

In Graduate School Statistics, our professor told us these:

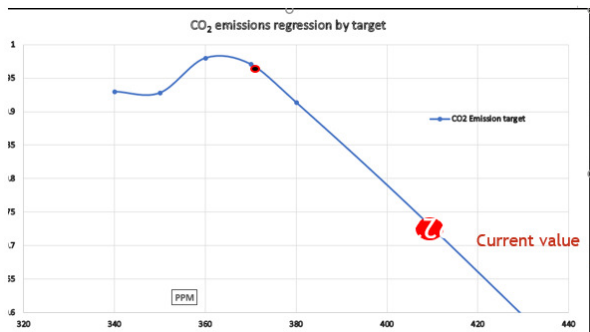
- 1 Just because two variables increase at the same time it does not mean they have a relationship any more than two people walking down the street together until they turn into the same home. Then you need to investigate to see what kind of a relationship they have.
- 2 For a binary system like atmospheric CO₂ caused by emissions or loss of photosynthesis, we have to have an R_{xy} (correlation coefficient) greater than or equal to 0.90.
- 3 Ocean CO₂ is also a binary system caused by atmospheric CO₂ or decay from pollution.
- 4 These rules are standard in industries like semiconductors, pharma chemistry and petro chemistry to name a few.

The current R_{xy} for atmospheric by emissions is a lousy 0.72. This does not meet the criteria above

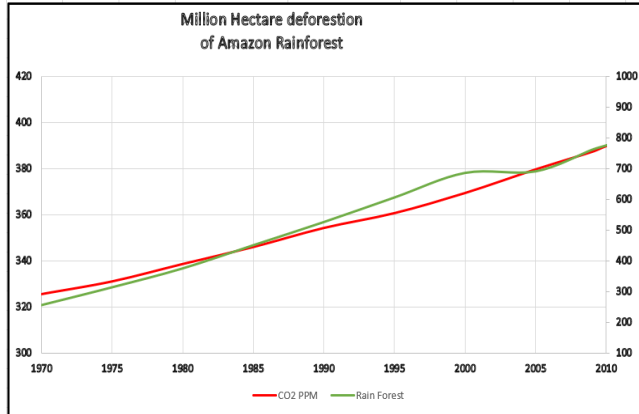
The current R_{xy} for Ocean CO₂ by Atmospheric CO₂ is a lousy 0.64 this does not meet the criteria above

We need to perform regression by target when the R_{xy} is less than 0.90.

For Atmospheric CO₂ by emissions: Correlates to 363 ppm of the rise.

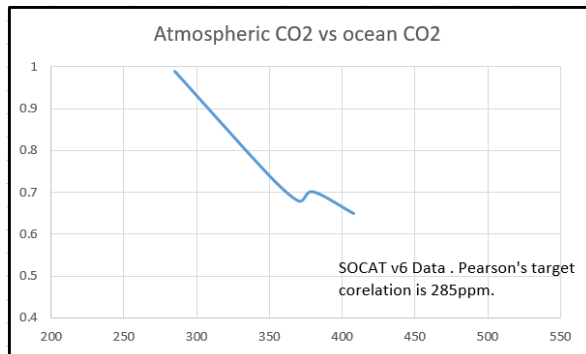


For Atmospheric CO₂ by photosynthesis. R_{xy} = 0.99 Correlates to 48 ppm of the rise. Deforestation of Amazon rainforest. Is cause and effect.



We **must not** say the rise since 1957 of Atmospheric CO₂ is emissions caused.

For Ocean CO₂ by Atmospheric CO₂: Correlates to 285 ppm of the rise.



We **must not** say the ocean is a sink for Atmospheric CO₂

<http://cctruth.org/index.php/presentations/>

To put up a graph like it is cause and effect without proper statistics is pure deception.

Procedure:

I have talked with hundreds of scientists in the petrochemical, chemical, pharmaceutical and semiconductors industries. They all use regression to determine cause and effect just like I did. When I presented at the conference all the Climate Change scientists agreed with it and discussed how to get the industry rules into the Climate Change Industry.

Here are the rules:

For a binary system like atmospheric CO₂ caused by emissions or photosynthesis there needs to be better than a 0.90 correlation coefficient to say it is cause and effect. Just putting up a graph like it is a cause and effect is deceiving at best. The current R_{xy} value is 0.72 for emissions as cause of the rise since 1957.

If the value is not greater than 0.90 a scientist must determine what the variable really correlates to. A good place to start is an inflection point in a graph.

Once this is determined then the remainder must have a cause determined in the same way.

If these rules had been in place, 20 years ago then atmospheric CO₂ would be 330ppm or less now. I am asking the IPCC working group to accept these rules and grow up Climate Change to industry standards.

All graphs of emissions vs. atmospheric CO₂ must have this label: **Rxy=0.72 Not a cause and effect.**