

Global Warming -2018 : Extended Abstract Title: The True and False of Climate Change

M. Ray Thomasson^{1*}, Lee C. Gerhard²

Corresponding author: M Ray Thomasson, Chairman, Thomasson Partner Associates Inc., Denver, Colorado, USA

Email: raythomasson@aol.com

Abstract Title: The True and False of Climate Change

Abstract :

First let us state that the authors are avid environmentalists. Every geologist we know loves nature and “The out-of-doors” and wants to protect and preserve our planet. Concern for the environment should not be confused with climate change. The popular media have been expounding on climate change for many years without considering the underlying data that could substantiate their presentation of the issue. The authors present a “CO₂ is not the problem” approach to challenging the media about climate change, and look forward to a “CO₂ is the problem” response.

The Scientific Method is used in all scientific endeavors. It takes many shapes and forms, and involves three principal steps: After finding scientific data that suggest a particular outcome, the scientists:

1. Construct a Hypothesis. The scientists state both the hypothesis and the resulting prediction they will be testing.
2. Test the Hypothesis by Doing an Experiment. The experiment tests whether the prediction is accurate and thus the hypothesis is supported or not. In the absence of a laboratory experiment, historical observations must be used.

3. Analyze the Data and Draw a Conclusion. Once the experiment (observed data) is complete, collect measurements and analyze them to see if they support the hypothesis or not. If not, go back and create another hypothesis; if it does, you publish the findings so that others may test the hypothesis (replicate the experiment).

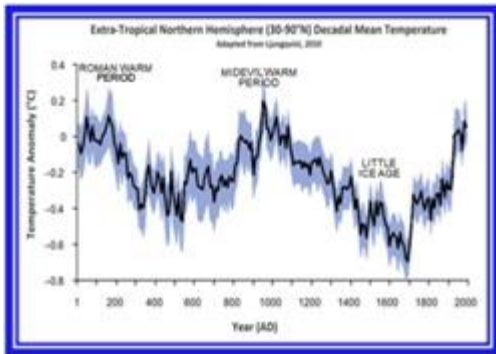
Point (1) above has been accomplished for climate change. What has been lacking in most of the Global Warming/Climate Change studies are (2) and (3). There is no substitute for objective, historical data. What follows is an attempt to refute newspaper, TV and radio opinions based on models that are badly flawed. We present a point by point discussion of what the DATA can tell us. Any statement not backed up by DATA is an opinion and may be true, false or misleading. Computer models are opinions.

Note : This Work is partly presented at 9 th International Summit on Global Warming and Pollution Control on Dec 05-06, 2018 at Vancouver, Canada

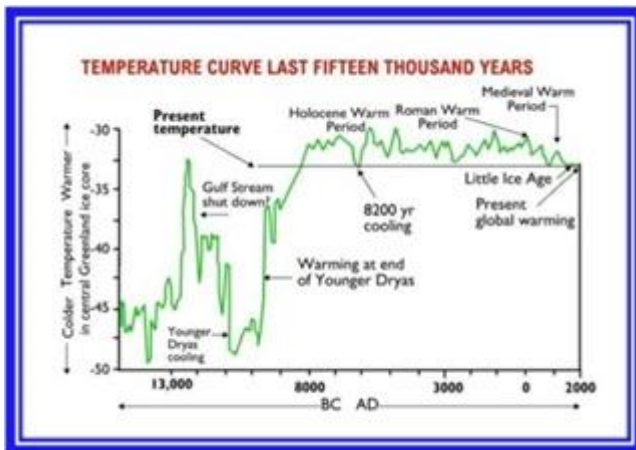
What the Media Commonly Says

- That temperatures are higher than they have been in the last 200 years: TRUE (Figure 1).

That temperatures are higher than they have ever been. FALSE (Figure



2).



That Global Warming has Caused:

That CO2 increases will drive temperatures to catastrophic temperature levels.

That CO2 is the main driver of temperature increase

Quoting from Fischer et.al., “Atmospheric CO2 concentrations show a similar increase for all three terminations, connected to a climate-driven net transfer of carbon from the ocean to the atmosphere.

The time lag of the rise in CO2 concentrations with respect to [previous] temperature change is on the order of 400 to 1000 years during all three glacial-interglacial transitions.”

The Global Warming Petition Project resulted in 31,487 individuals with scientific

backgrounds (9,029 with PhD degrees, and 7,157 with MS degrees) who approved the following statement “There is no convincing evidence that human release of carbon dioxide, methane, or other greenhouse gases is causing or will, in the foreseeable future, cause catastrophic heating of the Earth’s atmosphere and disruption of the Earth’s climate. Moreover, there is substantial scientific evidence that increases in atmospheric carbon dioxide produces many beneficial effects upon the natural plant and animal environments of the Earth.”

The “97% consensus” is based on 77 scientists out of 10,257 questioned and 3,146 responses [24,25]. Out of 77 climate scientists, 75 answered “Yes” to the question “Do you think human activity is a significant contributing factor in changing mean global temperatures?” They were not asked whether human carbon dioxide emissions control temperature (Figure 23). The term “Significant” was undefined.

Climate change can best be understood within the larger context of geological history. In the Doran and Zimmerman study, there were 103 responses from geologists, and 53% of those answered “No” to that same question. The authors believe the 97% scientific consensus promoted by the media is a myth.

Summary

The authors believe that truth will always come out in any research project that has a scientific basis. We have shown that CO2 is not a pollutant, but instead is a critical source of plant food and therefore animal life (and man) on this earth. We have shown that CO2 does not have a significant negative effect on weather patterns or on temperature.

We have shown the forecast climate models to all be wrong. More importantly, we have presented evidence that emphasizes the importance of climate control by the sun.

Several lines of evidence suggest that the global climate will be going into a colder phase in the near future, and may last for decades. It is with a great degree of concern that we point out that population is projected to increase from seven to nine billion people by the year 2100. Will the projected increase in CO₂ be sufficient fertilizer to counter balance a cooler climate in the world in which more food will be needed to feed our burgeoning population