapour evaporating from oceans contravenes the law of buoyancy and *doesn't rise to form sunlight-reflecting condensed water droplet clouds, which cool the surface underneath*. It's complete pseudo-physics:

1. the climategate temperature record fiddling (tree ring growth data depending on factors other than air temperature), which James Delingpole has already shown the public,
2. NOAA data shows humidity falling from 1948-2009, cancelling out the equivalent greenhouse emission of CO₂ (sunlight *absorbing* humidity is being transformed into sunlight *reflecting* condensed water, cloud droplets, which cool the earth by increasing its albedo),
3. Dr Roy Spencer's satellite derived peer-reviewed and published evidence that an initial heating over oceans (which cover 71% of the globe) increases cloud cover, causing a negative feedback to set in, and
4. satellite derived global temperature data after 1980 are explicitly biased because 62% of the surface is currently under cloud cover and the satellites cannot measure surface temperatures under cloud cover, so they explicitly omit the negative-feedback mechanism from the cloud cover. The main source of temperature rises has therefore been faked data.

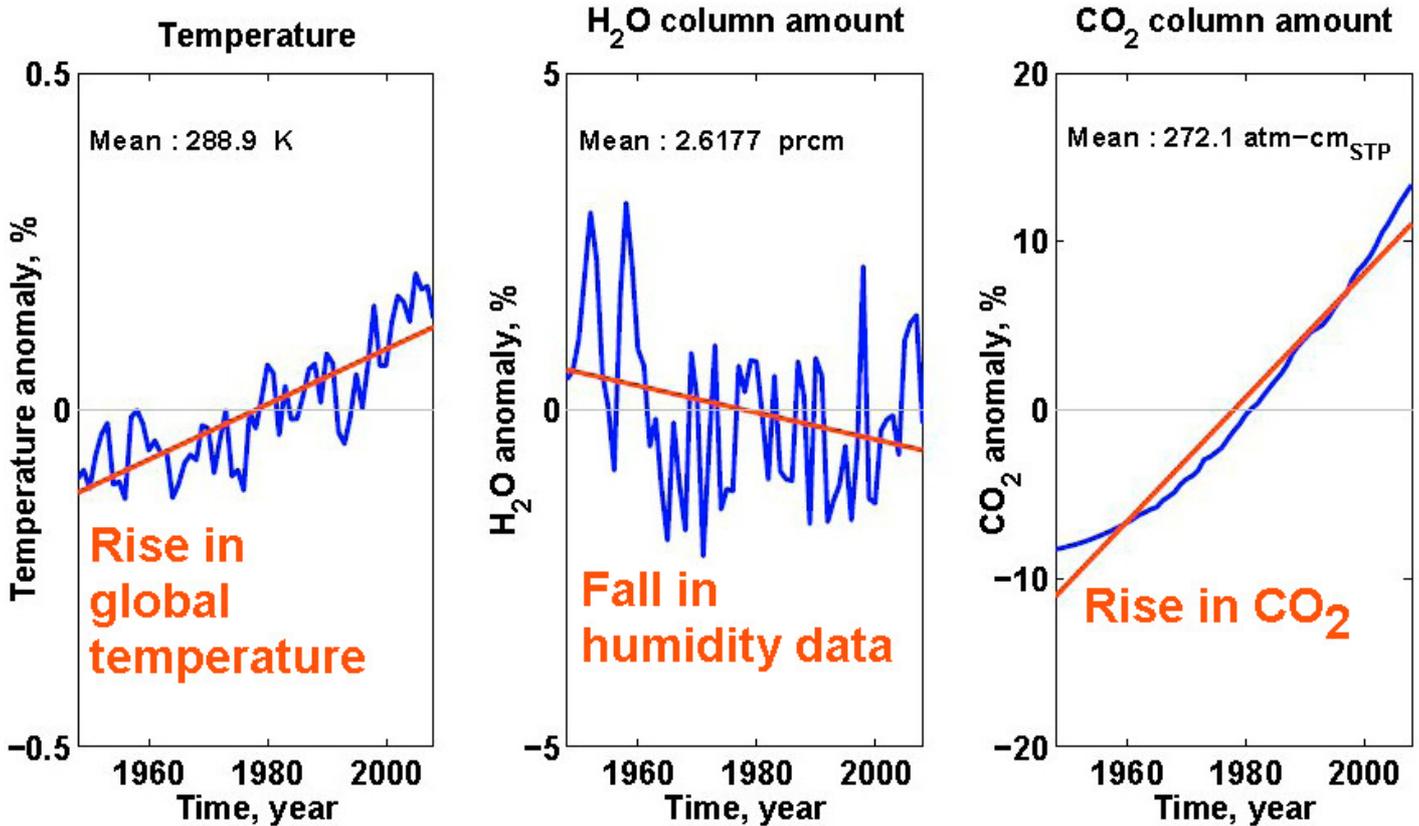
Earlier temperature data before 1980s was literally polluted by upwind cities and factories, while before 1960s the data is based on tree-ring proxies for temperature which are completely anti-science because we all know that tree growth depends on sunlight, rainfall, wind, etc., not just on air temperature. Spencer's research shows that temperature rises in the tropics are followed by cloud cover increases (from evaporation) which reflect sunlight back to space and cool the atmosphere. The total atmospheric column (surface to top of atmosphere) mean humidity data from NOAA records for 1948-2009, is given in Fig. 1, which shows that 1% fall in H₂O in the vapour (sunlight absorbing) over 61 years cancelled out the 25% rise in CO₂ (since H₂O is a greenhouse gas about 30 times stronger than CO₂).

Introduction

CO₂ global warming produces a small temperature rise in top 50 metres of the oceans (above the thermocline), which increases evaporation slightly, and the warmed moist air then rises to form extra clouds, cancelling out further temperature rises (negative feedback by H₂O against CO₂). CO₂ cannot vary temperature because its “greenhouse” effect in the real world (lacking the glass ceiling of a greenhouse) is cancelled out by a perfectly natural feedback mechanism, the rising of buoyant hot moist air, forming clouds. Moist warm air rises, expands, and condenses into increased cloud cover. This is the “anti-greenhouse effect”. At present, 62% of earth's surface is masked by cloud cover, with an average altitude of approximately 2 km, but cloud cover increases with CO₂, stabilizing the climate and causing statistical errors in satellite derived temperature data. Today's climate models ignore the proper physical mechanism dynamics of hot moist air rising, carrying H₂O from oceans upwards to expand and condense into sunlight-reflecting cloud cover.

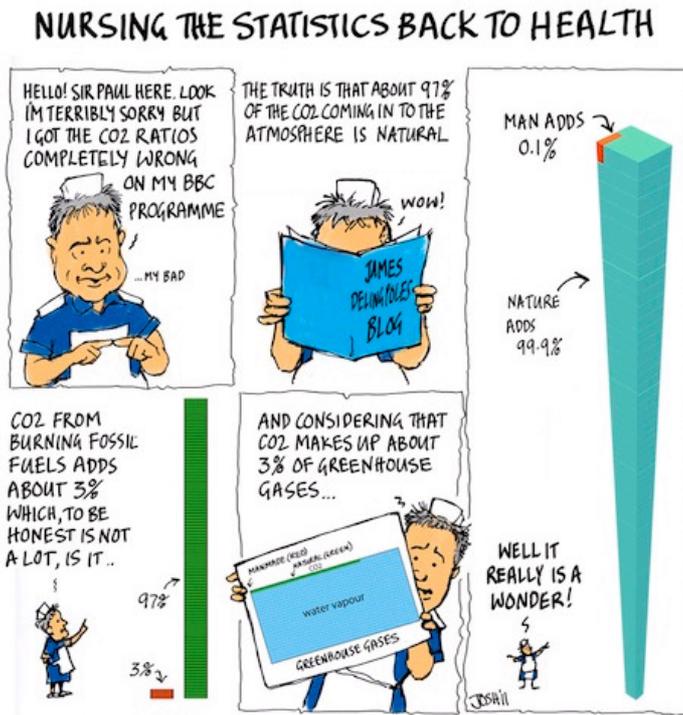
This H₂O negative-feedback effect on CO₂ is ignored in models that assume that warm moist air does not rise and form sunlight-reflecting clouds, but remains as humid air near sea level, absorbing infrared radiation from the sun, and approximately doubling the temperature rises predicted from atmospheric CO₂ increases. This false positive-feedback (amplification) due to the assumed non-bouyancy of warm air is vital for greenhouse effect climate disaster predictions. The variations of CO₂ during Earth's geological record were all driven by rapid temperature changes by means other than CO₂ variations, which on planets with 71% ocean by area are a response to climate change caused an imbalance between CO₂ absorbers and emitters (not a cause of climate change). Rainforests (CO₂ sinks) can be killed off by temperature fall rates which can be compensated for by the migration of CO₂ emitting animals. A drop in global temperature caused an increase in the atmospheric CO₂ level indirectly, due to the fact that rainforests cannot migrate as quickly as animals, and are therefore more likely to be killed. An increase in global temperatures had the opposite effect, allowing dense rainforests to proliferate faster than the rate of increase of CO₂ emitting animals. Therefore, the fossil record correlation between CO₂ and temperature has nothing to do with a direct mechanism for CO₂ to affect temperature; it temperature in the fossil record drove CO₂. Figures 1-10 summarise the evidence.

NOAA 61 year time series (1948–2008)



<http://www.cdc.noaa.gov/cgi-bin/Timeseries>

Fig. 1: Dr M. Zagoni’s NOAA data disproving the correlation between CO₂ rises and mean temperature: the 25% rise in “greenhouse” CO₂ from 1948-2009 was cancelled by the 1% fall in total humidity! (H₂O is 30 times more potent than CO₂).



<http://blogs.telegraph.co.uk/news/jamesdelingpole/100077635/nursing-the-statistics-by-josh/#>

Fig. 2: Josh’s 2011 illustration from James Delingpole’s *Telegraph* blog, showing the relative importance of H₂O compared to CO₂ as a greenhouse gas. H₂O vapour as a greenhouse gas is 30 times stronger than CO₂. Therefore, the NOAA measured 1% decrease in the average total atmospheric column H₂O vapour (humidity) from 1948-2009 shown in Fig. 1 is equivalent to a 1% x 30 = 30% fall in CO₂. Since CO₂ has only increased by 25% during this period (from 310 to 388 ppm), it follows that

the fall in humidity has cancelled out the temperature effects from the CO₂ pumped into the atmosphere! The cartoon points to errors in a January 2011 BBC *Horizon* spin-show by Sir Paul Nurse (Illustration credit: Josh at the *Telegraph*.)

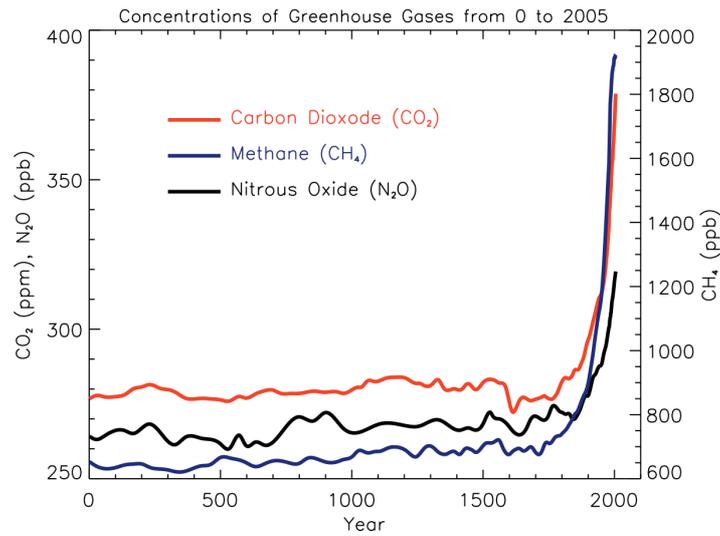


Fig. 3: typical example of scare-mongering “Keeling curve”-type graphical plots of so-called “greenhouse gas” emissions. Notice first H₂O water vapour is not included, although it is a greenhouse gas 30 times stronger than the strongest “greenhouse gas” shown in the graph, CO₂. Secondly, notice that the vertical scales don’t begin at zero, so the vertical change suggested by a glance at such graphs is grossly exaggerated, suggesting a many-fold increase when in fact the total human-caused increase in CO₂ has been under 40%. Third, methane concentrations use the right-handed scale calibrated in parts per billion, whereas the other curves use the left-handed axis in parts per million. This again gives a false “at a glance” impression that methane emissions from thawing permafrost are overtaking CO₂ emissions, when this is not true. All of these “errors” can be “justified” by usual scientific practices, e.g. of trying to trim curves to focus on the data presented, rather than leaving large blank spaces between the zero axis and the data. However, in such a contentious subject, rife with biases, this graph trimming practice is being misused deliberately to obfuscate, passing off false impressions about the magnitude of the release of greenhouse gases. At a glance, these curves show impressive sharp increases, but when you take account of the *fall* in the H₂O humidity level (negative feedback), these rises are cancelled out so far as the overall greenhouse gas content is concerned. These “hockey-stick” like Keeling curve type graphs are therefore a major cause for misunderstanding the “greenhouse effect”; they are the future climategate crisis lying in waiting. The media still fails to grasp the H₂O-negative feedback scandal.

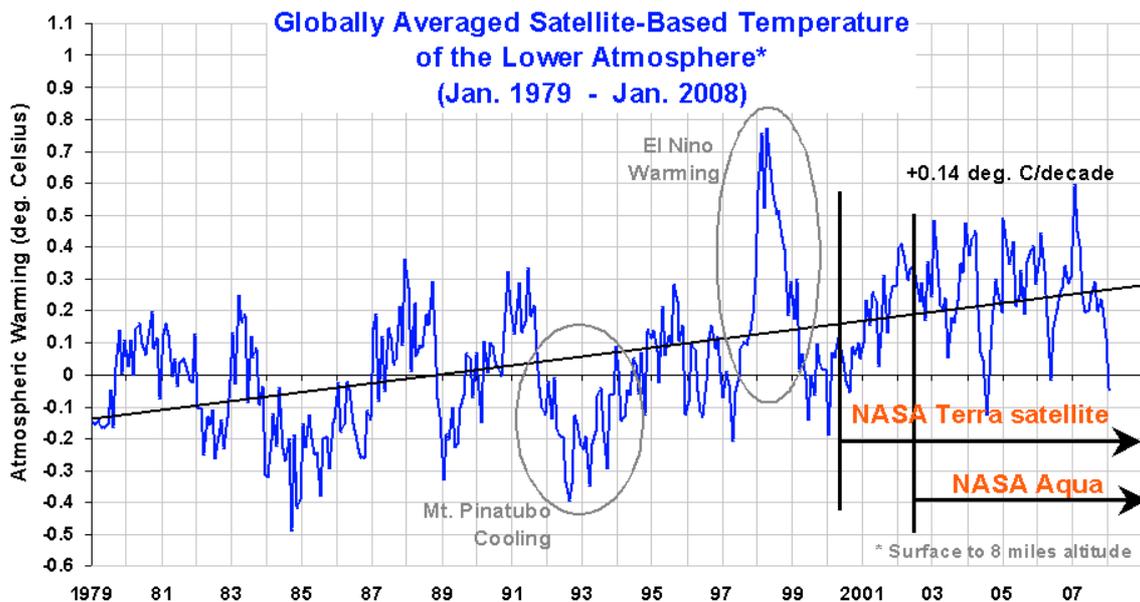
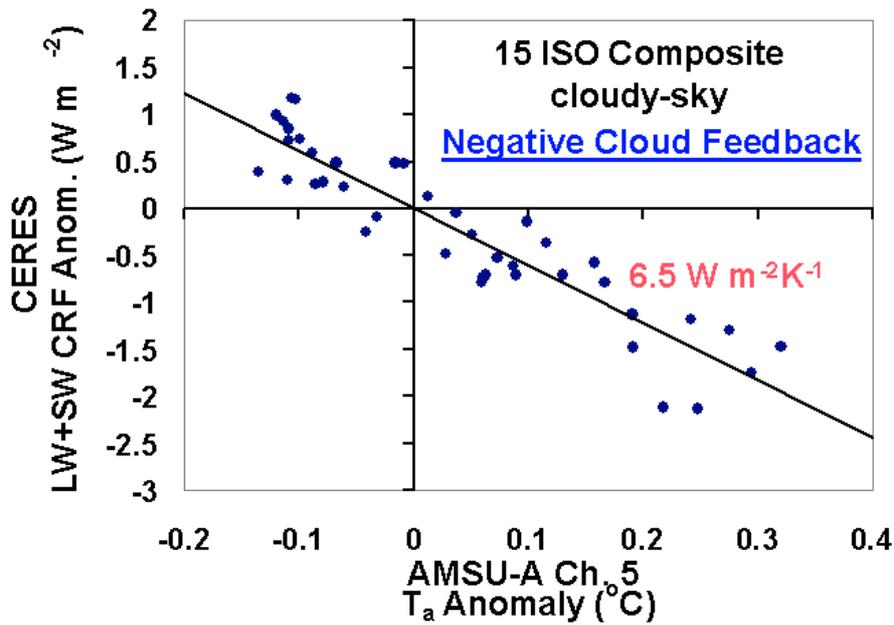


Fig. 4: graph of satellite-based *alleged* temperature rise from 1979-2008, from the powerpoint slide presentation, “Recent Evidence for Reduced Climate Sensitivity” by Dr Roy W. Spencer (Principal Research Scientist, University of Alabama, Huntsville, March 4, 2008). Spencer was concerned with investigating the possibility of increased cloud cover causing a negative feedback or reduced positive feedback of H₂O on alleged AGW “greenhouse gas emissions”, but he did not question the mechanism by which satellites allegedly determine average global temperatures. The weak point is that 62% of the Earth’s surface is covered by cloud, so satellites can only directly determine the temperature of the 38% that is uncovered, and this produces an obvious bias, giving a spurious temperature rise indication if the cloud cover is increasing gradually with CO₂.

**CERES-Measured Changes In [emitted LW+reflected SW]
During the Composite Intraseasonal Oscillation (ISO)**



6.5 W m⁻² SW+LW loss per deg. C warming
is MORE than the temperature effect alone (**3.3 W m⁻²**),
so negative feedback

Fig. 5: composite analysis of the 15 strongest tropical intraseasonal oscillations from 2000-2005 in tropospheric temperature using weather satellites NOAA-15 and NOAA-16, showing strong evidence that as the air heats up, H₂O has a *negative cloud cover feedback* not the positive feedback assumed in computer models of climate disaster from CO₂. Source: Spencer et al., 2007: with 4 instruments from 3 satellites, Spencer et al. studied a composite of 15 tropical intraseasonal oscillations (ISO) in tropospheric temperature, using 2 Separate Satellites (NOAA-15 & NOAA-16). Source: Figure 4 of Spencer, Braswell, Christy, & Hnilo, 2007: Cloud and Radiation Budget Changes Associated with Tropical Intraseasonal Oscillations, *Geophysical Research Letters*, vol. 34, August 9, http://www.drroyspencer.com/Spencer_07GRL.pdf

How Do the Observational Estimates of Feedback Compare to Climate Models?

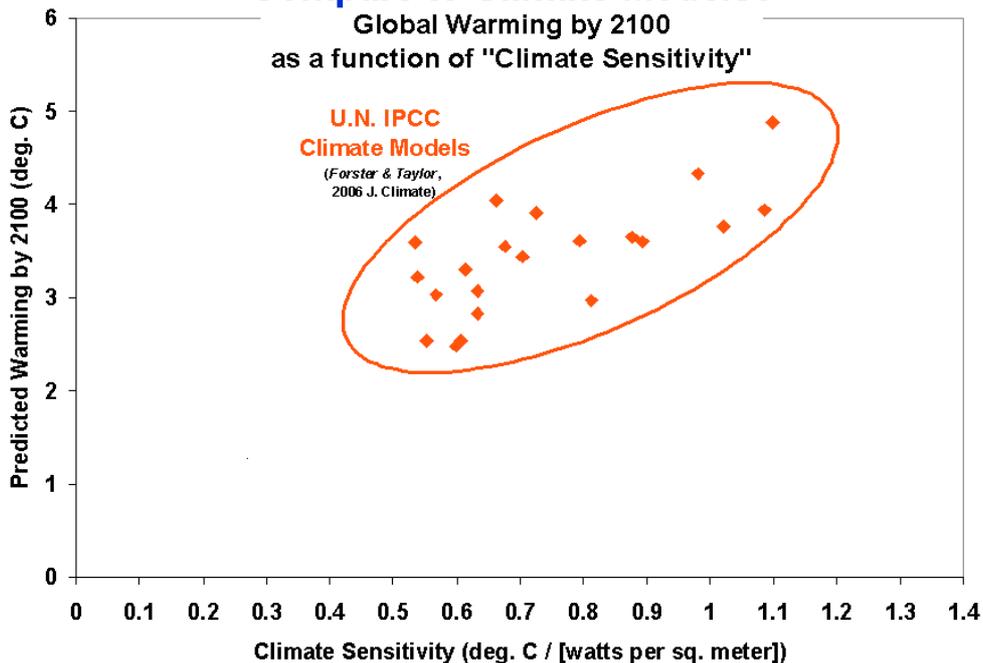
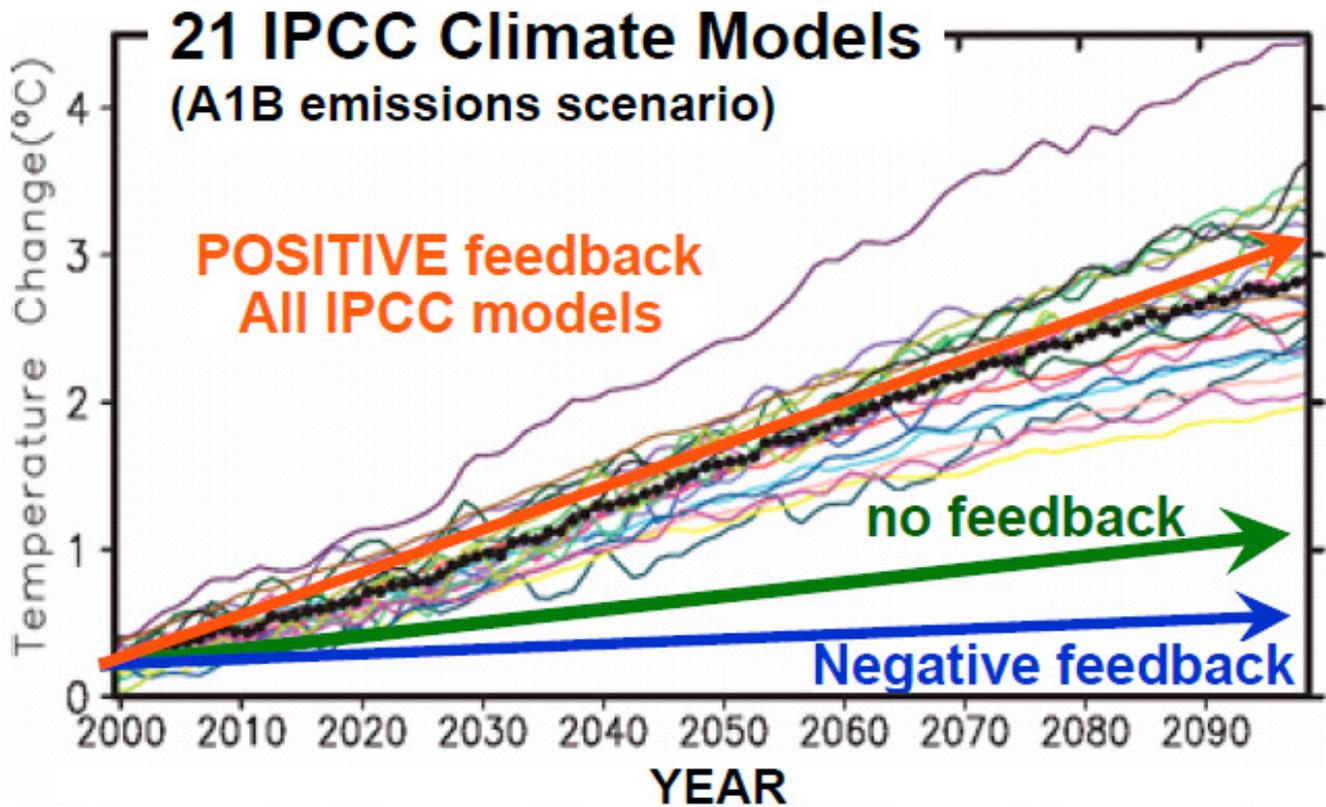


Fig. 6: graph from Spencer's powerpoint presentation showing how the UN's IPCC global warming predictions are totally dependent upon strong positive-feedback from H₂O. If H₂O had a zero-feedback, then doubling the CO₂ in the atmosphere would produce a temperature rise of only 1 C. IPCC models assume falsely a positive-feedback that at least doubles this zero-

feedback temperature rise prediction. If there is negative-feedback from H₂O, then the CO₂ effect can be completely negated. So far, CO₂ has risen only by 25% from 1948. Since there is negative-feedback, as proved by the NOAA data showing a fall in global humidity from 1948-2009, *all* of the dramatic predicted temperature rise are 2100 is negated.



http://www.searchanddiscovery.net/documents/2009/110117spencer/ndx_spencer.pdf

Fig. 7: graph showing how negative H₂O feedback negates dire climate change predictions, from Spencer's presentation *Satellite Evidence against Global Warming Being Caused by Increasing CO₂*, AAPG Annual Convention, Denver, Colorado, June 7-10, 2009, http://www.searchanddiscovery.net/documents/2009/110117spencer/ndx_spencer.pdf

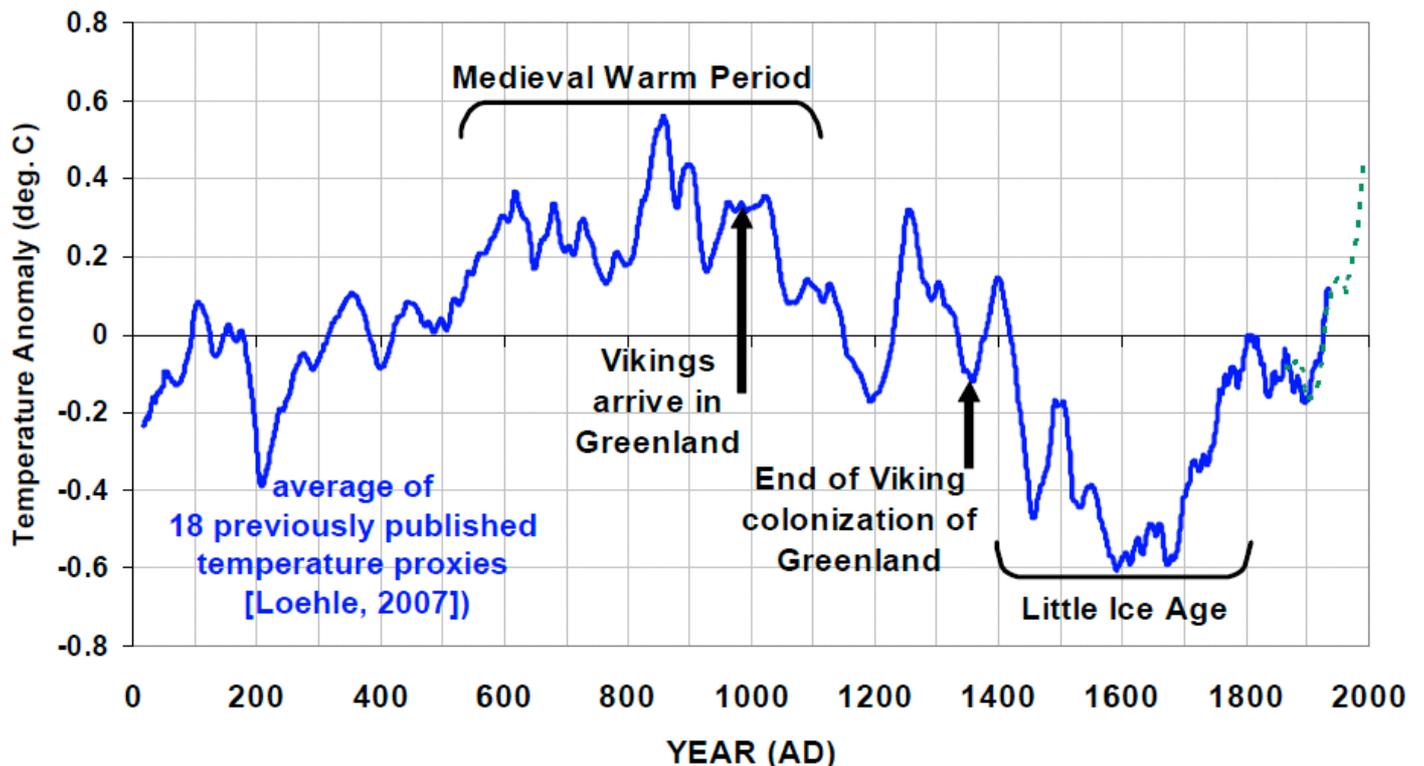


Fig. 8: graph putting recent temperatures into the context of long-term natural temperature cycles, from Spencer's presentation *Satellite Evidence against Global Warming Being Caused by Increasing CO₂*, AAPG Annual Convention, Denver, Colorado, June 7-10, 2009, http://www.searchanddiscovery.net/documents/2009/110117spencer/ndx_spencer.pdf

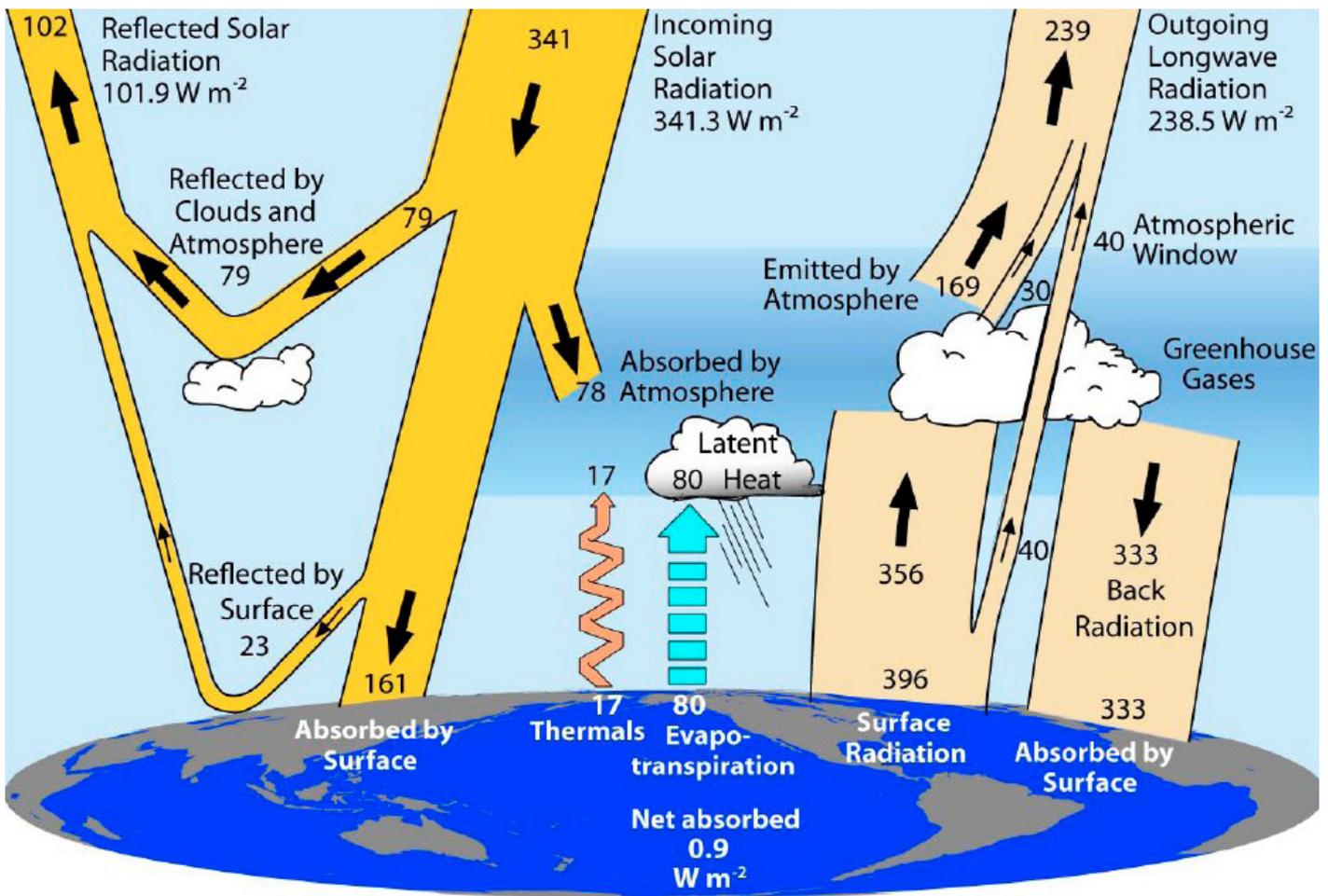


Fig. 9: the mythical “greenhouse effect” presupposes that the earth is really like a greenhouse (source: Trenberth *et al.* BAMS 2009). In fact, it isn’t, unless you whitewash the roof of the greenhouse to simulate increases in cloud cover due to the evaporation of water from oceans! A greenhouse is a false model for CO₂ effects, because unlike a greenhouse the earth’s surface area is 70% water, which evaporates faster when CO₂ is injected and causes an initial temperature perturbation. The heating of the oceans is delayed by a time-lag, due to both its high specific heat capacity and the intricacies of seasonal mixing of the top 50 metres above the thermocline with cooler water at greater depths. However, once its average temperature begin to significantly increase, faster evaporation rates follow, producing warm moist air which causes more cloud cover, which reducing the heating of low-altitude air (just like the “global dimming” due to pollution). The evaporation of additional water to form extra cloud cover cancels out the long-term temperature effects from CO₂.

“Since the Earth’s atmosphere is not lacking in greenhouse gases, if the system could have increased its surface temperature it would have done so long before our emissions. It need not have waited for us to add CO₂: another greenhouse gas, H₂O, was already to hand in practically unlimited reservoirs in the oceans. ... The Earth’s atmosphere maintains a constant effective greenhouse-gas content [although the percentage contributions to it from different greenhouse gases can vary greatly] and a constant, maximized, “saturated” greenhouse effect that cannot be increased further by CO₂ emissions (or by any other emissions, for that matter). ... During the 61-year period, in correspondence with the rise in CO₂ concentration, the global average absolute humidity diminished about 1 per cent. This decrease in absolute humidity has exactly countered all of the warming effect that our CO₂ emissions have had since 1948. ... a hypothetical doubling of the carbon dioxide concentration in the air would cause a 3% decrease in the absolute humidity, keeping the total effective atmospheric greenhouse gas content constant, so that the greenhouse effect would merely continue to fluctuate around its equilibrium value. Therefore, a doubling of CO₂ concentration would cause no net “global warming” at all.”

- Dr Miklos Zagoni, CO₂ cannot cause any more “global warming”: Dr Ferenc Miskolczi’s saturated greenhouse effect theory, SPPI Original paper, December 18, 2009, page 4, <http://nige.files.wordpress.com/2011/02/saturated-greenhouse-effect-fact.pdf>

Venus, which is closest to the sun than earth is, allegedly has a runaway greenhouse effect due to an atmosphere which is 96.5% CO₂ and a surface temperature of 462 °C, but the CO₂ percentage alone is not causing it alone, it’s the fact that the atmospheric pressure at the surface of Venus is 93 earth atmospheres which is to blame. Neglecting for the moment effects due to orbital radii, Mars is similar to Venus in having a large fraction of its atmosphere composed of CO₂ (96%) but has a low total surface air pressure, only about 0.64% of earth’s, and a mean surface temperature is a chilly -46 °C. The “runaway greenhouse effect” that keeps Venus roasting hot is not possible on earth, which is further from the sun and has oceans.

Barbara Benson
AS&M Inc.
107 Research Drive,
Hampton, VA 23666

October 28, 2005

Dear Barbara Benson,

Letter of Resignation

This letter is to inform you that I wish to terminate my employment with the AS&M Inc., effective from 1st of January, 2006.

Unfortunately my working relationship with my NASA supervisors eroded to a level that I am not able to tolerate. My idea of the freedom of science can not coexist with the recent NASA practice of handling new climate change related scientific results. More than three years ago, I presented to NASA a new view of greenhouse theory and pointed out serious errors in the classical approach of assessment of climate sensitivity to greenhouse gas perturbations. Since then my results were not released for publication. Since my new results have far reaching consequences in the general atmospheric radiative transfer, I wish to be no part in withholding the above scientific information from the wider community of scientists and policymakers.

I am very grateful to the AS&M Inc. for the friendly and honest working environment that I enjoyed for many years. I wish to thank for all the help and encouragement that I received from my colleagues and supervisors at AS&M.

Sincerely,

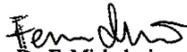

Dr. F. Miskolczi

Fig. 10: leading NASA climate research contractor scientist Dr Ferenc Miskolczi resigned due to NASA science censorship.

The correlation myth: why obfuscation and two increasing curves don't prove causality

*To make a name for learning
When other ways are barred
Take something very easy
And make it very hard*

Once any subject is a hardened orthodoxy being practised by a group of hard core bigoted technicians who call themselves "scientists" but who defend their "science" like a religion, it is no longer science. It is then religion of the worst sort. The mathematical priesthood of the Ancient Egyptians for power through secretive "magic" and similar in the Pythagorean cult is mirrored by similar pseudoscientific corruption for power or money today:

"... there is ... a very grave danger for science in so close an association with the State ... it may lead to dogmatism in science and to the suppression of opinions which run counter to official theories."

- J. B. S. Haldane (1892–1964), *The Causes of Evolution*, Longmans, London, 1932, p. 225.

A recent BBC2 Horizon TV programme, "Horizon: Science Under Attack", transmitted on 24 January 2011, and a paper by John Michael Williams's paper on Vigna, 1008:0079 (Climate Research), 27 August 2010, "Entropy Shows that Global Warming Should Cause Increased Variability in the Weather", emphasise the need to concisely point out the hard empirical facts showing that CO₂ increases don't have any equilibrium effects on global temperature or therefore climate variability.

CO₂ heats water, makes it evaporate, and the warm water vapour doesn't rise and condense to form additional cloud cover with negative-feedback, but simply hangs around near sea level where it absorbs sunlight and doubles the temperature rise due to CO₂ alone!

CO₂ only drives climate change in NASA and IPCC computer climate fantasies when positive-feedback from H₂O water vapour is assumed. In the real world, there is negative feedback from H₂O which cancels out the small effect of CO₂ rises: the hot moist air rises to form clouds, so less sunlight gets through to surface air. This produces homeostasis. All changes in the CO₂ levels are irrelevant to temperature variations. CO₂ doesn't drive temperature, it is balanced by cloud cover variations. Temperature rises in the geological record have increasing the rate of growth of tropical rainforests relative to animals, causing a fall in atmospheric CO₂, while temperature falls kill off rainforests faster than animals (since rainforests can't migrate like animals), thus causing a rise in atmospheric CO₂. These mechanisms for CO₂ variations are being ignored. Cloud cover variations prevent useful satellite data on global mean temperature, the effects of cloud cover on tree growth obfuscate the

effects of temperature, and the effects of upwind city heat output obfuscate CO₂ temperature data on weather stations. Thus we have to look to sea level rise rates to unequivocally determine global warming effects.

We've been in global warming for 18,000 years, during which time the sea level has risen 120 metres (0.67 cm/year mean, often faster than this mean rate). Over the past century, sea level has risen at an average rate of 0.20 cm/year, and even the maximum rate of nearly 0.4 cm/year recently is less than the rates humanity has adapted to and flourished with in the past. CO₂ annual output limits and wind farms etc are no use in determining the ultimate amount of CO₂ in the atmosphere anyway: if you supplement fossil fuels with wind farms, the same CO₂ simply takes longer to be emitted, maybe 120 years instead of 100 years. The money spent on false "green" eco-evangelism carbon credit trading bonuses can be spent on humanity instead:

"Ever since writing my TV shows in the Eighties I have been talking to students, teachers and the general public and enthusing about the amazing possibilities for science and technology in the future. But over 30 years I have seen a terrible change in science education. Role models such as Dalton, Faraday and Curie are hardly ever mentioned ... Kids are introduced to science as something that is life-threatening and deprived of exploration ... They are being brainwashed into believing that science and technology is crippling the Earth and our future when exactly the opposite is true. Science education has been turned upside down by worry merchants and it is already costing us dearly in a widespread lack of understanding – it is ignorance that breeds fear ... If we scrapped completely the foolhardy and scientifically unsound chase to reduce carbon, while still aiming for greater efficiency in energy usage, we would have all the money needed to bring the Third World out of poverty, save millions of lives year on year, and create a fairer and far more balanced world ..."

- Johnny Ball, "It's Not the End of the World", *Daily Express*, 21 December 2009, p. 13.

Consider the basis for the anti-greenhouse effect of evaporated water due to an initial temperature rise from CO₂. On average, today:

3% of incoming radiation is absorbed by greenhouse gases excluding water vapor,
15% is absorbed by water vapor,
5% is absorbed by clouds and
47% is absorbed by the earth's surface;

while:

21% of incoming radiation is reflected back by clouds,
6% is reflected back by the air, and
3% is reflected back by the earth's surface.

Water in the atmosphere thus absorbs a total of 20% of incoming solar radiation, and reflects back a total of 21%. So the amount of reflection by cloud cover exceeds the amount of absorption due to water vapor absorbing infra-red solar radiation. Overall, 70% of incoming solar radiation is currently absorbed, and 30% is reflected back into space.

Now calculate what happens to these numbers when a temperature rise due to CO₂ increases occurs. You find that doubling today's water content in the atmosphere – assuming that the vapor mass to cloud droplet mass ratio is a constant – reduces the total absorption from 70% to 64% of incoming radiation, while it increases reflection from 30% to 36% reflection. Hence, evaporated water has an anti-greenhouse effect: a "negative feedback".

"You must here distinguish – especially in teaching – the science from the forms or procedures that are sometimes used in developing science. ... great religions are dissipated by following form without remembering the direct content of the teaching of the great leaders. In the same way, it is possible to follow form and call it science, but that is pseudo-science. In this way, we all suffer from the kind of tyranny we have today in the many institutions that have come under the influence of pseudoscientific advisers. ... We have many studies in teaching, for example, in which people make observations, make lists, do statistics, and so on ... They are merely an imitative form of science ... The result of this pseudoscientific imitation is to produce experts, which many of you are. As a matter of fact, I can also define science another way: Science is the belief in the ignorance of experts."

- Richard P. Feynman, "What is Science?", presented at the fifteenth annual meeting of the National Science Teachers Association, 1966 in New York City, published in *The Physics Teacher* Vol. 7, issue 6, 1968, pp. 313-320.

"During the journey we commonly forget its goal. Almost every profession is chosen as a means to an end but continued as an end in itself. Forgetting our objectives is the most frequent act of stupidity."

- Friedrich Nietzsche