

## Inside the Bell

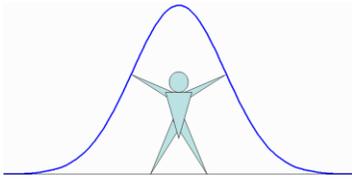
### Human Activity?

The pursuit of science is an interesting endeavor and I'm convinced most folks don't understand how it actually works. It's a simplification of the process, but science proceeds in three steps. First, observe the natural world and notice some process or event that may possibly be explained by some other process or event. Second, hypothesize the relationship between the causative event and the resultant action. This is sometimes referred to as a theory. Third, extensively test the theory of events until it is shown to be false. Theories, which are not definitively false may, or may not, be true. The longer they survive testing without being shown to be false, the more likely they are to be true.

Some theories can be proven to be true mathematically and become laws of nature. Gravity is one example. Others are not easily mathematically modeled and remain theories even though they have survived repeated testing and are accepted by most as generally true. Evolution is in this category.

Over two decades ago, some environmental scientists noticed long term, worldwide temperatures appeared to be rising and seemed to correlate with increases in atmospheric carbon dioxide ( $\text{CO}_2$ ). They also noted that  $\text{CO}_2$  concentrations seemed to increase beginning with the start of the industrial revolution and the rapid increase in the use of fossil fuels by humans. Since  $\text{CO}_2$  is a greenhouse gas – it traps heat – they theorized that the increased  $\text{CO}_2$  would result in “human-caused global warming”. Without ever testing the initial theory, and using limited computer models, they further theorized dramatic increases in the Earth's temperature and widespread, and disastrous, environmental consequences. They searched for, and found, negative examples of environmental change they attributed to human-caused global warming. They drafted non-scientists, chiefly journalists and politicians, to their cause, including a former vice president of the United States. By 1990, world leaders were meeting to discuss solutions to the problem and committing significant resources and treasure to saving the Earth.

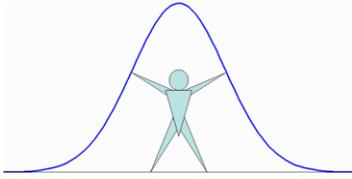
Unfortunately, none of it is true. Other scientists, without emotional involvement in the outcome, began testing the initial theory – which increases in global warming were caused by corresponding increases in atmospheric  $\text{CO}_2$ . They discovered that a correlation between atmospheric  $\text{CO}_2$  and temperature did exist but not until they adjusted the time scale of the temperature by approximately 800 years to get it. That is, they added 800 years to the temperature time line to correlate with the  $\text{CO}_2$  concentrations. What this simple adjustment proved was that the increase in atmospheric  $\text{CO}_2$  lagged behind the increase in temperature. Not only does the increase in  $\text{CO}_2$  not cause significant increases in global temperature, it might actually be the opposite – global warming increases atmospheric  $\text{CO}_2$ .



## Inside the Bell

The December 2007 issue of the *Journal of American Physicians and Surgeons* published a 13-page summary of the research literature on increases in atmospheric CO<sub>2</sub> by Arthur B. Robinson, Noah E. Robinson and Willie Soon. Their summary is supported by 132 references. They conclude, “that increases [in atmospheric CO<sub>2</sub>] during the 20<sup>th</sup> and early 21<sup>st</sup> centuries have produced no deleterious effects upon Earth’s weather and climate.” Here are a few of the conclusions Robinson, et al. drew from the research literature.

- The average temperature of the Earth has varied within approximately 3°C over the last 3000 years; is currently below the 3000-year average and significantly, below a peak, which occurred approximately 1000 years ago.
- At the current rate of increase, we should reach the temperature that prevailed during medieval times in about two centuries.
- Glacier shortening began almost 180 years ago, significantly before increases in hydrocarbon use by humans and is unaffected by increased atmospheric CO<sub>2</sub>.
- Atmospheric temperature correlates with solar activity which in conjunction with major greenhouse gases, such as water vapor, substantially warms the earth and minor greenhouse gases, such as CO<sub>2</sub>, have little effect.
- Rainfall in the United States is increasing at the rate of 1.8 inches per century.
- The number of severe tornados in the United States is decreasing.
- There has been no increase in the number of Atlantic hurricanes that make landfall and there has been no increase in the maximum hurricane wind speed nor the number of violent Atlantic hurricanes.
- Sea levels have been increasing at the rate of 7 inches per century for the last 150 years and the rate of sea level rise has not increased since the increase in atmospheric CO<sub>2</sub> began in the 1940’s.
- The increase in sea levels correlates well with the shorting of glaciers and neither correlates with the increase in atmospheric CO<sub>2</sub>.
- “The ‘human-caused global warming’ – hypothesis depends entirely upon computer-model generated scenarios of the future. There are no empirical records that verify ... these models. ... The computer climate models upon which ‘human-caused global warming’ is based have substantial uncertainties and are markedly unreliable.”
- “The historical record does not contain any report of ‘global warming’ catastrophes, even though temperatures have been much higher than they are now during much of the last three millennia.”



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There are many additional conclusions in the summary prepared by Robinson, et al. and all support the conclusion that the increase in atmospheric CO<sub>2</sub> is not caused by human activity but more likely by increases in the temperature related to the periodic cycles of the sun and probably by the release of sequestered CO<sub>2</sub> in the oceans as the temperature increases. Robinson, et al. also uncovered a number of surprising effects of global warming. For example:

- “As atmospheric CO<sub>2</sub> increases, plant growth rates increase. Also, leaves transpire less and lose less water as CO<sub>2</sub> increases, so that plants are able to grow in under drier conditions. Animal life, which depends upon plant life for food, increases proportionally.”
- “Wheat growth is accelerated by increased atmospheric CO<sub>2</sub> especially under dry conditions.”
- Greenland is turning green again as it was 1000 years ago.
- United States forests have increase 40% in the last 50 years.

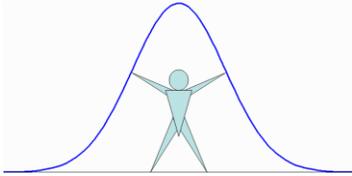
These refutations of “global warming” cannot be correct. After all, some 2500 scientists reviewed the four global warming reports from the United Nations Intergovernmental Panel on Climate Change (IPCC) written by some 1250 authors from 130 countries and “the science is settled.”

If these numbers seem compelling then you should consider the following petition signed by over 31,000 United States scientists, including over 9000 PhD's, in Atmospheric Science, Climatology, Earth Science and other fields. All have reviewed the Robinson, et al. publication and substantially agree with its conclusions.

“We urge the United States government to reject the global warming agreement that was written in Kyoto, Japan in December, 1997, and any other similar proposals. The proposed limits on greenhouse gases would harm the environment, hinder the advance of science and technology, and damage the health and welfare of mankind.

“There is no convincing scientific 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 produce many beneficial effects upon the natural plant and animal environments of the Earth.”

Given all the scientific evidence to the contrary, why has the impression of catastrophic disaster persisted? Environmental activists seek a “greener” world and appealing to the general public to embrace this worthwhile cause has had little effect. In my experience, people generally do not radically change their life style unless the personal impact is both large and immediate. Appealing to people's good sense is not enough. What is needed is a crisis. So the environmental activists created a false crisis, Anthropomorphic Global Warming.



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Humans as the cause of global warming is a hoax, a hoax with an admirable outcome, but a hoax none-the-less. And an expensive hoax to boot.

Bernard Madoff created a hoax investment scheme that benefited him and his family and cost investors, by one estimate, almost \$65 billion (other estimates are as low as \$18B) and cost him his career, \$170 million and 150 years in prison.

How much has the global warming hoax cost the United States Government, other world governments and virtually every citizen of the world in higher taxes and prices? The amount is unimaginatively large and incalculable. Given the penalties imposed on Bernie Madoff what should be the penalties imposed on Albert Arnold Gore?

Russ

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