

The Year of the Quiet Sun, Part III. The Wriggling Worms of AGW Are One-by-One Killed Off.

by Bob Bowman

Science says CO₂ is **not** a global warming threat. Politicized science says it is. Sorry, but politics vilely corrupts the issue of **anthropogenic (man-made) global warming (AGW)**, even after euphemizing it as "*climate change*." That politics is exposed by Professor Richard Lindzen, 2008, "Climate Science: Is It Currently Designed to Answer Questions?"

Lindzen describes how traditional science – theory tested by data – is violated by AGW alarmists, who suppress scientists and data that question them. Such corrupting politics emanates from the United Nations (U.N.) *Intergovernmental Panel on Climate Change* (IPCC). Politicians run the IPCC.

The U.N. **claims** AGW is a threat; i.e., that carbon dioxide (CO₂) emitted by burning of fossil fuels for energy will cause **catastrophic global warming**. Hence, AGW alarmists insist we cease almost all of this burning. That would return us to a medieval economy – wiping out how many people? – if social protests fail to stop it. *The cap-and-trade legislation lurking in the U.S. congress would put us on the path to that chaos.*

What a terrible risk, for a mere theory! Yet, AGW alarmists claim that AGW is such a threat that *its "deniers" should be tried as criminals*. Al Gore is quoted so, as is Dr. James Hansen, head of NASA's Goddard Institute for Space Studies (GISS).

Is CO₂-induced AGW truly a threat? No. *Science disproves that claim over and over. Let us count some ways.*

1) CO₂ absorbs infrared (IR) heat. So does water vapor, by 20 times more. So does methane and ozone, also by much more. Thus, CO₂ is a **weak** greenhouse gas. It's also a **trace** gas. Currently, per 10,000 molecules of air, fewer than **four** are CO₂. **Clearly, CO₂ is way too puny to create catastrophe.**

2) CO₂ warms by absorbing IR. As it absorbs IR outgoing from Earth, it will thus warm the air, thereby creating a layer of warmer air, a so-called *hot spot*, in upper air. There, at 10 km up, earth radiates its atmospheric heat away into space. Yet, satellites have detected *no hot spot* in the upper air, despite AGW's prediction of it. **That starkly disproves AGW.**

3) Also disproving AGW, Earth's 1975-98 warming was **surface** warming. *CO₂ doesn't work thus*. So, what warmed the surface? A lot was from sensor locations in cities (urban heat islands). A lot was from warm ocean currents (El Nino) active in 1975-1998. A lot was from the highly magnetic sun then.

4) CO₂ absorbs IR at a few narrow wavelengths, filling them. To add **as much more** temperature, CO₂ concentration must **double**. AGW alarmists say CO₂ was **280 ppm** at the Little Ice Age end, 1800, and may double to **560 ppm** by 2100, warming us by 1 deg. F. Double to 1120 ppm, for 1 deg. more. That **depletes** fossil fuels, *with no catastrophic AGW.*

5) So how do AGW alarmists handle CO₂'s mere 1 deg. F of warming per doubling? They **pretend** that AGW, by evaporating more water, enhances its effect **six-fold**. That *would be catastrophic*, of course. Yet, we know it doesn't happen, because if it did, past warming, by being catastrophic, would have fried Earth long ago.

Instead, water acts to **cool** Earth, like sweating acts to cool humans. Thus, the earth's evaporation of water absorbs heat which the water vapor carries up into the air. There, it condenses, releasing that heat, letting it escape into space, and letting the condensate form clouds which also cool Earth by reflecting solar input. Dr. Roy Spencer, via data, claims that water thus acts as a brake on CO₂-induced AGW.

6) Per the latter, Lindzen & Choi, March, 2009, published data showing heat loss from the top of the air (TOA) for the last 15 years, detected by the ERBE satellite. The heat loss **increased** at the same time that CO₂ in air increased. Contrarily, computer models, to predict catastrophic AGW, did so by predicting a **declining** TOA heat loss at the same time that CO₂ increased. In other words, heat that AGW models claimed that CO₂ would **trap** was radiated off into space instead. **Thus, Lindzen & Choi disprove AGW.**

7) Here's one more disproof of AGW. Gram for gram, water holds 4 times more heat than air. Thus, Earth's oceans hold a thousand times more heat than its atmosphere. CO₂ dissolves in both via an equilibrium that follows Henry's Law (a pressure and temperature-dependent relationship). We see Henry's Law in how CO₂ acts in a coke or beer. Thus the oceans take up CO₂ when they cool and outgas it when they warm; antarctic ice core data confirm that it acts thus.

Oceans also take up and release heat. Any heat retained by Earth because of AGW is in radiative imbalance and will distribute between air and ocean. The high priest of AGW, Dr. James Hansen et al., has so spoken, and **calculated** a linear **rise** in ocean heat from our recent burning of fossil fuels. Now comes Dr. Roger Pielke, Sr., et al., to test that calculation against actual ocean data available from **2003-2009** via some 3000 Argo buoys. For this period, the data show **no rise** in ocean heat, and even a **slight loss**. **This strikingly disproves the prediction made by the AGW alarmists.**

On the Other Side. AGW alarmists tried funny numbers to support AGW. First, the U.S. NOAA (National Oceanic and Atmospheric Administration) distorted data, reporting July 2009 ocean *warming* by discarding its Argo data that showed *cooling*. Next, see *Science*, Sep. 4, 2009, p. 1236, "Recent warming reverses long-term arctic cooling," by Kaufman et al. They show data for 2000 years of gradual arctic cooling, ending with an abrupt warming rise in the last 50 years. It's the infamous "hockey-stick" curve resurrected, and has the same fatal flaws for which the National Academy of Sciences rejected it as false the first time such data were claimed.

Thus is *science* manhandled by an AGW political world.

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