



Written by [William F. Jasper](#) on April 20, 2015

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Computer Models vs. Climate Reality

For more than two decades the world has been subjected to a growing cacophony of doomsayers — politicians, environmental activists, scientists, academics, and media mavens — demanding global action to stop anthropogenic (human-caused) global warming, or AGW. The AGW threat, we have been told incessantly, is “apocalyptic” and “existential” in magnitude, endangering all life on planet Earth: melting icecaps, melting glaciers, rising sea levels, floods, droughts, desertification, “extreme weather,” species extinction, etc.



However, contrary to the dire predictions of the alarmists, the Earth *has not* been heating up. In fact, for more than the past 18 years global mean temperatures have stayed steady, or have slightly cooled, according to the satellite readings. If you are unaware of this fact, or doubt its authenticity, that is not surprising; the powers that be in the worlds of politics and media have gone to incredible lengths to cover up this important truth with continued policies and headlines proclaiming the alleged impending perils from “climate change.” They are hoping to build public support for global punitive taxes and regulations at the United Nations’ Climate Summit in Paris later this year.

It is impossible to exaggerate the potential harm that UN proposals pose to the economic viability of civilization, to national sovereignty, and to individual freedom. The AGW fear mongering has already been used by the UN and governments to transfer hundreds of billions of dollars from taxpayers to “climate researchers” and favored “green” energy sources. Now they are demanding *trillions* of dollars — and vast new regulatory police powers — for AGW “mitigation,” “adaptation,” “reparation,” and other “transformational” global strategies.

Obviously, it will be very difficult for the AGW proponents to win support for the radical, ruinously costly UN proposals if there is no measurable warming and, therefore, no “crisis” to justify the extreme measures. Hence, it is important to note that it is not merely AGW “skeptics” and “deniers” who are claiming that global warming stopped 18-plus years ago; even leading AGW alarmists — individuals and institutions — have publicly acknowledged this as a fact. Yes, it is true, although it is not widely known. Here are a few examples:

- *UK Met Office/Phil Jones*: The United Kingdom’s National Weather Service, known as the Met Office, quietly released a report in October 2012 acknowledging that “global warming” had actually stopped more than 15 years earlier, that is, since early 1997. In sharp contrast with its usual heated rhetoric, the Met report noted that there had been no discernible rise in global temperatures since 1997. Zero. None. The Met Office’s Hadley Center and the now-disgraced Climatic Research Unit (CRU) at the University of East Anglia — the institution at the center of the infamous ClimateGate scandal — have been joint gatekeepers of global temperature data, and prime promoters of AGW hysteria. Dr. Phil Jones, the CRU boss who was exposed and discredited in the ClimateGate scandal, admitted, in an



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interview with the UK's Daily Mail, that global temperatures have been on a "plateau," but attempted to downplay the significance of this *very significant* fact that contradicts the catastrophic AGW scenarios produced by the computer climate models.

- *The New York Times' Justin Gillis*: In his June 10, 2013 article "What to Make of the Climate-Change Plateau," Justin Gillis, one of the Times' most rabid AGW alarmists, concedes that the then-15-year "lull in warming has occurred even as greenhouse gases have accumulated in the atmosphere at a record pace," but warns that we should not let this "mystery" dampen our AGW concerns.
- *National Public Radio (NPR)*: NPR has been in the forefront of the AGW propaganda choir. In an August 29, 2013 piece entitled "A Cooler Pacific May Be Behind Recent Pause in Global Warming," NPR looked to the oceans to "help explain why the Earth's average temperature hasn't increased during the past 15 years." This common AGW excuse — "the oceans ate the global warming" — is bereft of any scientific underpinning (the temperature data show the oceans have cooled also) but is popular with the alarmists.

The citations above could be multiplied many times over. When cornered, many of the most publicly recognized AGW proponents will concede that there has been no warming of global temperatures for 18 or more years. Variousy described in climatological circles as a "pause," "hiatus," or "plateau," the multi-year lull has provided a fatal falsification to the computer models that have predicted continuous escalating global temperatures. The pause has not ceased over the past couple of years; the hiatus has continued, much to the chagrin of the alarmists.

"So far, no one has been able to provide a compelling answer to why climate change seems to be taking a break," Dr. Hans Von Storch told Germany's *Der Spiegel* in June 2013. "We're facing a puzzle," said meteorologist Von Storch, director of the Helmholtz Center in Hamburg and an IPCC lead author. "Recent CO2 emissions have actually risen even more steeply than we feared. As a result, according to most climate models, we should have seen temperatures rise by around 0.25 degrees Celsius (0.45 degrees Fahrenheit) over the past 10 years. That hasn't happened. In fact, the increase over the last 15 years was just 0.06 degrees Celsius (0.11 degrees Fahrenheit) — a value very close to zero. This is a serious scientific problem that the Intergovernmental Panel on Climate Change (IPCC) will have to confront when it presents its next Assessment Report."

Professor Judith Curry, former chair of the School of Earth and Atmospheric Science at the Georgia Institute of Technology, told UK's Daily Mail: "Climate models are very complex, but they are imperfect and incomplete. Natural variability [the impact of factors such as long-term temperature cycles in the oceans and the output of the sun] has been shown over the past two decades to have a magnitude that dominates the greenhouse warming effect."

Dr. Curry, who was formerly known as a "high priestess of global warming" but now cautions against alarmist claims, is one of the most reasonable voices in the climatology establishment. She notes, "It is becoming increasingly apparent that our attribution of warming since 1980 and future projections of climate change needs to consider natural internal variability as a factor of fundamental importance."

This, of course, is what many renowned scientists and climatologists have been saying for years: The alleged global warming is so minute that, from a historical perspective, it cannot be distinguished from natural variability. But, for her candor, and for contradicting the AGW "party line," Dr. Curry has also been subjected to the personal attacks and smears that have greeted other courageous and truthful



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AGW realists.

It is interesting to note, however, that even the CRU's Phil Jones has also admitted to the defects of the vaunted climate models and the important role of natural variability. "We don't fully understand how to input things like changes in the oceans, and because we don't fully understand it you could say that natural variability is now working to suppress the warming," he told the Daily Mail. "We don't know what natural variability is doing," Jones continued.

This is precisely what esteemed scientists such as Richard Lindzen, Timothy Ball, William Happer, Freeman Dyson, John Christy, Roy Spencer, Vincent Gray, Christopher Essex, Fred Singer, and hundreds of others have been saying — and demonstrating — for years.

Allow us to cite one more example out of many that could be brought to bear. On June 6, 2007, the New Zealand Climate Science Coalition published an analysis of seasonal climate predictions made by the New Zealand Institute of Water and Atmospheric Research (NIWA) showing that the Institute did not even achieve 50 percent accuracy. Director Dr. Jim Renwick's response was telling. "Climate prediction is hard, half of the variability in the climate system is not predictable, so we don't expect to do terrifically well," he told the New Zealand Herald. Dr. Renwick, who is an IPCC lead author and a member of the UN's World Meteorological Organization (WMO) Commission for Climatology Expert Team on Seasonal Forecasting, stated on New Zealand Radio, "The weather is not predictable beyond a week or two."

This is huge! Phil Jones, a top AGW guru, admits "we don't know what natural variability is doing," and Judith Curry says that the climate models are "imperfect and incomplete" and natural causes "dominate" human effects on global temperatures. And IPCC/WMO bigwig Jim Renwick concedes his organization's climate predictions are wrong more than half the time — and they can't predict the weather more than two weeks out. Yet, we are supposed to empower national and international politicians and bureaucrats to completely regulate, re-engineer, tax, and regiment human civilization on a planetary scale, based upon the same faulty computer models that have universally, spectacularly failed — over and over again.

Self-discrediting Predictions

Figure 1 (below), known colloquially as the "IPCC Spaghetti Graph," is taken from the IPCC's 2013 Working Group 1 Fifth Assessment Report (IPCC WG1 AR5). The multi-colored lines on the graph represent the projections of the dozens of computer-generated climate models, virtually all of which project greatly exaggerated warming of global temperatures owing, supposedly, to increased carbon dioxide from human use of fossil fuels. The trajectories of the projections are, universally, inclined sharply upward — in marked contrast to the dark black line that shows the actual, observed global temperatures, as measured by the average of four satellite, radiosonde, and surface station datasets. Obviously, the IPCC's computer models are totally at odds with reality, as the experts cited above (and in the related article "[Scientists Debunk Climate Models](#)") point out. This enormous discrepancy can be easily grasped by the layman — if he is allowed to see it — which is why it has been suppressed by the same AGW media alarmists who have plastered the infamous "Hockey Stick" graph everywhere.



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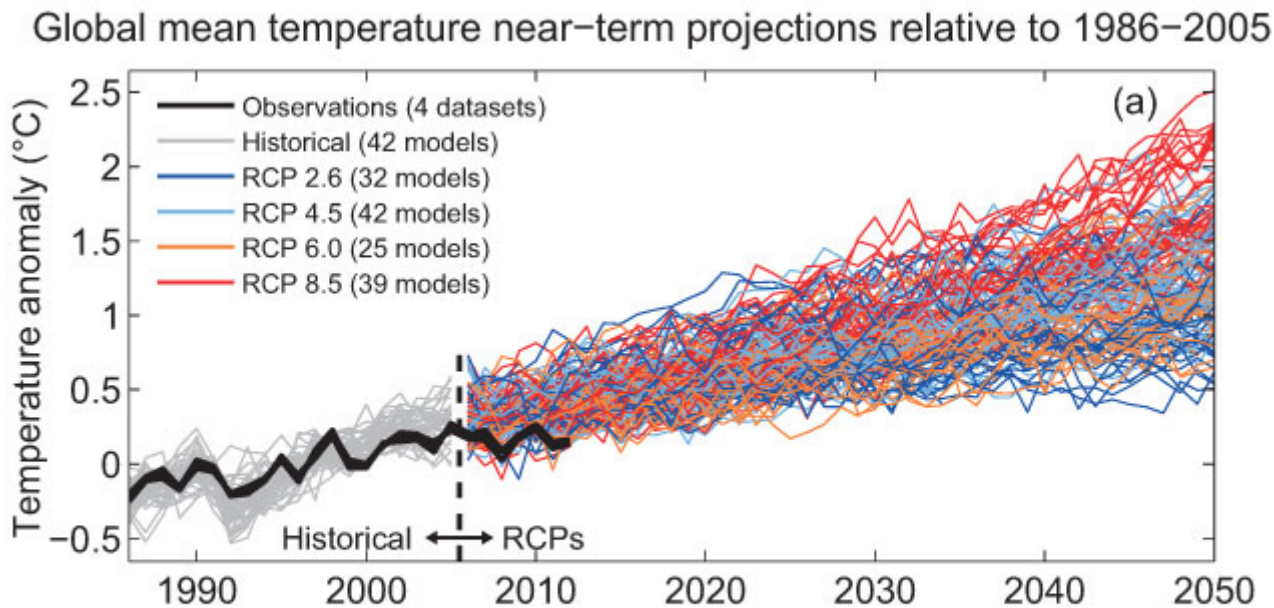


Figure 1, overheated computer models: The UN IPCC's infamous "Spaghetti Graph" that appeared in its 2013 Fifth Assessment Report provides a stunning admission that all of its expensive, "sophisticated" computer models have been spectacularly wrong. The tangle of "spaghetti" lines represents temperature projections, all of which show predictions of escalating global temperatures. The dark black line shows the *actual* observed temperature trend, showing essentially no warming, which falsifies the global-warming projections of the computer models.

Incompetence or Fraud?

Remember the Hockey Stick graph, which was a centerpiece of Al Gore's AGW propaganda triumph, *An Inconvenient Truth*? Often referred to as the "Mann Hockey Stick" for its main originator, IPCC lead author Michael Mann, the chart appeared in the IPCC's 2001 Third Assessment Report. It is called the Hockey Stick because the temperature "reconstruction" of the past millennium (1000-2000 A.D.) looks flat (like the handle of a hockey stick) for the first 1,900 years, and then shoots dramatically upward in the 20th century, appearing to validate the AGW hype of Al Gore and the IPCC. As it turned out, however, Mann and company had only been able to smooth out the 1,000-year handle and achieve their spectacular Hockey Stick by deleting the Medieval Warm Period altogether! Not only that, but when the graph came under close examination and other researchers requested access to the data and methodology used to achieve the Hockey Stick, Mann refused to release the information. For good reason: Mann and his cohorts had cooked their data and engaged in unethical (some say even criminal) practices, as the ClimateGate e-mail scandal revealed.

The IPCC's Fourth Assessment Report (AR4, 2007) also contained the Mann Hockey Stick, but it was buried among many other projection curves. The IPCC's Fifth Assessment Report (AR5, 2013) dropped the Mann Hockey Stick altogether, apparently deciding that it had become such an embarrassing scandal that it was time for it to quietly disappear.

Figure 2 (below) demonstrates chicanery by the climatology cabal at NOAA and NASA, led by notorious AGW activist Dr. James Hansen. Like Michael Mann and his IPCC cohorts, the NOAA/NASA folks have simply wiped out inconvenient temperature data to obtain the trend curve that will match their political agenda. In this case, it means wiping out the heat waves of the 1930s to get the curve that will show the 1990s to be leading us into a new hotter era. Prior to the year 2000, NOAA/NASA showed U.S. temperatures cooling since the 1930s, and 1934 much hotter than 1998. However, right after 2000,



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they altered the U.S. climate history record to fit the AGW agenda, making the past much colder and the current years much hotter.

U.S. Temperature

Contiguous U.S. annual mean anomalies (°C) vs 1951–1980

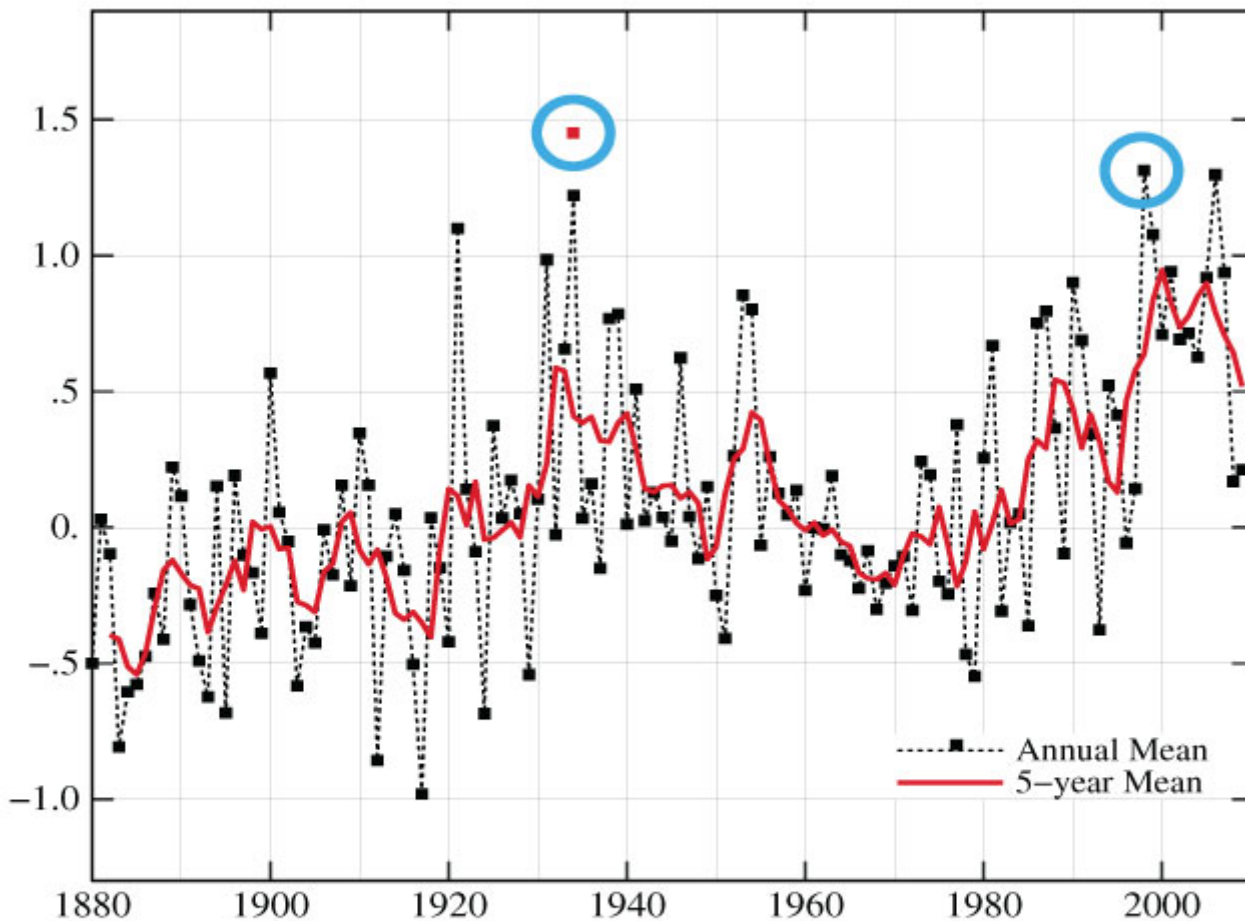


Figure 2, corrupting the climate record: The National Oceanic and Atmospheric Administration (NOAA) has been caught fudging the climate data. Prior to the year 2000, NOAA and NASA showed the 1930s as the hottest period of the 20th Century, with 1934 the hottest by far. But in 2000 NOAA/ NASA changed the data, making 1934 colder and 1998 hotter, to produce the upward warming trend line they wanted. We have reinserted the 1934 high point (circled red square) into more recent “adjusted” data, and have also circled the new 1998 false high.

Unfortunately for the Hansen/NASA/NOAA gang, their colleagues at the equally AGW-activist EPA apparently didn't get the memo that the data had been altered and so didn't destroy the 1930s temperature data, as Figure 3 (below) shows. As of this writing, the EPA website still includes the graph cited above showing the 1930s as decidedly *much hotter* than present times.



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U.S. Annual Heat Wave Index, 1895–2013

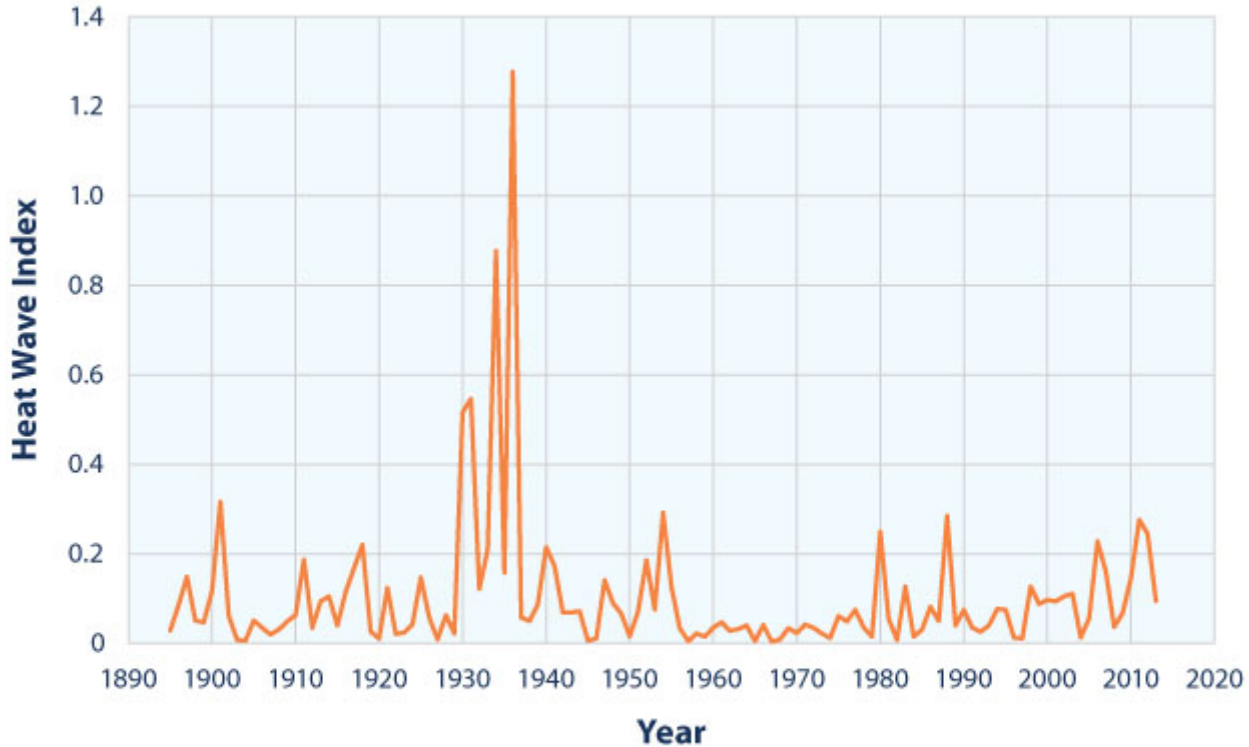


Figure 3, Oops! EPA didn't get it: The EPA, apparently, didn't get the NOAA/NASA memo that it was supposed to "adjust" its data to make the 1930s colder and the 1990s hotter. This EPA graph, still posted on its website, shows the 1930s heatwave that has "disappeared" from other data sites.

Figure 4 (below), taken from the IPCC AR5, is yet another example of inadvertent admission by the AGW alarmists that their hysterical projections of climate doom are stunningly, ridiculously erroneous. As the admitted global temperature "hiatus" of nearly two decades continues to deflate the hyped-up AGW fears, the central argument of "CO2 forcing" and "CO2 sensitivity" has taken a dive. Thus, methane is being put forward as the new bogeyman that will drive global warming. And the appropriate response, say the alarmists, is to reduce methane or "risk global catastrophe" (as Cornell Professor Robert Howarth and others claim). However, as the IPCC graph shows, the computer model projections for the increases in methane production are wildly off from actual methane production. Moreover, methane makes a negligible contribution to global temperatures in the total scheme of greenhouse gases.



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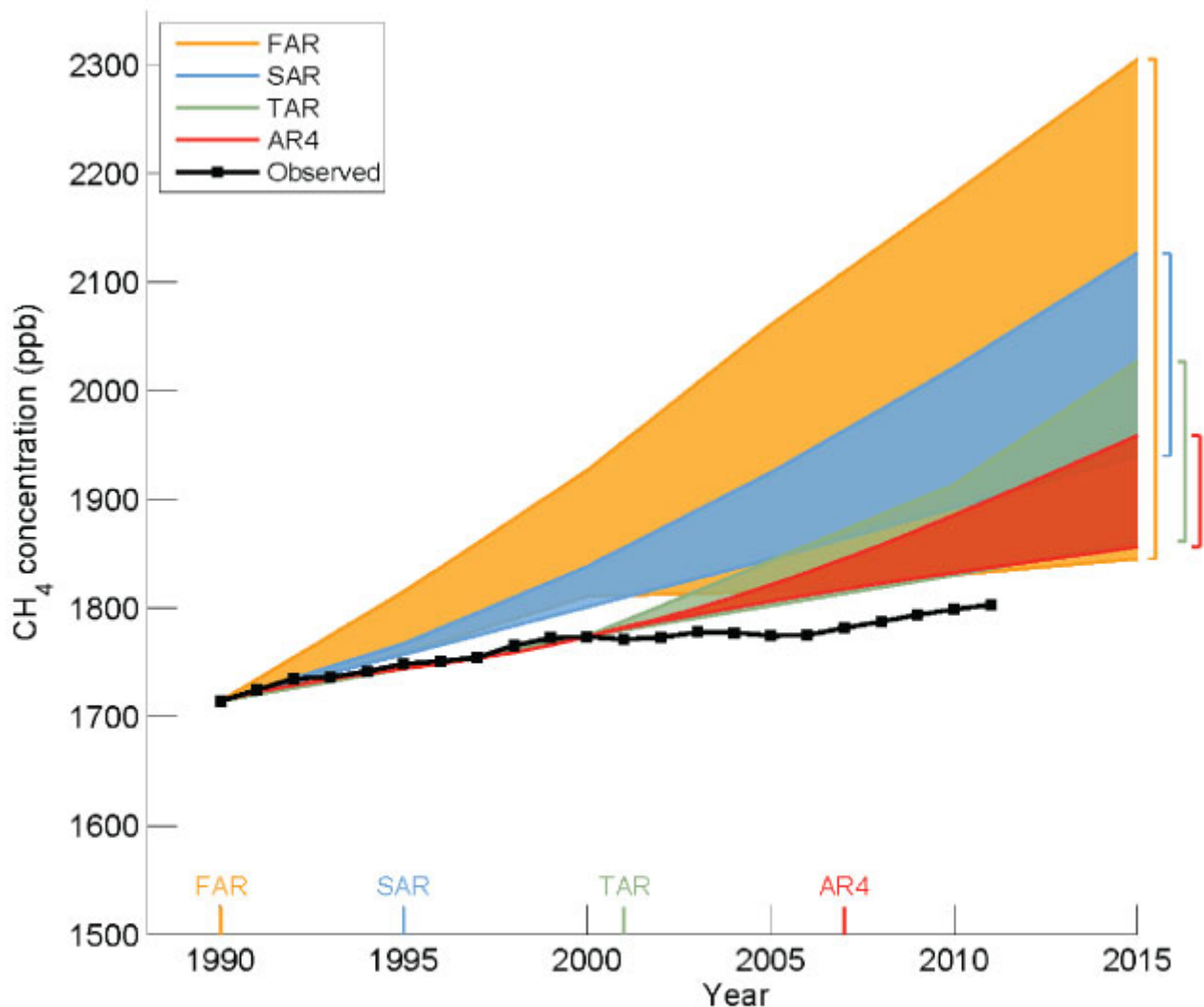


Figure 4, methane madness: Since temperatures have stayed flat even as CO₂ has increased, CO₂'s usefulness as a bogeyman has declined. Alarmists have made methane the new villain, but as the IPCC's own chart shows, the real observed increases of methane have been far less than the IPCC's vastly exaggerated computer models predicted.

We have here dealt with only a small sample of the many scandalous examples of tampering, trickery, and outright fraud employed by the global warming alarm lobby. Pierre L. Gosselin's NoTrickZone.com lists 129 climate scandals that should shake the confidence of even the most diehard climate alarmist. After all, if "the science is settled," why not let "science" speak for itself? Why engage in non-stop, wild exaggeration and blatant — even criminal — deception?



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