

## Robert

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**From:** Robert <drrobertbakerjr@gmail.com>  
**Sent:** Thursday, March 21, 2019 4:11 PM  
**To:** 'Merrilee Reid'; 'Lee Leidal'; Charles W. Knapp; hollymer@mac.com; hollymer2@hotmail.com; 'Leidal Lee & Lonna'  
**Cc:** 'Arendts'; 'Bowman'; 'Brass Ernie & Andree'; 'Brazil Mickey & Jeanne'; 'Brown, Ann'; 'Campbell Leianne'; 'Fell'; 'Fell'; 'Fortner'; 'Fortner'; 'Hartwick, Joyce'; Hbova123@yahoo.com; 'Huerta, Larry'; LHolstad@retiree.winona.edu; 'Mattis, Bob'; 'Munson Bruce'; 'Munson Ed'; 'Preston, C'; 'Richard Holstad'; 'Rowe Paula'; 'Vuchsas Gwen & Jim'; 'Vujovich Christina'; 'Wright Randy'; nancyjdeluna@gmail.com  
**Subject:** RE: Global Cooling: The Real Climate Threat  
**Attachments:** Climate Change Skeptics.docx; Global Sources of CO2.pdf

Hi Merrilee,

I would like to present my take on climate change – especially to discuss the matter with those who support “... the Scientific Consensus on Climate Change ...” generally and specifically to Lee Leidal.

First, as to my background: If interested, then most of it can be found at [www.drrobertbaker.com](http://www.drrobertbaker.com). Second, my interest in climate change and renewable, non-fossil fuel power generation such as wind turbines and solar panels:

In the 1990s I partnered with Fred Noble. Fred developed about 30% of the wind turbines in Palm Springs and some in Northern California as well. His company is “Wintec” is well-known as a leader in renewable energy generation worldwide. Together we developed and patented an energy storage device of special value in the utilization of solar-energy generation and its distribution: Robert Baker and Fred Noble, United States Patent Number 6,160,336, “Peak Power Energy Storage Device ...,” December 12, 2000. Of special concern to me was efficacy of solar panels. As Merrilee knows I installed and tested for years solar panels on the roof of our home in Playa del Rey and later here in our new home in Palm Desert, California. I had hoped to profit by any project or concept that would promote the utilization of solar and/or wind-turbine renewable-energy equipment. In retrospect, “The Green New Deal”, recently promoted by Representative Alexandria Ocasio-Cortez, would have been the answer to my dreams then! So please Mr. Leidal do not accuse me of having “fossil-fuel interests”!

In the early 2000s, to my chagrin, it became apparent to me from my tests that wind turbines and solar panels, no matter how their technology advanced, couldn't ever efficiently replace fossil fuel as a primary energy source on our planet. Next it also became clear that wind-turbine and solar-energy-panel farms would never be economically viable without considerable taxpayer support! In light of this conclusion of mine, I decided to study climate change and the possible catastrophic effects of man-made pollutants in our planet's atmosphere. Sorry for this long preface to discussing my take on climate change. Now for “climate change” itself:

Since my initial expertise was in Astrodynamics (Celestial Mechanics, especially planetary orbits – I authored three Textbooks on the subject) I looked to determine what influence, or lack thereof, the dynamics of our planet Earth might have on climate change. I found that Richard A. Muller of the Lawrence Berkeley National Laboratory and Gordon J. MacDonald of the International Institute for Applied System Analysis, Austria (I attended his lectures at UCLA in the 1970s) authored a paper (July 11, 1997 in the Journal SCIENCE) on the variation of climate on our planet caused by its orbit. They found that recent ice ages, ten periods of glaciation in the past million years, are caused by the changes in the tilt of the Earth's orbit, called “orbital inclination.” Specifically, that “The Earth moves up and down on its orbit plane ... and slightly alters the amount of sunlight hitting the Earth. This, in turn, results in variations of climate on our planet.” Their analysis shows a clear pattern that exactly matches the 100,000 year period of the ice ages for the last million years! I also found a previous, 1912 theory of the Serbian scientist Milutin Milankovitch linking the ice ages also to the gradual cyclical change in the eccentricity (shape) of the Earth's orbit. Together these theories precisely match the

change in warmth that archeologists find in the “fingerprints” of the past ice ages! But here is the rub: what is meant by “precisely match”? Their theories give exact matches over thousand-year spans of time – not for particular centuries – certainly not for any particular decade! For our current thousand-year span their theories show an average 2 degrees centigrade increase in warmth on average per century. So for any given decade the increase in climate temperature change could be 4, 3, 2, 0 or even decrease a bit. Nevertheless, these proven theories should be a central issue in any climate-change analysis. At this point in my research I looked up the NASA “Global Climate Change Facts” (now found at <https://climate.nasa.gov/causes/>). The only reference to Astrodynamics was a section entitled “Is the Sun to blame?” This section had to do with the short-term changes in solar radiance. There was an elaborate discussion of the atmospheric pollutants and their influence on weather/climate, but where was the discussion of the Muller and MacDonald and of the historic theory of Milankovitch? This website was produced by NASA’s Jet Propulsion Laboratory of the California Institute of Technology wasn’t it? That was my first clue that something is amiss here!

I began to follow the atmosphere pollutant, especially CO<sub>2</sub>, research/theory on global warming. OK very complete in many ways. On the other hand, I found over a dozen scientific articles in the journals SCIENCE and NATURE that called into question some of the fundamental data on CO<sub>2</sub> generation and absorption on our planet. Certainly there were problems with these CO<sub>2</sub> theories as there are with almost all scientific theories – BUT WHY WERE NOT THESE ANOMALIES ACKNOWLEDGED IN AT LEAST SOME OF THESE PAPERS? Again there is something very wrong here!

Am I the only skeptical scientist – the only conscientious objector? No, a few other brave souls have stood up. Three of them wrote articles that are attached.

So, for the sake of argument, suppose only CO<sub>2</sub> produced by man causes this insidious global warming – suppose the alarmists are right: “Coastal flooding and crop failures would create an exodus of ‘eco-refugees,’ threatening political chaos, said Noel Brown, director of the New York office of the U.N. Environment Program, or UNEP, in June of 1989. He said governments have a 10-year window of opportunity to solve the greenhouse effect before it goes beyond human control. As the warming melts polar icecaps, ocean levels will rise by up to three feet, enough to cover the Maldives and other flat island nations, Brown told The Associated Press in an interview on Wednesday. Coastal regions will be inundated; one-sixth of Bangladesh could be flooded, displacing a fourth of its 90 million people. A fifth of Egypt’s arable land in the Nile Delta would be flooded, cutting off its food supply, according to a joint UNEP and U.S. Environmental Protection Agency study.” Plus the terrible tornados we have just encountered. Wow **apocalypse!**

SO WHERE DOES THIS DREADFUL CO<sub>2</sub> COME FROM?

In 2017 the US produced about 3 billion metric tons of carbon whereas the Asia-Pacific countries about 17 billion tons of carbon or about six (6) times as much! This doesn’t even count Europe, India, Africa, South and Central America. Satellite carbon sensors confirm that the United States has less than a 5% contribution to our planet’s carbon uptake –I have the satellite carbon-source detection images from NASA (Orbiting Carbon Observatory –2) to prove it! Please see attachment. Other images show the carbon moving to the northern hemisphere, but that is not where it is mainly produced!

If we start along the aspirational path of the Green new deal’s (GND’s) 10-year climate plan, then there is no question that our economy will suffer. With a reduction in fossil-fuel utilization there will be reduction in transportation efficiency until some major transformation is accomplished in the aircraft, trucking, passenger car, train, ship, etc. propulsion systems. As the GND suggests there also needs to be the initiation of major restructuring of the mining, building and manufacturing industries. The GND even suggests the start of replacement of our farming industries by small farms that will certainly require a dislocation and loss of efficiency of that industry. These adverse effects, including promoting the use of inefficient solar and wind renewable power sources, on our economy arguably may be temporary as the GND suggests, but in the interim there will, without doubt, be economic suffering.

If it is determined that the portion of inevitable climate change that is due to human industrialization will ruin our planet for future generations (I do not believe this), then starting along this aspirational path may be deemed vital for humanities’ survival. BUT why would the rest of the countries on our planet be inspired by us to make the sacrifice or even start to make the sacrificial changes in behavior? All logic says they would NOT – even the modest Paris climate agreement is not being adhered to! I believe the basic law on our planet has been, is and

will be SURVIVAL OF THE FITTEST! This means if you are not be as economically “fit”, even temporarily – YOU WILL NOT SURVIVE!

What is going on?

IT IS POLITICS!! Four out of five scientists identify as Democrats, according to a [2014 Pew Research Center survey](#) of American Association for the Advancement of Science members, and more than half describe themselves as liberal or very liberal. On page 431 of the February 28, 2019 edition of the Journal NATURE is a comment on a Working Group President Trump is planning to establish. The article states “Some researchers fear that the climate science group could be used to undermine the scientific consensus on global warming.”

Allow me to paraphrase this statement another way:

SOME RESEARCHERS FEAR THAT EINSTEIN’S NEW THEOIRIES ON RELATIVITY COULD BE USED TO UNDERMINE THE SCIENTIFIC CONSENSUS ON NEWTON’S THEORY OF GRAVITY.

Talk about “science deniers” the essence of “SCIENCE” is to revisit, review and re-study the “scientific consensus”!!!! Science is NOT by popular vote – it is not by politics. The vogue now is to have politicians make laws that are “scientific-evidence based” and be only guided by “scientific consensus.” Well tell that to Einstein, to Copernicus before him. Of course, weigh in some scientific understanding at the time in legislation, but do not make scientific consensus as an irrevocable absolute truth!

SO WHAT TO DO:

1. Continue research on climate change and base it fairly on all angles of the argument pro and con of global warming via CO2 and include the inevitable influence of the Earth’s orbit!
2. Based on that study and recognizing we cannot do anything about the Earth’s orbit (adjusting its orbit using say nuclear) would destroy all life on the planet!
3. Plan for mitigating activities on our planet for the next several decades such as sea walls, relocating communities, etc. all in a calm, careful manner.

Bob Baker

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**From:** Merrilee Reid [mailto:merrilee0221@gmail.com]

**Sent:** Tuesday, March 19, 2019 12:46 PM

**To:** Lee Leidal

**Cc:** Arendts; Baker, Jr Robert; Bowman; Brass Ernie & Andree; Brazil Mickey & Jeanne; Brown, Ann; Campbell Leianne; Fell; Fell; Fortner; Fortner; Hartwick, Joyce; Hbova123@yahoo.com; Huerta, Larry; LHolstad@retiree.winona.edu; Mattis, Bob; Munson Bruce; Munson Ed; Preston, C; Richard Holstad; Rowe Paula; Vuchsas Gwen & Jim; Vujovich Christina; Wright Randy; nancyjdeluna@gmail.com

**Subject:** Re: Global Cooling: The Real Climate Threat

What an open mind you have! Not

Merrilee Reid

Cell: 310 722-8643

On Mar 19, 2019, at 12:43 PM, Lee Leidal <[lee.bogeygolfer@gmail.com](mailto:lee.bogeygolfer@gmail.com)> wrote:

Here is his title: Research Associate for Developing Countries for the Cornwall Alliance for the **Stewardship of Creation**. (Emphasis added.) He currently lives in Udumalpet, India.

The Cornwall Alliance is a conservative Christian policy group. They appear to be funded by fossil fuel interests. Dismissing the impact of carbon dioxide release is certainly supportive of those interests. For a scientific view of carbon dioxide impact, go to <https://climate.nasa.gov/causes/>

13 Federal agencies released their report last November. It flies in the face of this "research" associate: <https://nca2018.globalchange.gov/chapter/2/>

You might as well strike my name from the distribution list for any of this Charlatan stuff.

On Tue, Mar 19, 2019 at 9:46 AM Merrilee Reid <[merrilee0221@gmail.com](mailto:merrilee0221@gmail.com)> wrote:

And by the way, he's got a fireside chat coming up in the not so distant future on this very subject with other scientists

Merrilee Reid  
Cell: 310 722-8643

On Mar 19, 2019, at 9:36 AM, Merrilee Reid <[merrilee0221@gmail.com](mailto:merrilee0221@gmail.com)> wrote:

Thank you so much Dick, and as you well know, I agree with this whole heartedly as well as my brother-in-law who is a scientist himself and is currently working on gravitational waves. He's authored many books as well as text books and was on President Reagan's UFO committee. Thanks so much for the link, I will keep up with them.

Merrilee Reid  
Cell: 310 722-8643

On Mar 19, 2019, at 9:22 AM, Richard Holstad <[rholstad@spectrumeng.net](mailto:rholstad@spectrumeng.net)> wrote:

Merrilee,

Here is your link once again just for convenience of others who may have had trouble opening it. It is really good info in my opinion ..... admittedly I like it because I agree with it.

[https://www.americanthinker.com/articles/2019/03/global\\_cooling\\_the\\_real\\_climate\\_threat.html#.XJBoEk0GUm0.email](https://www.americanthinker.com/articles/2019/03/global_cooling_the_real_climate_threat.html#.XJBoEk0GUm0.email)

The following link is an excellent way to keep informed daily on what is going on at NASA and the private companies ( including SpaceX ) that are getting into the space business.

[https://www.space.com/43231-spacex-demo-1-flight-iss-explainer.html?utm\\_source=sd-newsletter&utm\\_medium=email&utm\\_campaign=20190302-sdc](https://www.space.com/43231-spacex-demo-1-flight-iss-explainer.html?utm_source=sd-newsletter&utm_medium=email&utm_campaign=20190302-sdc)

I was watching this link during my lunch break a few months ago when there was a space probe being launched to study the sun. I watched the launch intently.....it was a live countdown ..... I didn't know in advance that the mission was even in the planning stages ..... That day I recall being so reassured, by the very existence of that project, that scientists are in fact looking seriously at the solar cycles and the correlation with the global climate variations.

About the same time, someone was listing brilliant quotations by our politicians. In this case it was AOC. They were discussing the recent probe sent to the sun. Someone in the group was wondering how they intended to keep the space craft from burning up when getting so close to the sun. AOC said, That is simple, just go there at night.

This issue is too serious and complex to have politicians in charge of it. There was a time in US politics when we elected our brightest, most talented people to be at the helm regarding National Defense, Science and Technology, Medical Technology, World Affairs, etc. It was a coveted job, to serve our country. But now, how the tables have turned ..... and we the voters are responsible.

Another sad thing about the political involvement is the wasted time and resources spent just considering bills like "The Green New Deal". Our TIME is most valuable; we need to spend it wisely.

You tripped my trigger, Merrilee. I see a long email list on this message, I hope you won't remove me from the list because I spout off now and then.

It would be nice to know what your listeners are thinking.

Dick Holstad

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**From:** Merrilee Reid [<mailto:merrilee0221@gmail.com>]  
**Sent:** Monday, March 18, 2019 10:22 PM  
**To:** Leidal Lee & Lonna; Arendts; Holstad Richard;  
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Larry; Campbell Leianne  
**Subject:** Fwd: Global Cooling: The Real Climate Threat

Merrilee Reid

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Begin forwarded message:

**From:** "AddThis Share Tools"  
<[email@addthis.com](mailto:email@addthis.com)>  
**Date:** March 18, 2019 at 8:54:59 PM PDT  
**To:** [merrileereid@yahoo.com](mailto:merrileereid@yahoo.com)  
**Subject:** Global Cooling: The Real Climate  
Threat  
**Reply-To:** [merrileelwv@aol.com](mailto:merrileelwv@aol.com)

[https://www.americanthinker.com/articles/2019/03/global\\_cooling\\_the\\_real\\_climate\\_threat.html#.XJBoEk0GUm0.email](https://www.americanthinker.com/articles/2019/03/global_cooling_the_real_climate_threat.html#.XJBoEk0GUm0.email)

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