

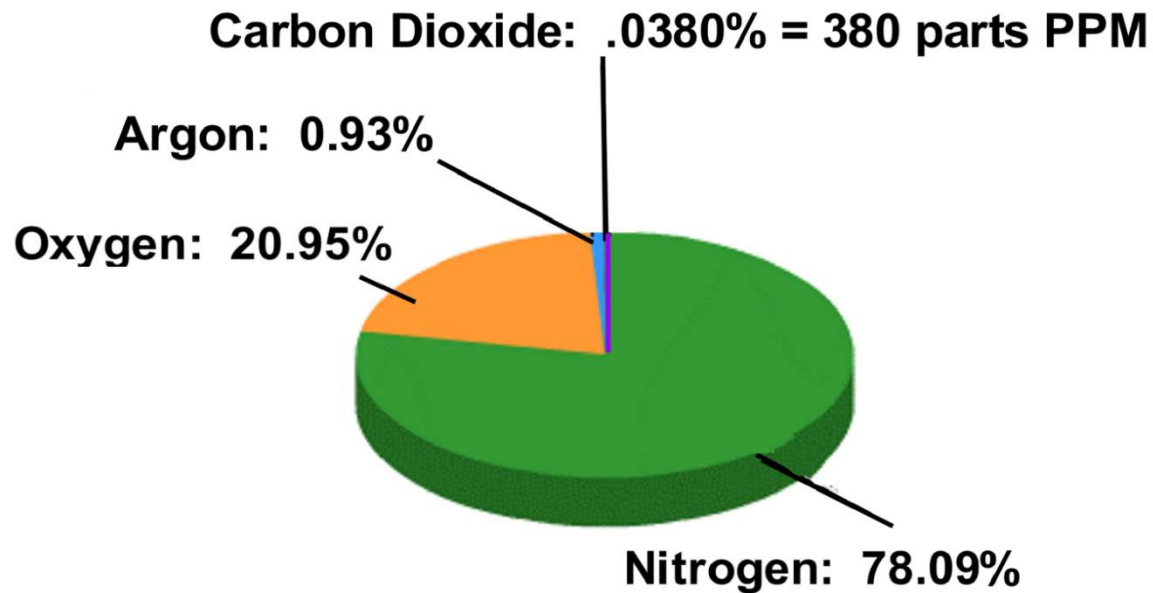


**CO<sub>2</sub>**



# COMPOSITION OF AIR

chart by amCharts.com



**200 years ago, around 1800, before the industrial revolution,  
atmospheric CO<sub>2</sub> was approximately 280 PPM**

# A PENNY'S WORTH OF CO<sub>2</sub>



If the Earth's atmosphere was a \$100 bill

\$ 78.08 would represent NITROGEN

\$ 20.95 would represent OXYGEN

\$ 0.93 would represent ARGON

200 years ago, prior to the wide-spread use of fossil fuels, 3 cents would represent the CARBON DIOXIDE (CO<sub>2</sub>) in the atmosphere (280 PPM)

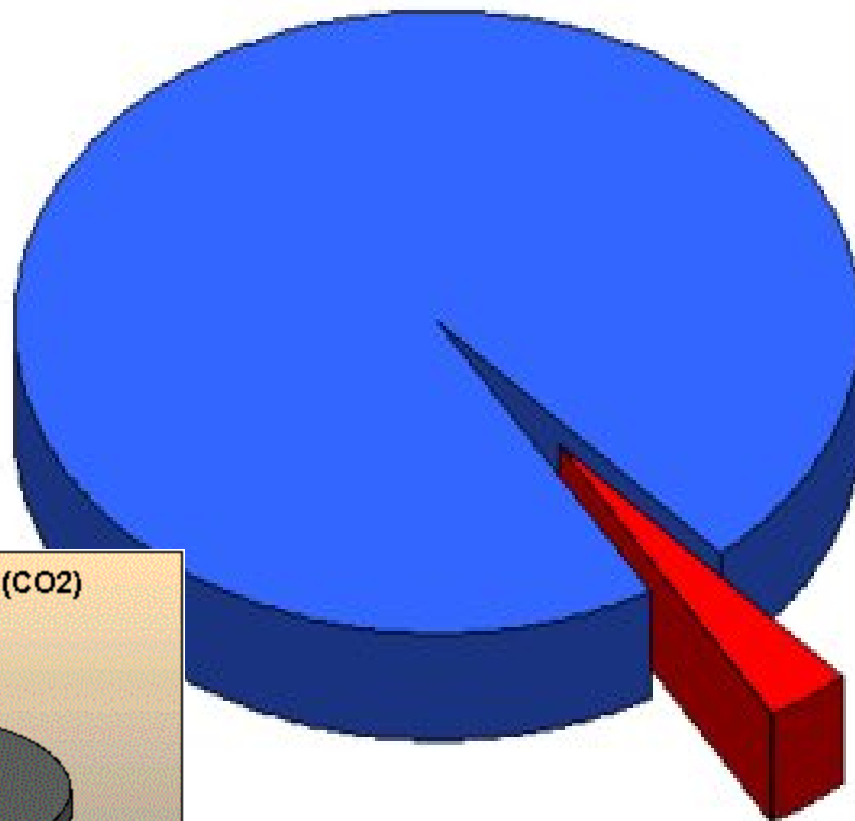


Over the last 200 years, 1 cent would represent the CO<sub>2</sub> that has been added to the Earth's atmosphere (currently measured at **380 PPM VS 280 PPM** 200 years ago).



**It is this amount of CO<sub>2</sub> upon which man-made global warming advocates depend to advance their theory.**

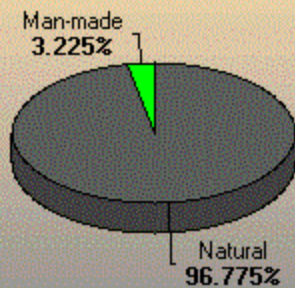
# Atmospheric CO<sub>2</sub> Sources



■ Nature

■ Man

## Carbon Dioxide (CO<sub>2</sub>)



# Greenhouse Gases In The Atmosphere

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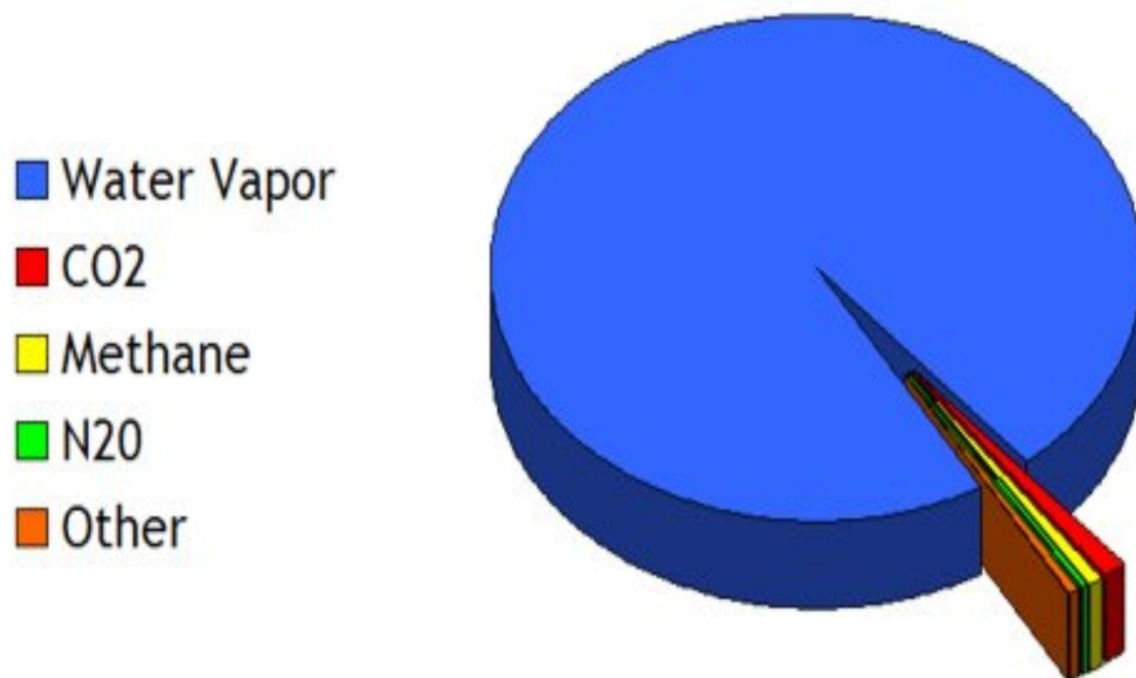
**Water vapor comprises approx. 95% of the greenhouse gas envelope.**

**Carbon dioxide is no more than 4% .**

**Of that 4%, mankind contributes a little more than 3%.**

**3% of 4% = 0.12% man made CO2 in the atmosphere**

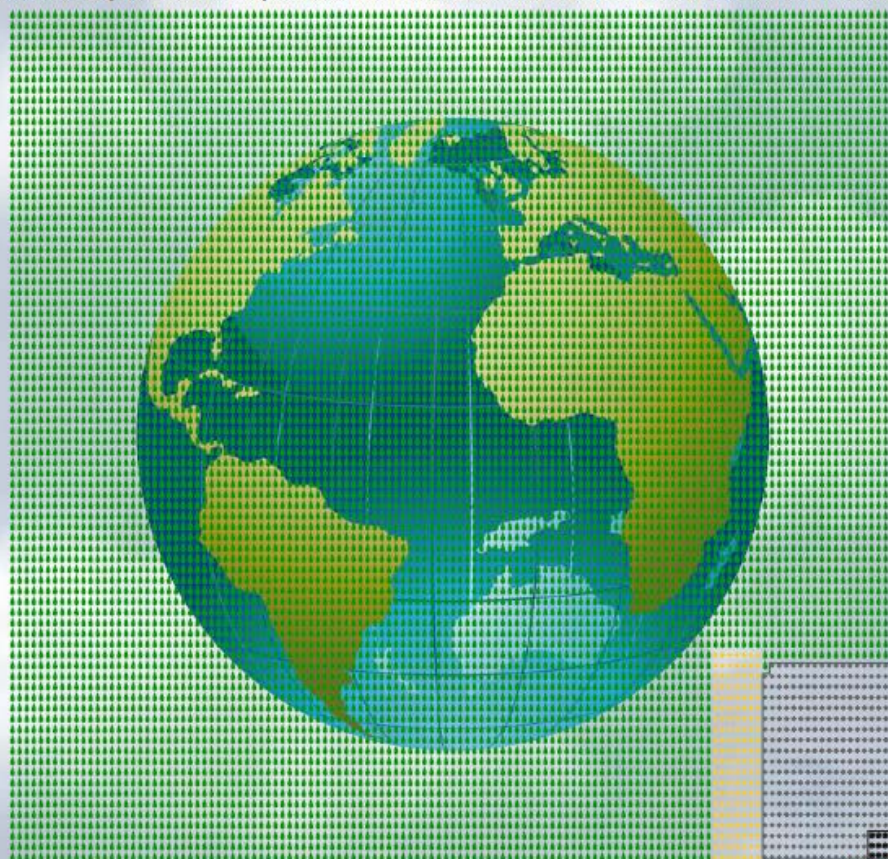
**Jay Lehr....Heartland Institute**





## WATER VAPOR IS EARTH'S PREDOMINANT GREENHOUSE GAS MAN-MADE CARBON DIOXIDE HAS NEGLIGIBLE IMPACT ON EARTH'S TEMPERATURE

THE 10,000 SYMBOLS (DROPLETS AND DOTS) REPRESENT THE PROPORTIONAL PRESENCE OF ALL GASES IN EARTH'S GREENHOUSE ENVELOPE



DATA SOURCE: [http://www.geocraft.com/WVFossils/greenhouse\\_data.html](http://www.geocraft.com/WVFossils/greenhouse_data.html)

- 💧 WATER VAPOR...9,500 GREEN DROPLETS 95%\*
- CARBON DIOXIDE (CO<sub>2</sub>): 3.6%\*
  - NATURALLY OCCURRING CO<sub>2</sub>...348 GRAY DOTS 3.48%\*
  - MAN-MADE CO<sub>2</sub>...12 BLACK DOTS 0.12%\*
- NITROUS OXIDE, METHANE, MISC...140 YELLOW DOTS 1.4%\*

\*PERCENTAGE OF EARTH'S TOTAL GREENHOUSE ENVELOPE

MAN-MADE  
CO<sub>2</sub>

NATURALLY OCCURRING WATER VAPOR IS EARTH'S PREDOMINANT GREENHOUSE GAS, BENEFICIALLY RETAINING THE SUN'S RADIANT HEAT SO THAT PLANT, ANIMAL, AND HUMAN LIFE CAN FLOURISH. WITHOUT WATER VAPOR, OUR EARTH WOULD FREEZE OVER, MAKING PLANET EARTH UNINHABITABLE.

CARBON DIOXIDE PLAYS A SMALL ROLE IN RETAINING THE SUN'S HEAT. 96.6% OF ATMOSPHERIC CO<sub>2</sub> IS PRODUCED BY NATURE AS REPRESENTED BY THE 348 GRAY DOTS. MAN'S ADDITION TO THE TOTAL AMOUNT OF CO<sub>2</sub> IS NEGLIGIBLE, AS REPRESENTED BY THE 12 BLACK DOTS.

THE GOAL OF GLOBAL WARMING ALARMISTS IS TO REDUCE CO<sub>2</sub> EMISSIONS SO THAT OVER DECADES OF TIME THESE 12 DOTS MIGHT BE DECREASED TO PERHAPS 8 OR 9 DOTS.

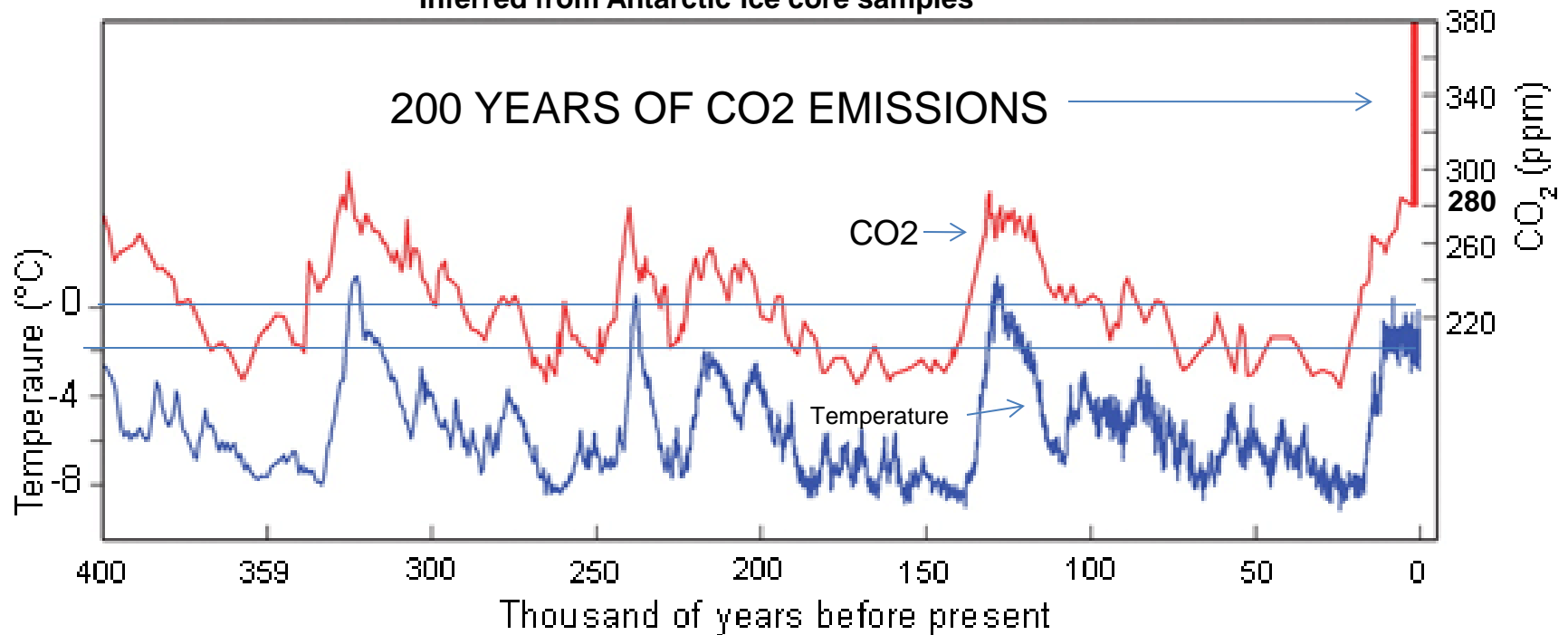
REDUCING MAN-MADE CO<sub>2</sub> WILL HAVE NO MEASURABLE EFFECT ON EARTH'S TEMPERATURE READINGS.

### LET'S LOOK AT THAT GREENHOUSE

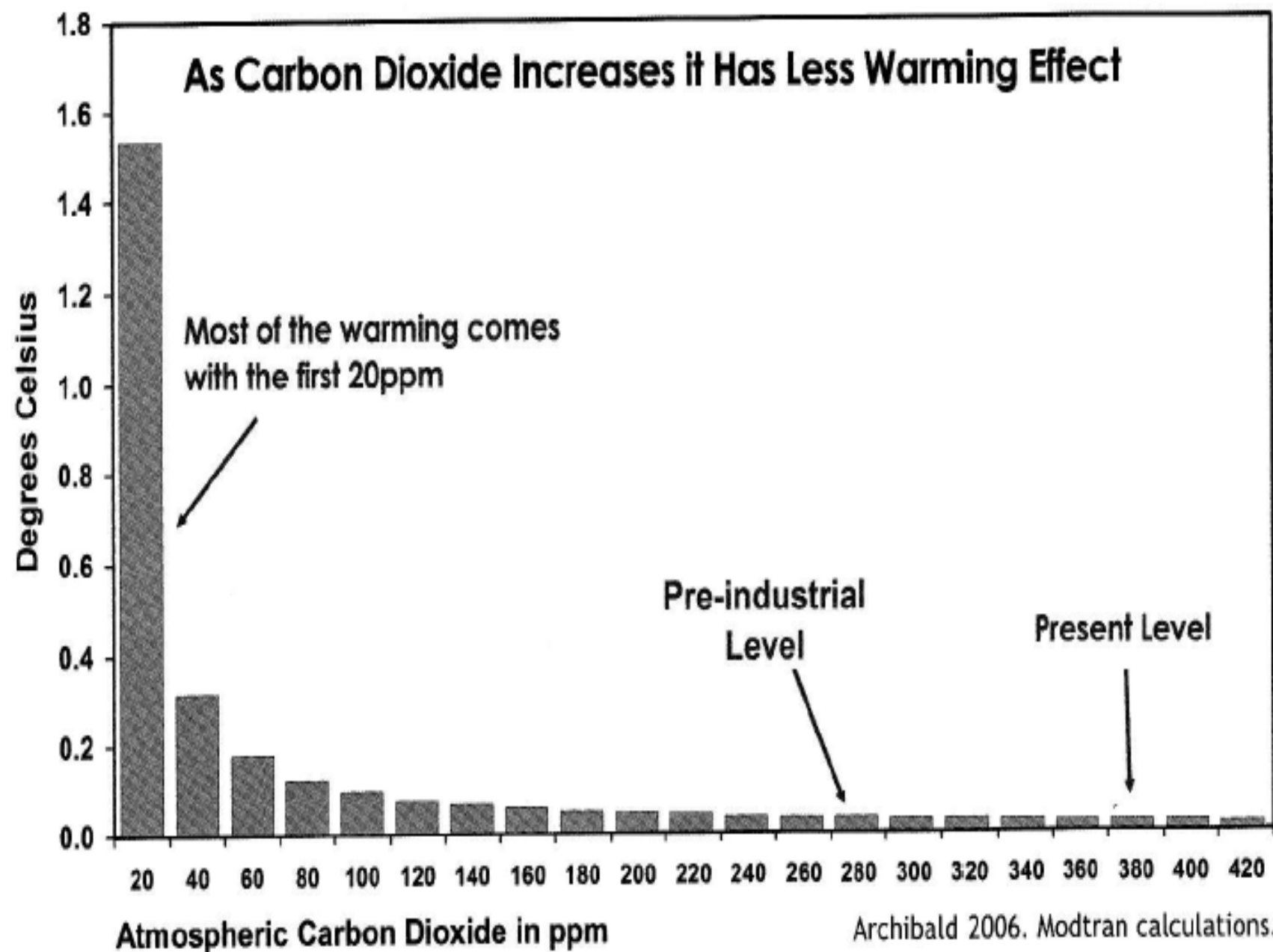
Reducing our so-called "Carbon Footprint" by encouraging renewable energy and restricting fossil fuel development makes no sense when the actual composition of the greenhouse is considered. This one-page graphic shows that water vapor is the overwhelming predominant component of our vital protective greenhouse envelope. Far from being detrimental, greenhouse gases retain the sun's radiant heat and keep planet Earth from becoming frozen and uninhabitable. Despite the science that contradicts them, the so-called "warmists" contend that man's CO<sub>2</sub> emissions are somehow harmful to our existence. This pictorial representation of the greenhouse envelope clearly demonstrates that man-made CO<sub>2</sub> emissions are relatively so tiny that they are of negligible impact and must be viewed accordingly.

**Figure 1: Changes in Carbon Dioxide and Temperature in the last 400,000 years**

Inferred from Antarctic ice core samples



- Temperatures spiked warmer than present levels at 325m, 240m and 125m years ago *as a natural occurrence*
- Changes in **CO<sub>2</sub>**(red line) FOLLOW changes in temperatures. (ref Al Gore movie).



Archibald 2006. Modtran calculations.



# **The greenhouse effect is essential to life on Earth.**

The American Heritage® Science Dictionary

Without greenhouse gases Earth would be frozen solid, its global average temperature approximately -18 degrees C, or zero degrees F. We are currently in a paradise for humanity with an average global temperature of 59 degrees.

H. Leighton Steward, "Fire, Ice and Paradise"

**Earth's current atmospheric CO<sub>2</sub>  
concentration is almost  
390 parts per million (ppm).**

**Adding another 300 ppm of CO<sub>2</sub> to the  
air has been shown by literally  
thousands of experiments to greatly  
increase the growth or biomass  
production of nearly all plants.**

# CO<sub>2</sub> is Green and Green is Good!

More CO<sub>2</sub> in the air means  
more plant growth.



# Plants Need CO<sub>2</sub>

## Carbon Dioxide Is Green



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