

## "Study of Ice Age Bolsters Carbon and Warming Link"

### A scientific rebuttal of Gilles' March 1, 2013 NYT article:

In publishing the subject article by Gilles, the Times continues its persistent perpetuation of the fraudulent theory that human emission of carbon dioxide (CO<sub>2</sub>) is causing "global warming / climate change".

The simplest example is Gilles failure to ask the most obvious question about the data discussed in the article.

Whether atmospheric CO<sub>2</sub> increases lag temperature increases by 800 or 200 years during the several Interglacial Warmings of the last half-million years, the obvious question is where did all those increases come from at a time when human emission was essentially zero?

Gilles disparaging reference to "carbon dioxide ... somehow (being) flushed out of the ocean" shows that he doesn't have a clue and doesn't seem to care. But, of course, it is the same CO<sub>2</sub> that bubbles out of your soda water as it is poured into a warm glass.

The ocean contains 50 times more dissolved CO<sub>2</sub> than is present in the atmosphere and the ocean is indeed the source of both current and past changes in atmospheric CO<sub>2</sub>. As oceans warm, they emit CO<sub>2</sub> and as they cool, they absorb it. The balance is controlled by the temperature dependence of its solubility in the oceans of the world.

Furthermore, the CO<sub>2</sub> amplification theory fails miserably to account for the onset of the Glacial Cooling cycle that follows the Glacial Warming.

How can the cooling begin when the CO<sub>2</sub> is at its maximum at the peak of the warming? With CO<sub>2</sub> at its maximum, the warming should continue to be amplified indefinitely according to their theory. That theory has no mechanism for cooling to start.

But we have to forgive Gilles, Gore, Shakun and their friends: after all, they are in global warming business, glacial cooling is someone else's job!

If, instead of Gilles' "cherry-picked" factoids, a responsible newspaper would publish the conclusions of some 130 of the world's most distinguished scientists who have analyzed the totality of the data, and who state: "the incidence and severity of extreme weather events has not increased....the hypothesis that our emission of CO<sub>2</sub> have caused or will cause global warming is not supported by the evidence".

The identity of those scientists and their detailed conclusions are available at <http://opinion.financialpost.com/2012/11/29/open-climate-letter-to-un-secretary-general-current-scientific-knowledge-does-not-substantiate-ban-ki-moon-assertions-on-weather-and-climate-say-125-scientists/>

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