

## Greenhouse Deception

You've heard it a thousand times... the "Greenhouse Effect". But did you know the term is completely wrong when applied to the earth's atmosphere? This idea of the atmosphere acting like a greenhouse is a false analogy that has helped fuel climate change hysteria.

I know, some of you will immediately accuse me of climate change heresy. Even so, hang with me for a moment. I assure you, no reputable scientist will disagree with the technical side of this explanation.

Greenhouses work because they trap heat inside them. They prevent convection of air outside the greenhouse. The earth's atmosphere works in the opposite way. There's no roof on the planet. The earth's atmosphere is a non-linear, dynamic system that simultaneously absorbs and emits energy that it receives from the sun. The relative balance between energy gained and lost is what makes life on earth possible.

It's really quite amazing and it's infinitely more complex than this dopey analogy of a greenhouse, which gives people the wrong impression of trapped heat. Climatologists are currently trying to figure out if man's burning of fossil fuels is substantially inhibiting the earth's ability to emit excess energy. However, the addition of carbon dioxide and other gasses to the atmosphere is but one small factor in an extraordinarily complex system.

Here's something else many people don't know about our incredible planet. They have no idea that we live in a slender habitable zone that is sandwiched between two very cold places. As any pilot can tell you, once a plane begins gaining altitude the temperature outside drops shockingly fast. If it's 59 degrees on the ground, the air at just 7,500 feet is freezing. At 14,000 feet it's only 9 degrees. By the time the plane hits a cruising altitude of 40,000 feet the air temperature outside is 70 degrees below zero. That's 129 degree difference.

We see the same type of temperature variance in our oceans. The water is relatively warm near the surface, but the temperature drops rapidly on descent. The average temperature of the oceans is a frigid 39 degrees.

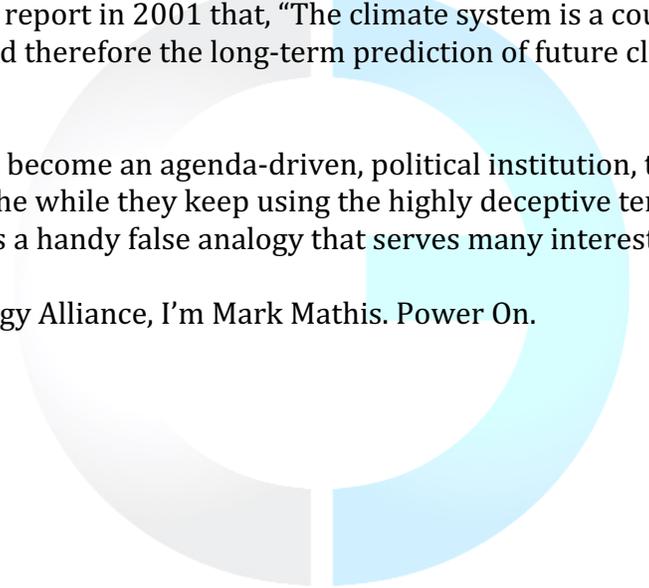
The cold deep water of the oceans turns over at varying rates with warmer waters near the surface. It has a powerful impact on the earth's climate. Slower or faster turnover in the Pacific Ocean creates the El Nino and La Nina effects that impact the entire planet's climate system. According to climatologist Roy Spencer, the turnover of warmer and colder ocean waters across centuries or longer may have something to do with unusually warm eras as well as ice ages.

The broader point is this: The earth's atmosphere and oceans are dynamic systems that behave nothing like a greenhouse. The atmosphere is constantly emitting excess energy into the freezing air that's not all that far above us. And, the oceans are continually transferring heat energy into the depths.

These scientific truths are part of what led the UN's Intergovernmental Panel on Climate Change to report in 2001 that, "The climate system is a coupled non-linear chaotic system, and therefore the long-term prediction of future climate states is not possible."

Since the IPCC has become an agenda-driven, political institution, this truth has been ignored, all the while they keep using the highly deceptive term, "Greenhouse gas emissions." It's a handy false analogy that serves many interests.

For the Clear Energy Alliance, I'm Mark Mathis. Power On.



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