

I guess my latest post on HLN was taken as an attack on someone's substitute religion.

Though Shawn Freeman got some points right about what real scientists do, there was not much in the Letter by Shawn Freeman correct about me. Often he has it backwards about who are real scientists and who are charlatans. What he says about real scientist literally describes my 49-year career in education and industry.

After receiving BS and MS degrees in meteorology from Wisconsin, I produced the weather for CBS in NYC for local, network TV and radio while working on my doctorate degree in Air Resources (atmospheric chemistry) at NYU.

I was and still am an environmentalist and conservationist. Back then we had major pollution issues air and water. Our country resolved these issues. Our air (and water) has never been cleaner than it is today since the start of the industrial revolution. CO₂ was never on our list of pollutants as it is a plant fertilizer and a trace gas (0.04% by volume). Greenhouses use CO₂ in to enhance plant growth and vigor. It is a product of respiration. We breathe out air with 100 times the CO₂ of the air we breath in.

I was enlisted to join the faculty at a small Vermont College to help build a program for forecasters and broadcasters, I chaired the department and taught courses in meteorology and climatology and helped make it into the "go to school" for forecasters and broadcasters. The department grew from 37 to 137 students. Many of the TV meteorologists here in New England and even at The Weather Channel came out of that program. The COO of NOAA, Space Flight Meteorologists and many other meteorological superstars were among my students.

I left Lyndon in 1980 to join John Coleman at Good Morning America to produce the morning weather shows and helped him plan for his dream, the cable Weather Channel We successfully launched in 1982 employing 20 of my own students in the new venture.

In 1988, I moved my family north to work for TWC's weather data provider/partner WSI, as product manager and chief scientist where I helped develop many products including their weather workstation used in broadcasting, aviation and industry and the Intellicast web site, where I did one of the first ever internet weather blog as Dr Dewpoint.

Shawn says real scientists work with data to determine a model to explain and forecast weather. Even at TWC, I was researched the factors that produced seasonal weather and pioneered seasonal forecasts. I worked with some of the nation's best scientists in that effort. I advanced this effort greatly at WSI and developed my first version of a statistical model for forecasting.

Unlike academia, industry does not allow employees to publish a blueprint of proprietary methods and technologies to preserve their competitive advantage.

It was during this time I serendipitously found these correlations had explained all the major variances in the climate record first published for the U.S. in 1989 and globe in 1992. I gave keynote addresses on the topic at major conferences. We employed rigorous statistical tests and later with the countries top econometricians validated that these factors drive the climate and man's impacts are mainly local and mostly related to urbanization.

Shawn says real scientists publish their work in reputable journals. When I left WSI, I was free to publish numerous papers on the roles sun, oceans and volcanism play in climate, and peer reviewed briefs in response to government requests for comment that were used in supreme court testimony.

Many scientists have over the years replicated and validated my work in their own peer review papers. Starting in the 1990s, I was asked to present at large annual NWS Winter Weather Meetings, agriculture, energy, national and international (Vienna, Beijing and Brazil) conferences.

After witnessing my presentations after the 2001/02 season in DC and Boston, the head of the NWS asked me to meet with the entire Climate Prediction Center staff to explain how a surprise solar spike in late 2001 led to the unexpected winter weather of 2001/02. They asked me to comment on the upcoming winter and I said our statistical models suggested a cold and snowy winter. The CPC lead forecaster said their models suggested a slam-dunk warm winter forecast. That winter had 5 months in a row of deep cold here in Boston and the east. When I advised the Climate Center director to incorporate the factors I used, some of which were published by their own scientists, he told me they were constrained by academia from using anything academia did not bless.

In the last 20 years, I have provided long term services and presentations or even full day training sessions to broadcasters, growers, retailers, traders, producers, contractors, hobbyists and many small and medium size businesses, who require a better understanding of weather and accurate long-range forecasts for decision making.

In 2014, I was invited to Toronto to present to a large Canadian company and their corporate clients how I was able to forecast a brutally cold winter in 2013/14 when the US and Canadian met offices had predicted a warm winter. They instantly became a client. I promised them in 2014/15, the cold and snow would shift more to the east - remember that winter had 110 inches of snow in our coldest ever month (February 2015).

I have been recognized for my work and became the only private sector meteorologist elected as a councilor of the American Meteorological Society by my

peers. I chaired the Committee on Weather Analysis and Forecasting. I was elected a Fellow of the AMS and a Certified Consulting Meteorologist. I chaired large national conferences and presented for the AMS and National Weather Association and co sponsored international climate conferences attended by 1000s of international scientists from 27 countries. Currently we have 4000 users clients.

When Shawn who doesn't know me, says nobody listens to me, you can see he is clearly wrong. I may not be E.F. Hutton, but many corporations and people do wait and greatly benefit from me and my team's analysis, forecasts, early alerts to extreme weather and longer-term guidance.

My discussion about the great pain the green agenda has inflicted on Europe did not come from industry or a political bias but from economists from Spain and Italy in academia that I lunched with at one of the huge climate conferences I attended, and from the former President of the Czech Republic, Vaclav Klaus who talked about the green agenda as a threat to countries like his that would return them to the painful days prior to the fall of the Soviet Union.

Shawn trusts the UN IPCC. A number of the co-authors of the story Shawn ignored on the rebuttal of alarmist claims (<https://wordpress.com/view/alarmistclaimresearch.wordpress.com>) were scientists on the IPCC. They and many others were frustrated that their analysis was overridden by lead authors, many of them globalist statesmen who authored the Summary for Policymakers before the scientists provided their chapters. That is what happens when the process is politically or agenda driven.

Dr. Petteri Taalas, who is the Secretary-General of the UN's World Meteorological Organization opined recently "IPCC reports are read like the Holy Book,...It has the features of religious extremismThis world will not end.... We are at the best of mankind's time in many ways."