

“Catalysis Virtual 2020”

Keynote Address

Discovery: Reduction in photosynthesis correlation to atmospheric CO₂ increase.

“Catalysis Virtual 2020”

► Agenda

- I-Atmospheric CO2 is not an emissions issue
- II-Sea Level Rise is not accelerating
- III-COVID-19 data
- Summary

I-Atmospheric CO₂ is not an emissions issue

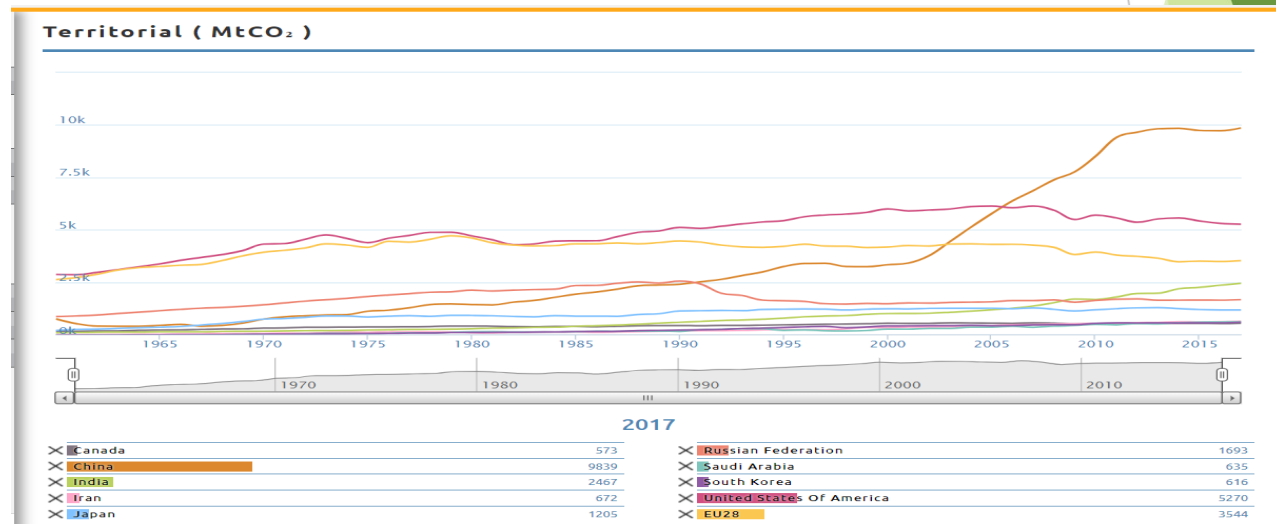
- ▶ Follow the data
- ▶ Global carbon atlas.
- ▶ Why its not our emissions
- ▶ Where we are
- ▶ Mauna Loa CO₂ Growth Rate
- ▶ Where we are going
- ▶ Future
- ▶ Photosynthesis issues
- ▶ Correct solution for Atmospheric CO₂ with results!
- ▶ Global Warming Potential

Follow the data Not an Agenda

- ▶ Use all the data- don't cherry pick
- ▶ See what the data says.
- ▶ Perform statistical analysis.
- ▶ All models much be verified with actual data.
- ▶ This presentation is the result of following the data.
- ▶ Nature Climate Change is a farce Journal. Chief Editor Ph. D. is Political Science

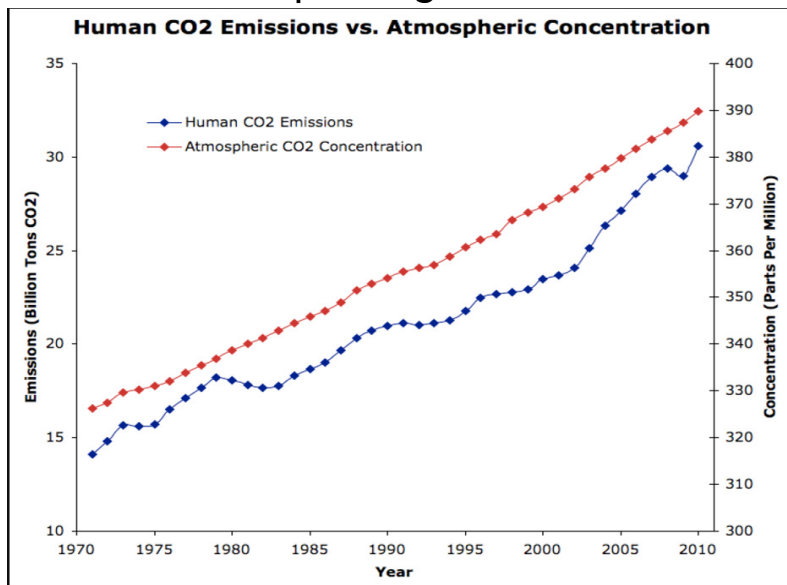
Global Carbon Atlas

- ▶ USA 2006: 6131 MtCO₂ and in 2018: 5270 MtCO₂ --a 16% decrease of CO₂.
- ▶ Europe 1990: 4479 MtCO₂ and in 2018: 3544 MtCO₂ --a 21% decrease of CO₂.

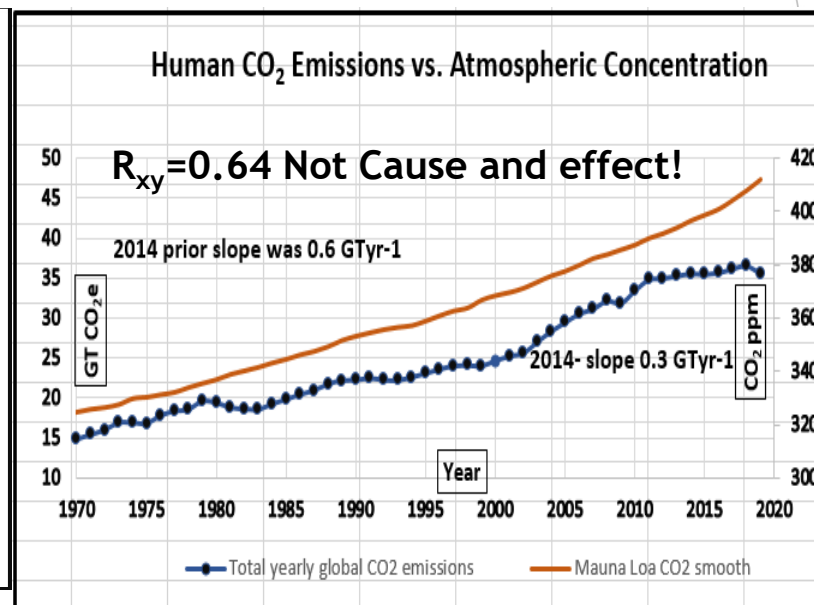


Where we are

After spending \$2.8 trillion we have:



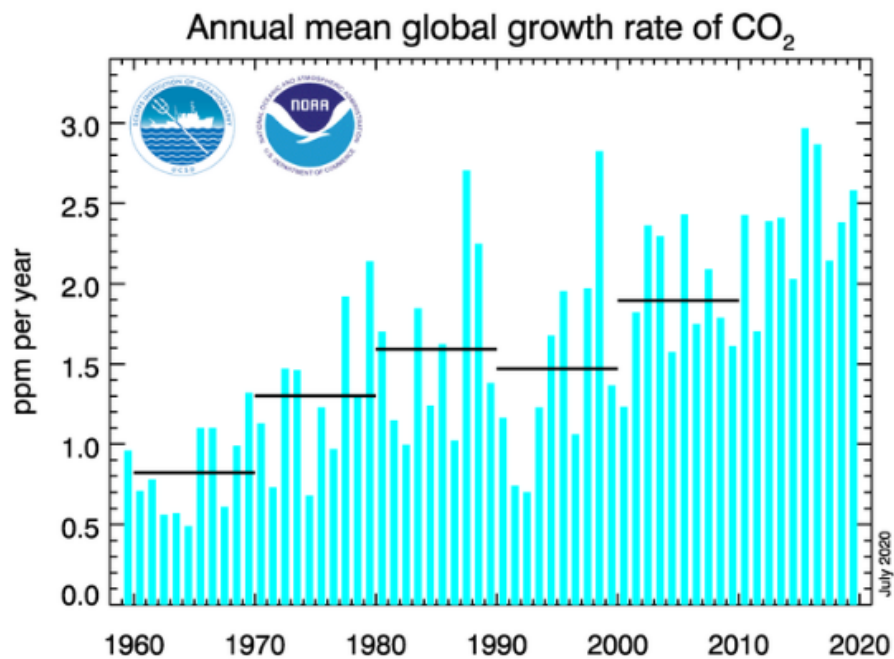
2008 $r_{xy}=0.87$



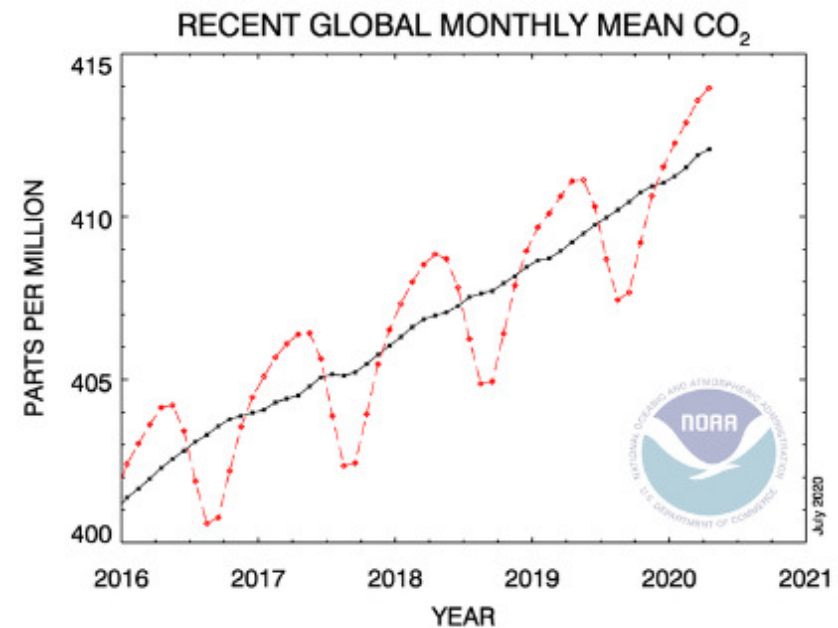
2020 $r_{xy}=0.64$

Mauna Loa CO₂ Growth Rate

Annual mean global CO₂ growth rate in increasing.



Catalysis Virtual 2020



Where we are going

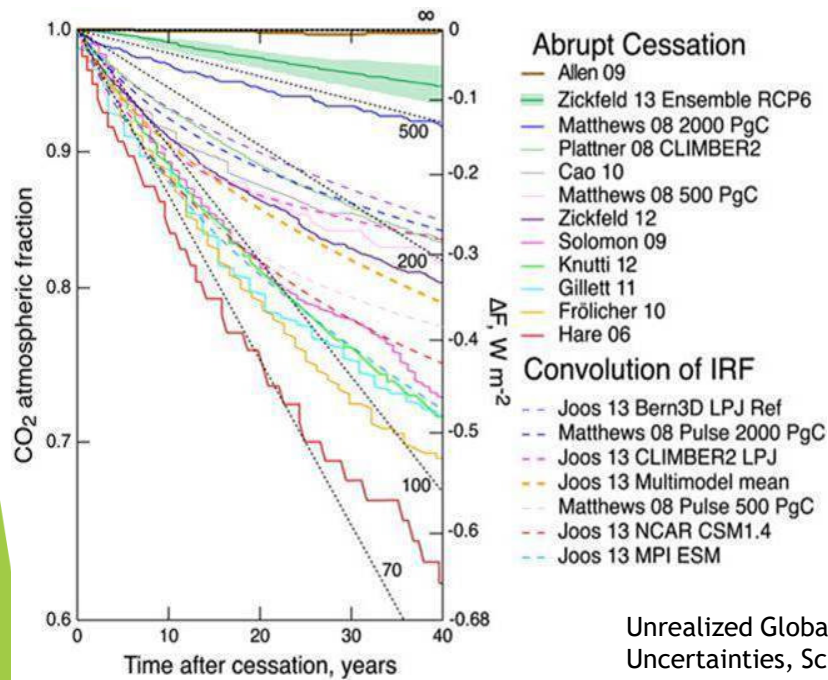
► Facts

- Minimum residence time 150 years. Was 5 years
- Most work is on carbon emission reduction
 - Reforestation efforts in China and North America ongoing.
- Atmospheric CO₂ is “Extra” that is not consumed in photosynthesis

► Assumptions

- Keep current carbon emissions level at 36 billion metric tons annually.
 - Decreases of carbon emissions will be offset by increases in population
- Atmospheric CO₂ stays the same slope.
- At 100 years no more oil so carbon dioxide emissions drop by 30%

Residence Time of Atmospheric CO₂

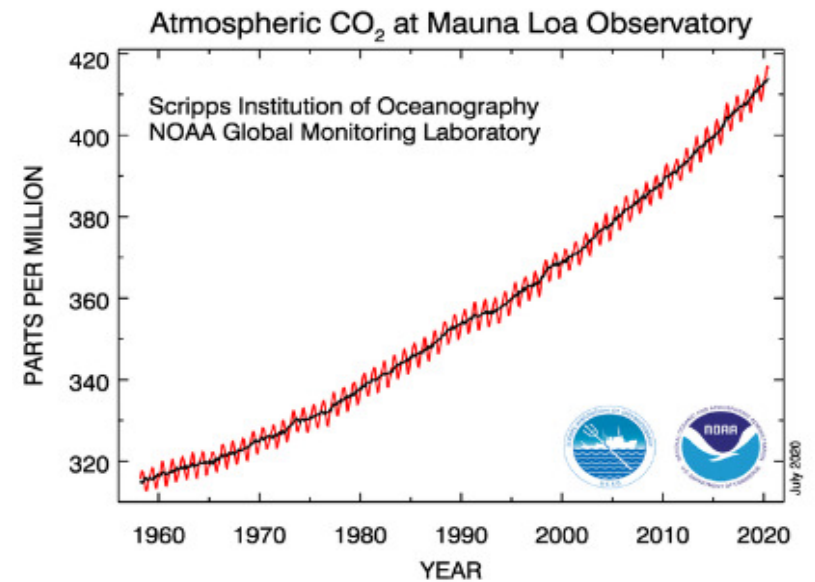


Residence Time (Years)	Author	Year
>700	Allen	2009
610	Zickfeld	2013
500	Matthews	2008
300	Plattner	2008
270	Cao	2010
230	Zickfeld	2012
220	Solomon	2012
220	Knutti	2012
210	Gillett	2011
180	Frölicher	2010
150	Hare	2006

Unrealized Global Temperature Increase: Implications of Current Uncertainties, Schwartz, S. E. J. Geophys. Res. , 2018, doi: 10.1002/2017JD028121.

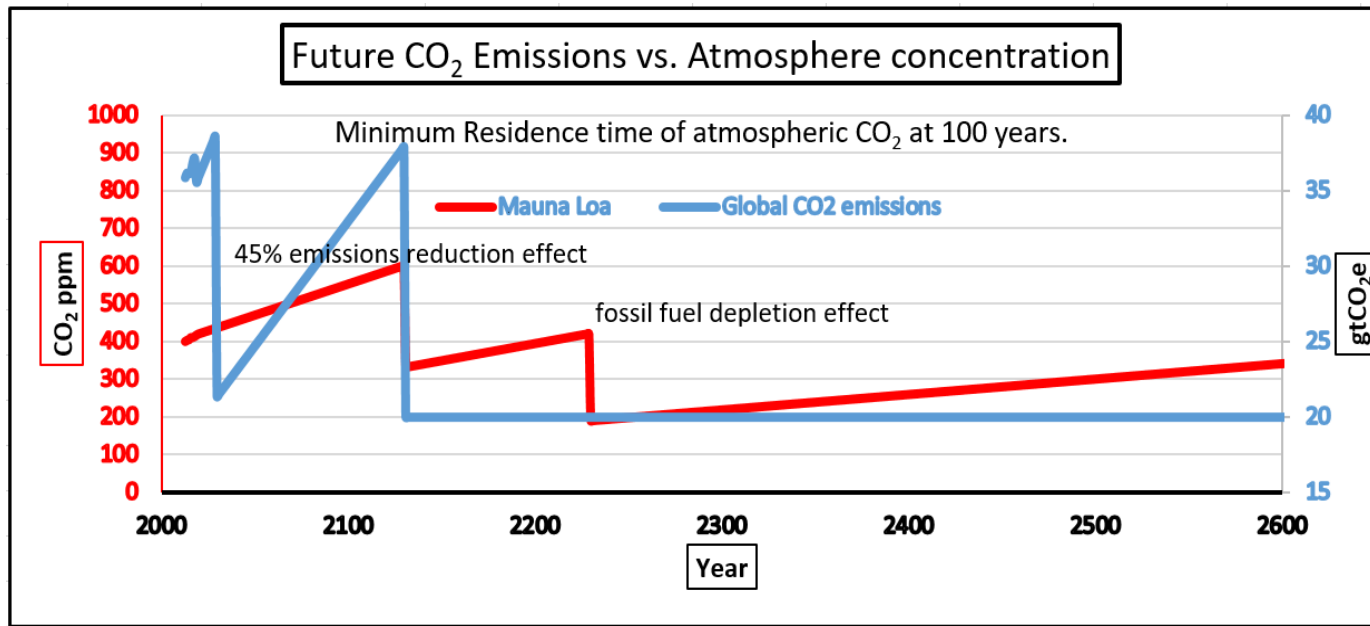
Residence Time

- ▶ Another way to look at residence time is a signature from past events, which lowered CO₂ emissions.
- ▶ Oil embargo in the 1970's
- ▶ Multiple recessions
- ▶ Worldwide recession in 2009.
- ▶ COVID-19 pandemic.
- ▶ **You can clearly see no signature from these events.**

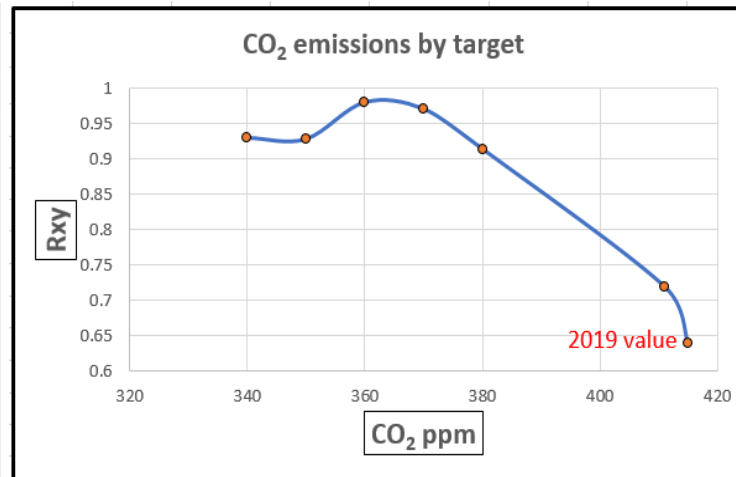
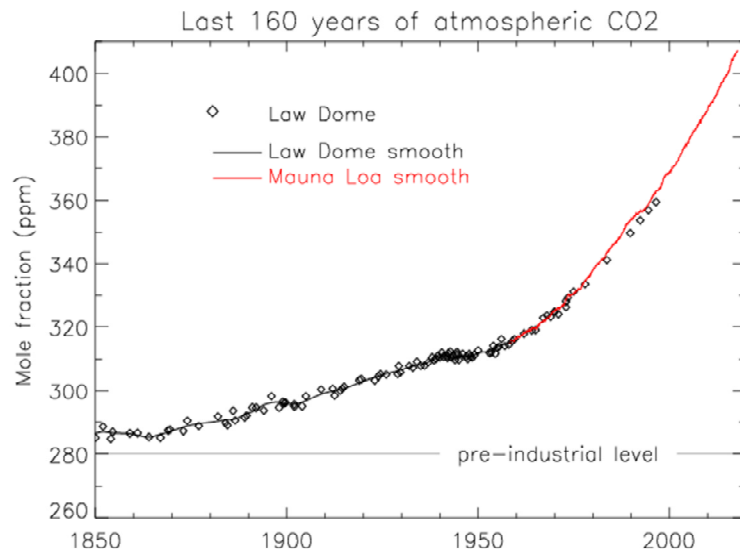


Future with residence time 100 years.

- ▶ CO₂ emissions correlation shrinks with passing of time.
- ▶ Goes to zero at 580 ppm, Year 2060

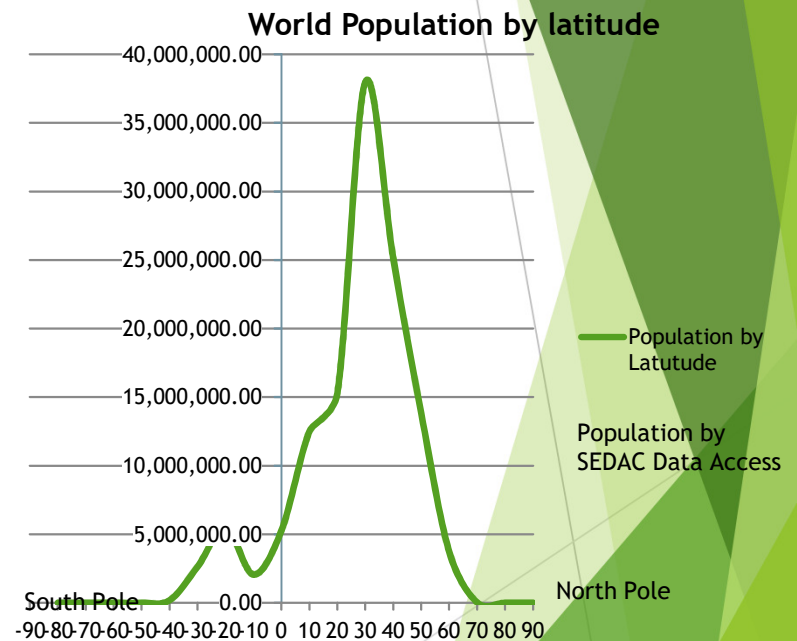
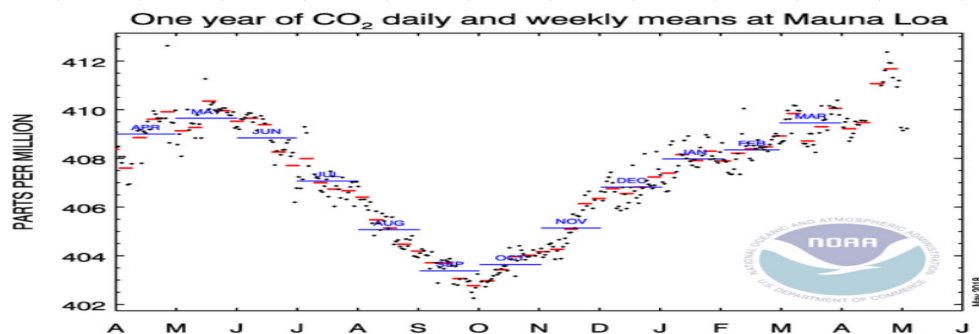
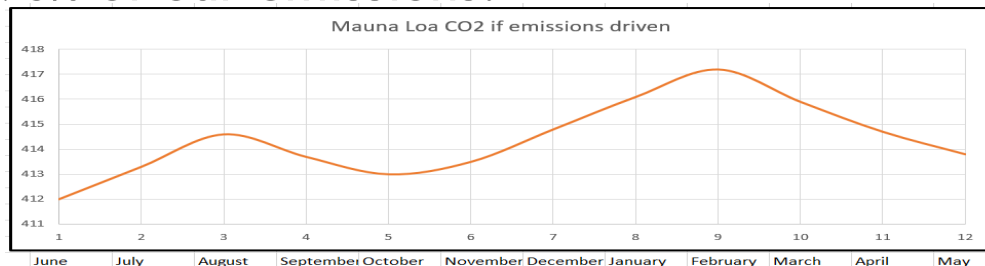


Pearson's regression

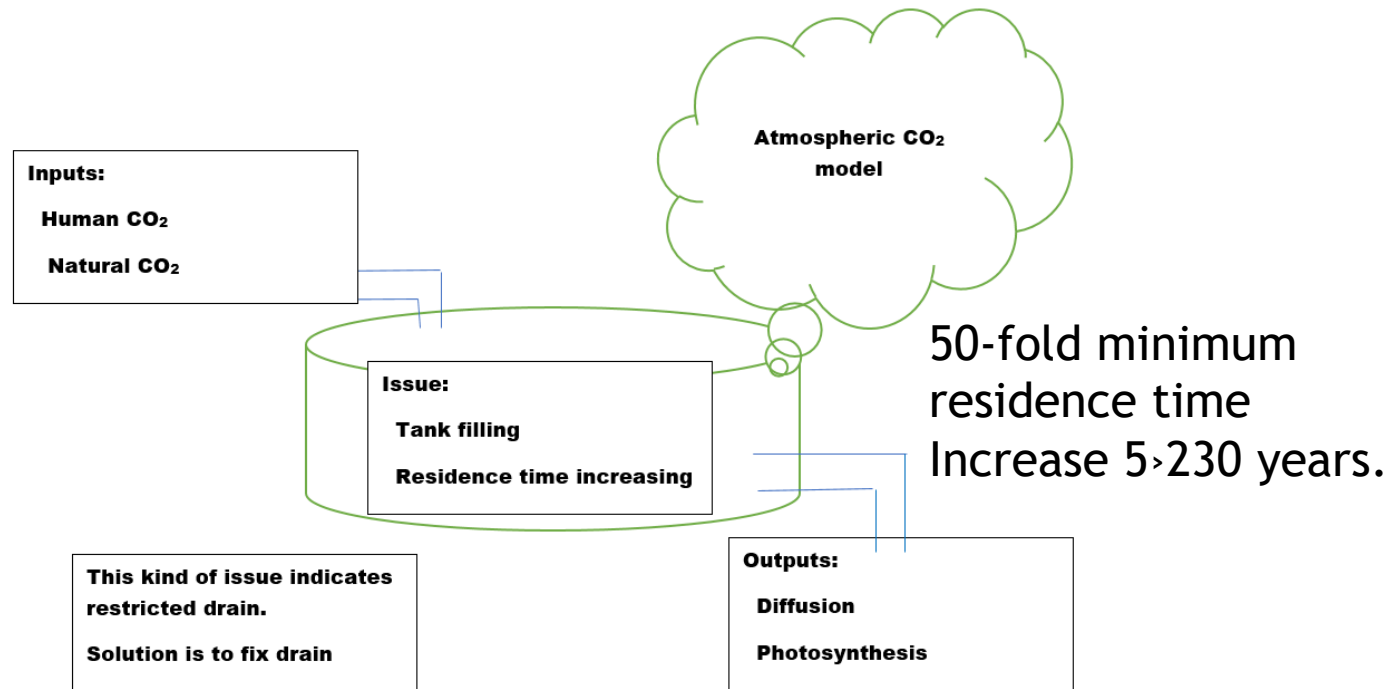


Why its not our emissions

- ▶ 90% of People live in Northern Hemisphere
- ▶ 90% of our emissions:



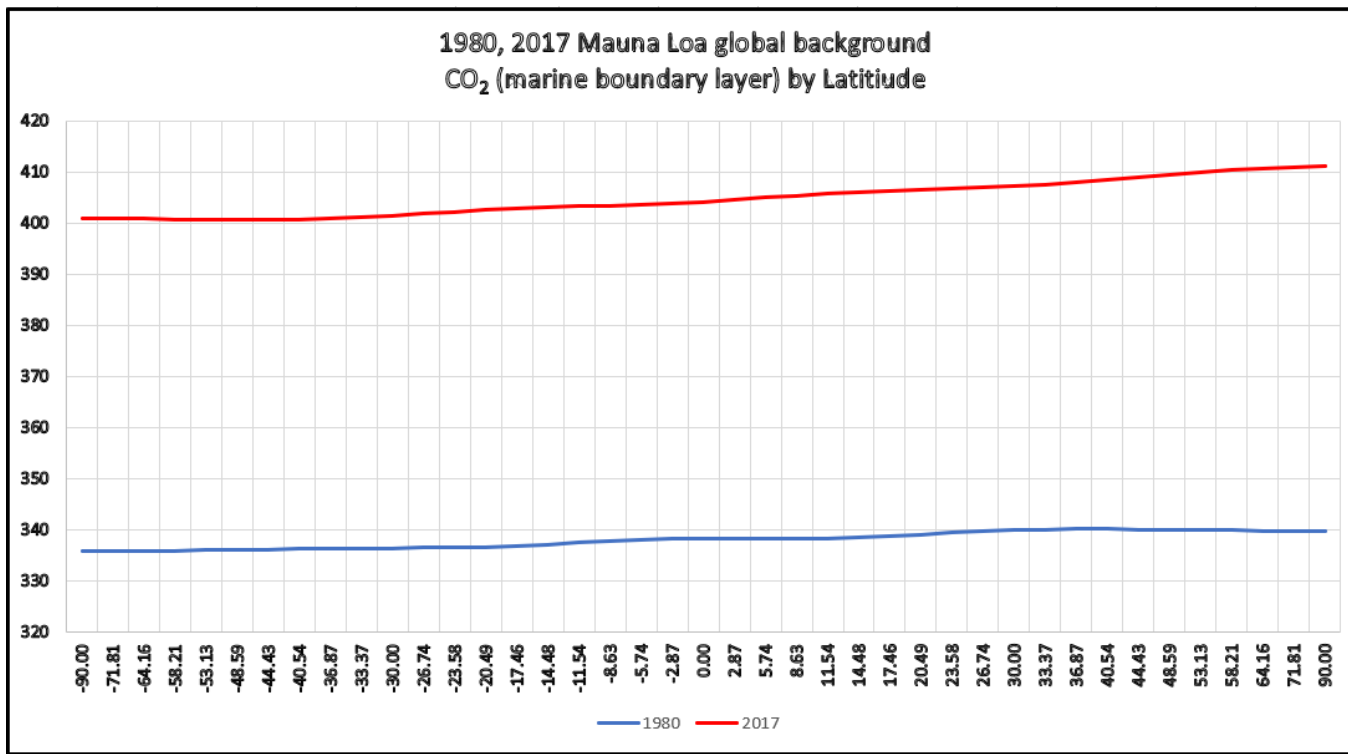
Atmospheric CO₂ Tank Model



What Photosynthesis could be 55 ppm?

Atmospheric CO₂ by latitude

- CO₂ mixed by atmospheric winds.

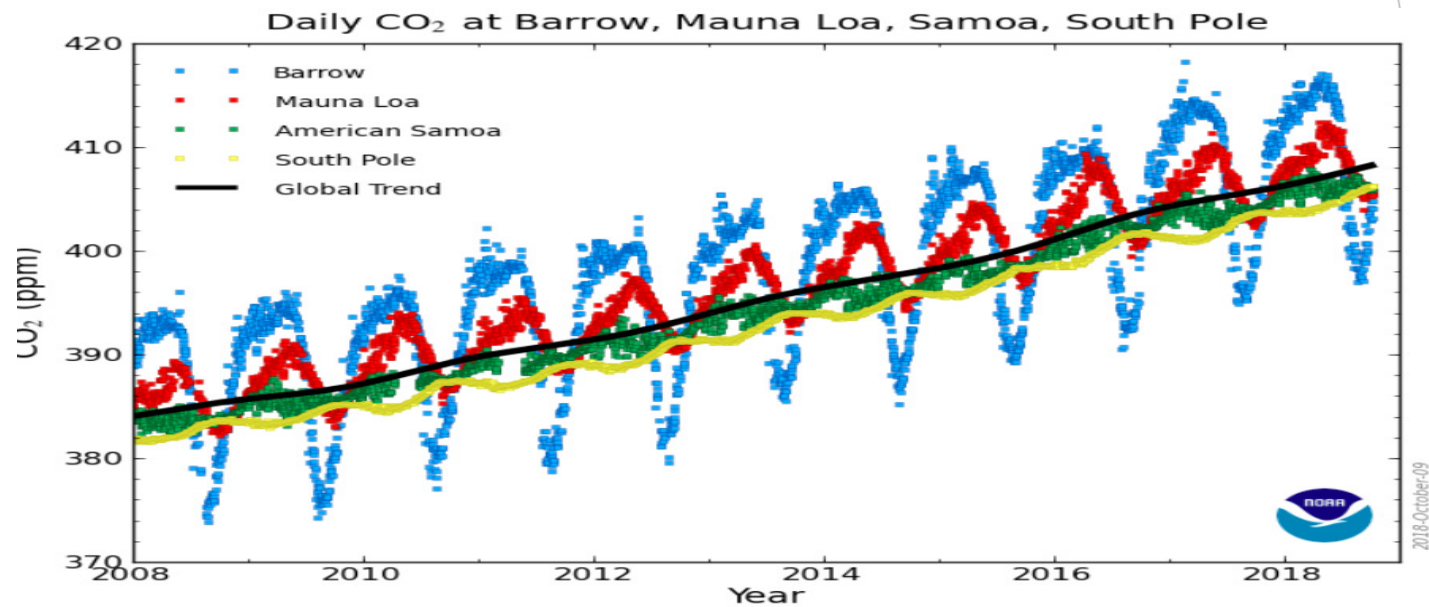


Catalysis Virtual 2020

Courtesy
Pieter Tans
Mauna Loa

Mauna Loa harmonic trend

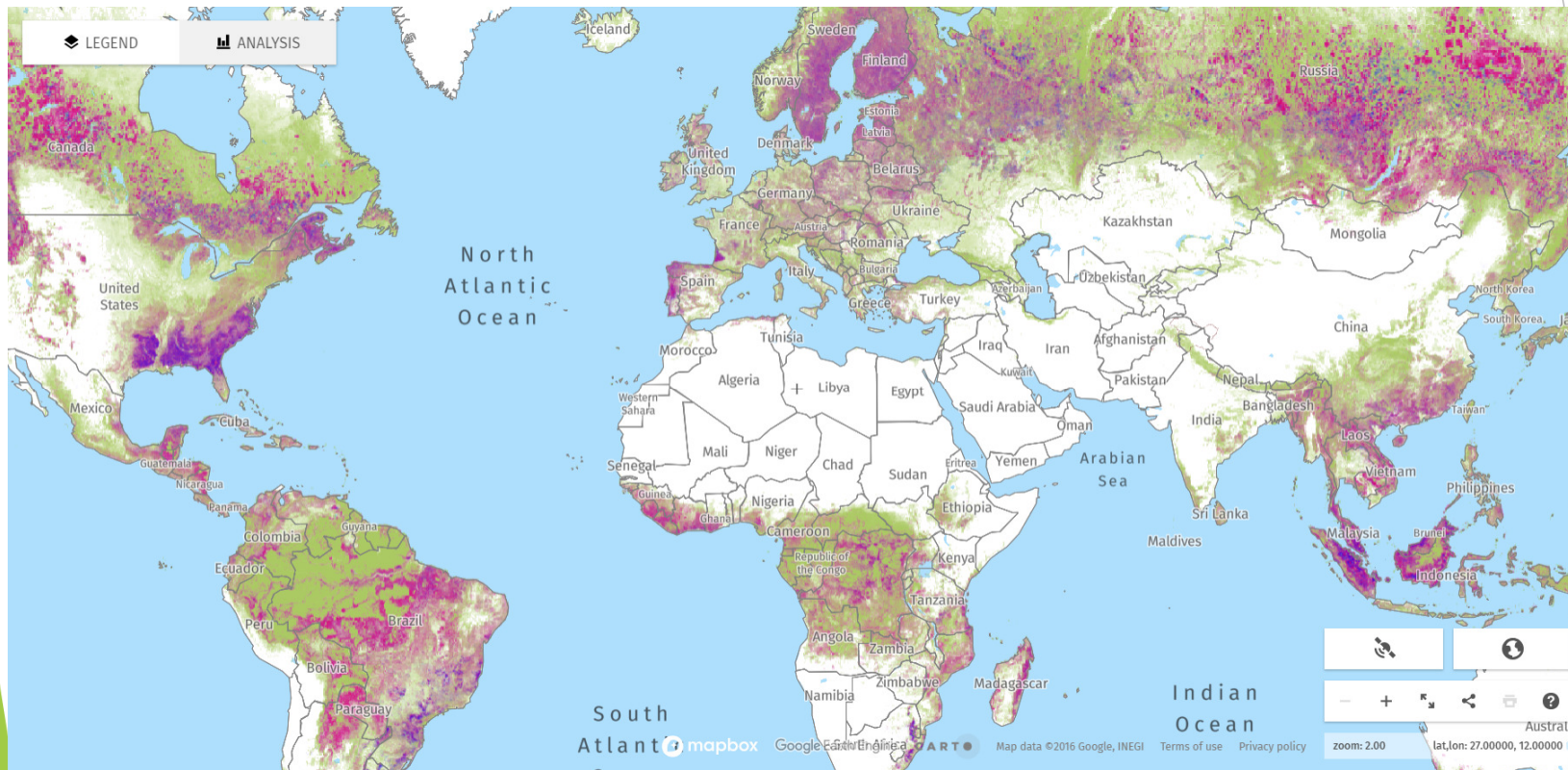
Strong (yellow line) at south pole



Photosynthesis issues

- ▶ City sprawl is 1 billion tons lost CO₂ consumption annually
- ▶ IPPC forestry estimates 2-3 billion tons lost CO₂ consumption annually from bio-mass burning.
- ▶ Deforestation of 30 million acres annually in Amazon Rain-forest is 90 million tons lost CO₂ consumption. Total of 60 billion tons lost since 1950.
- ▶ More than 300 billion tons lost CO₂ consumption annually from Amazon Rain-forest switching. 19x our emissions output.
- ▶ 37 billion tons of human emissions, 3 billion are deforestation issues. The switch over of the amazon to an oxygen sink and carbon dioxide producer is 15 billion tons of unaccounted for CO₂ annually.

globalforestwatch.org/map



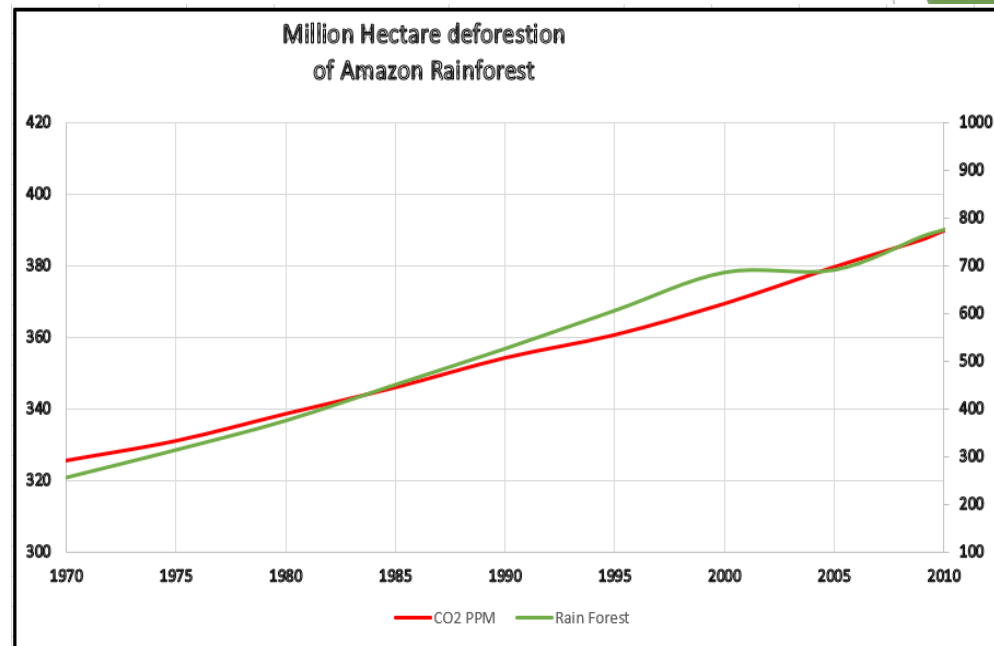
Photosynthesis issues

- ▶ Northern Hemisphere forests are not consuming nearly as much carbon dioxide as most climate change scientists claim. (Northern Hemisphere (NH) forests consume 2.6 gtyr^{-1} (2.6 billion tons per year) of carbon dioxide. We have 36 gtyr^{-1} (36 billion tons per year) in CO_2 emissions. This is not what lowers Mauna Loa in the NH summer with more economic activity and more CO_2 emissions. <http://www.eeb.cornell.edu/goodale/2002%20GoodaleEcolAppl.pdf>)
- ▶ We have a five-times increase in emissions of CO_2 mainly due to fossil fuel burning.
- ▶ We have a forty-times decrease in photosynthesis consumption of carbon dioxide, primarily due to non-sustainable deforestation, such as in the Indian and Amazon Rainforests. <http://globalforestwatch.org/map>
- ▶ Atmospheric CO_2 never lowers as a result of working on fossil fuel CO_2 emissions. (See https://cctruth.org/residence_time.pdf).
- ▶ All tropical forests in the Southern Hemisphere have switched to become oxygen consumers and carbon dioxide producers due to organic decay. (<https://science.sciencemag.org/content/358/6360/230/tab-pdf>)
- ▶ We need to get to a true equilibrium (that is, NetZeroCO₂e) to be able to lower atmospheric carbon dioxide. (NetZeroCO₂e value is 8.6 gtyr^{-1} , i.e., 8.6 billion tons per year balance or equilibrium).
- ▶ The World Economic Forum has rightly said that we need to plant 1 trillion trees, which will—in just ten years--drain the atmosphere quickly by increasing the consumption of CO_2 (by 30 gt to 100 gtyr^{-1}).

Amazon Rain-Forest

year	x	-71.81	xbar	ybar	xi-xbar	yi-ybar	(xi-xbar)(yi-ybar)	(x-xbar)(x-xbar)	(y-ybar)(y-ybar)
	CO ₂ PPM	-71.81	369.7831	622.3462					
1970	325				-44.7831	-367.146	16441.93445	2005.523979	134796.2983
1975	331.2				-38.5831	-309.146	11927.80983	1488.653825	95571.34444
1980	339				-30.7831	-247.646	7623.310604	947.5978249	61328.61751
1985	346.12				-23.6631	-172.146	4073.50768	559.9412095	29634.29828
1990	354.39				-15.3931	-96.6462	1487.68168	236.9468172	9340.479053
1995	360.82				-8.96308	-16.6462	149.2007574	80.33674793	277.0944379
2000	369.55				-0.23308	63.35385	-14.76631953	0.054324852	4013.709822
2005	379.8				10.01692	68.35385	684.6952189	100.3387479	4672.248284
2010	389.9				20.11692	152.9538	3076.960757	404.6905941	23394.87905
2014	398.6				28.81692	209.3538	6032.93368	830.4150556	43829.0329
2015	400.8				31.01692	223.4538	6930.850757	962.0495172	49931.62136
2016	404.2				34.41692	238.4538	8206.84768	1184.524594	56860.23675
2017	407.8				38.01692	253.4538	9635.535373	1445.28644	64238.85213
							76256.50215	10246.35968	577888.7123
					bottom	76949.7			
					top	76256.5		rxv=	0.990991607

$$r_{xy} = 0.99$$



CO₂ Emissions correlation 363, Rain-forest photosynthesis lost 55 ppm.

Amazon Rain-forest

2 Billion acres deforested since 1950.

1950 start deforestation

1957 Atmospheric Carbon Dioxide started current increase

1970's trees and plants toppling over.

Burning of bio-mass each acre causes minimum 1 billion CO₂ release annually (6 months).

The massive release caused plants to grow to fast causing toppling and massive decay.

1990's Changeover to oxygen sink and carbon dioxide producer.

Massive decay causing the rain-forest to change to an oxygen sink and carbon dioxide producer.

One billion annual tons of carbon dioxide from biomass burning.

60 billion tons annual CO₂ consumption lost from deforestation.

300-400 billion tons annual CO₂ consumption loss from the switch over.

10-15 billion tons emissions from decay per annum

We have lost 20%+ of Earths Oxygen production.



Catalysis Virtual 2020

Annual Carbon dioxide

- ▶ Of the 36 billion annual tons of CO₂ emissions. Amazon rain forest are 15 billion tons of additional carbon dioxide annually
- ▶ The current NETZeroCO₂E equilibrium value is 8.6 Gtyr⁻¹
- ▶ Northern Hemisphere forests are not consuming nearly as much carbon dioxide as most climate change scientists claim. (Northern Hemisphere (NH) forests consume 2.6 gtyr⁻¹ (2.6 billion tons per year) of carbon dioxide. We have 36 gtyr⁻¹ (36 billion tons per year) in CO₂ emissions. This is not what lowers Mauna Loa in the NH summer with more economic activity and more CO₂ emissions.
<http://www.eeb.cornell.edu/goodale/2002%20GoodaleEcolAppl.pdf>)
- ▶ Atmospheric carbon dioxide is not caused by carbon dioxide emissions from people burning fossil fuels. (All CO₂ emissions correlate to 363 ppm (parts per million) and are not the direct cause of the rise of CO₂ since 1957.)
- ▶ We have a five-times increase in emissions of CO₂ mainly due to fossil fuel burning.
- ▶ We have a forty-times decrease in photosynthesis consumption of carbon dioxide, primarily due to non-sustainable deforestation, such as in the Indian and Amazon Rainforests. <http://globalforestwatch.org/map>
- ▶ Atmospheric CO₂ never lowers as a result of working on fossil fuel CO₂ emissions.
https://cctruth.org/residence_time.pdf.
All tropical forests in the Southern Hemisphere have switched to become oxygen consumers and carbon dioxide producers due to organic decay. (<https://science.sciencemag.org/content/358/6360/230/tab-pdf>)

Correct solution for Atmospheric CO₂

- ▶ Moratorium on Rain-forest deforestation starting now! All nations need to put pressure on Brazil and all south America to stop this. Not one more acre.
- ▶ Plant native trees and shrubs all over the world. 3.5 billion new in 2019-2020. Increase Photosynthesis.
- ▶ Stop deforestation in India and everywhere which is not sustainable.

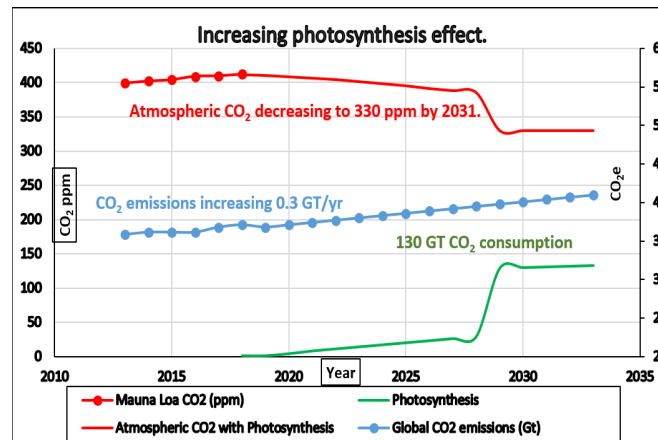
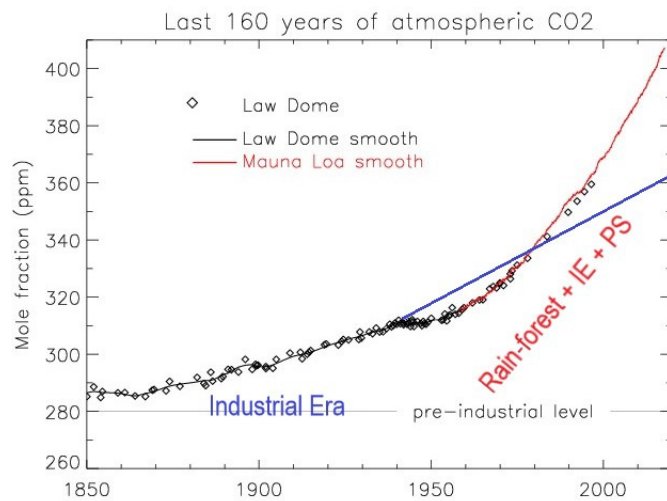
Planting Ideas

1. Provide space where public can come and plant trees and shrubs. All government-owned lands. Very small cost. Need website with document for each planting area.
2. Plant shrubs in all freeway medians and sides. This is revenue plus. Plant native shrubs at a minimal spacing so all light is used in photosynthesis. This will take in 1 ton of CO₂ emissions per acre per year right at the source. The space would not need to be mowed every week in the summer.
3. Get schools involved and planting massive number of trees and shrubs. In their property and the government property as in 1 above.
4. Parks can add trees and shrubs.
5. Tax incentive for business to plant trees and shrubs. Flat roofs which can structurally handle dirt can plant shrubs at minimum spacing and water using drip irrigation.
6. Wild fire attention. Get a retainer for the Jet plane and use it from the start on any wild fire.

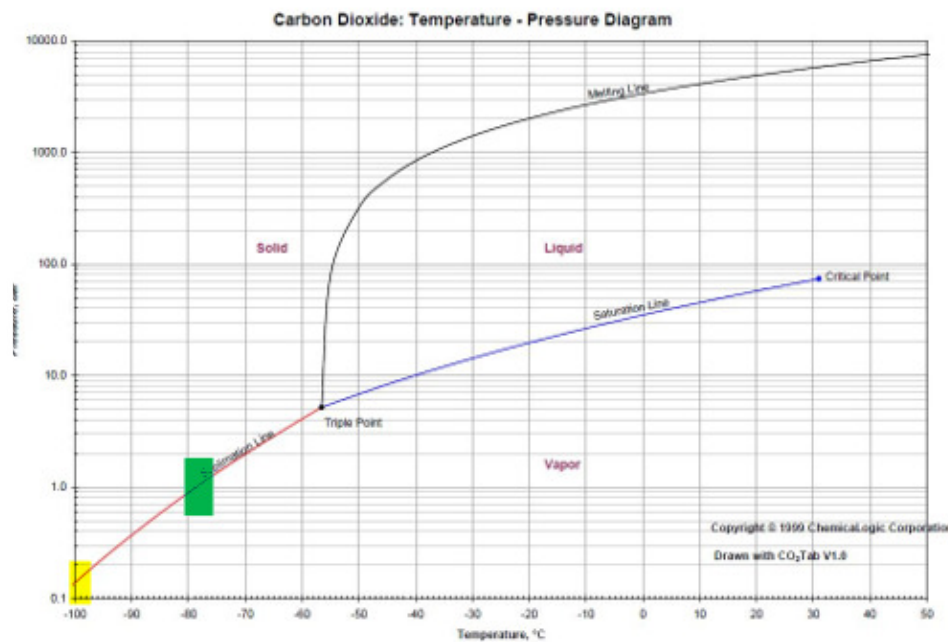
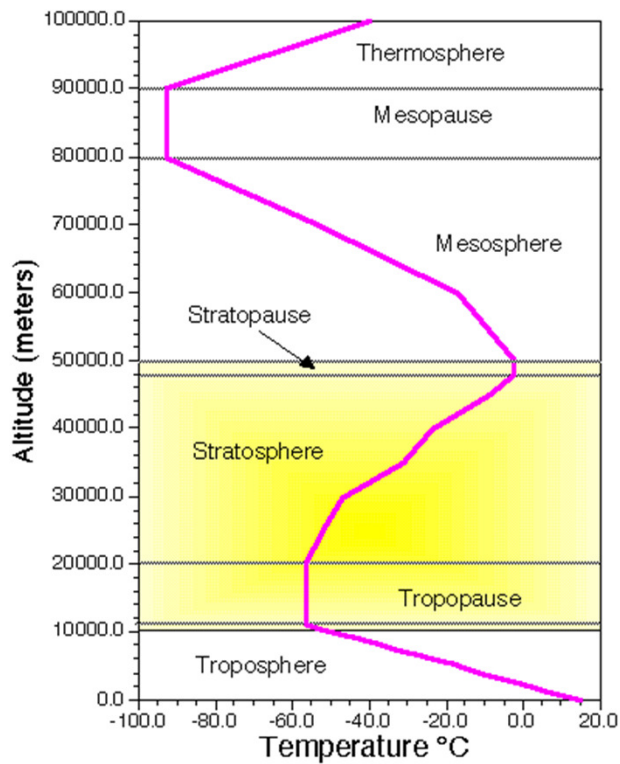
This all government policy document is on the home page of cctruth.org

New Paradigm

- ▶ We have worked on Carbon Dioxide Emissions.
- ▶ Lets work on Photosynthesis. Atmospheric CO₂ decrease by 2031.
- ▶ Drain atmospheric CO₂ like a bathtub.



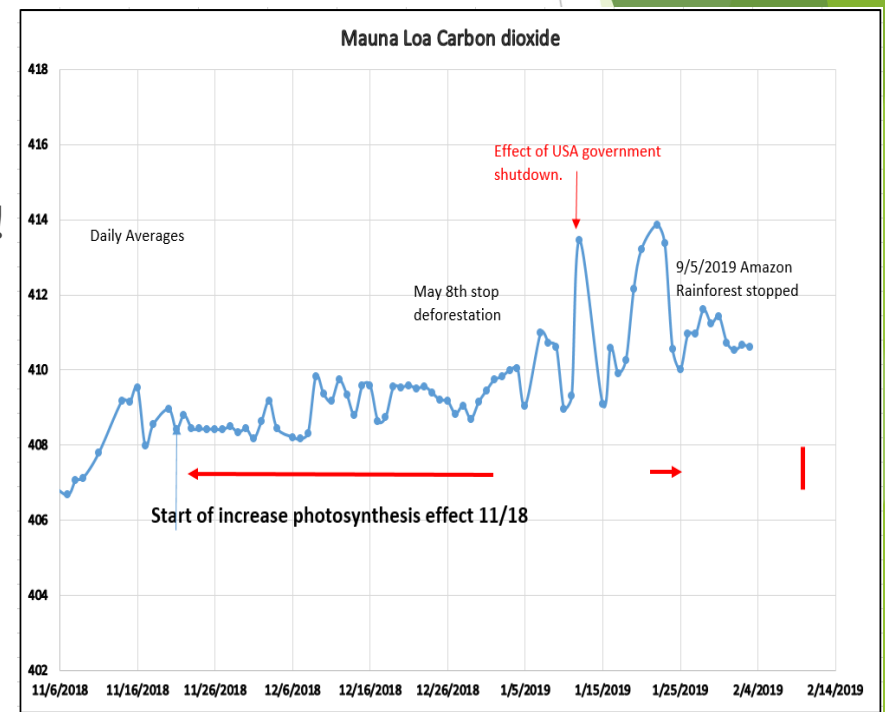
CO₂ does not freeze in Mesosphere



Pressure in Mesosphere is 1mb (1 millibar)

Results

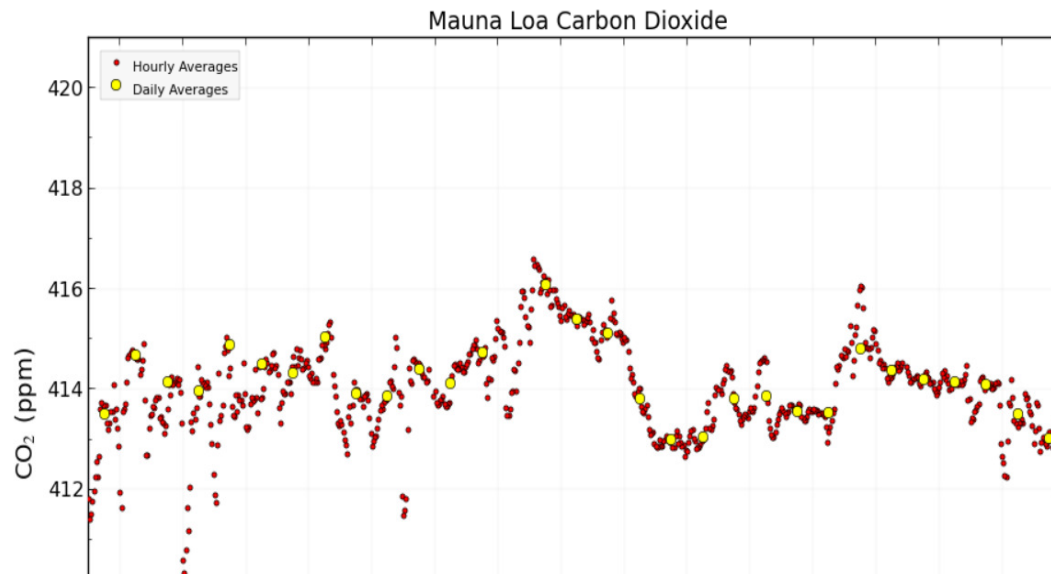
- ▶ With more than 1 billion trees planted and Indian Rain forest stopped deforestation.
- ▶ Atmospheric CO₂ went “flat” for the first time!
- ▶ Period of 1 month December 2019
- ▶ This year more than 4 billion trees and one rainforests stopped. Expect similar or longer flat period. Also this year minimum was Lower than normal (407.75-408.25)



Mauna Loa 2020

Recent Daily Average Mauna Loa CO₂

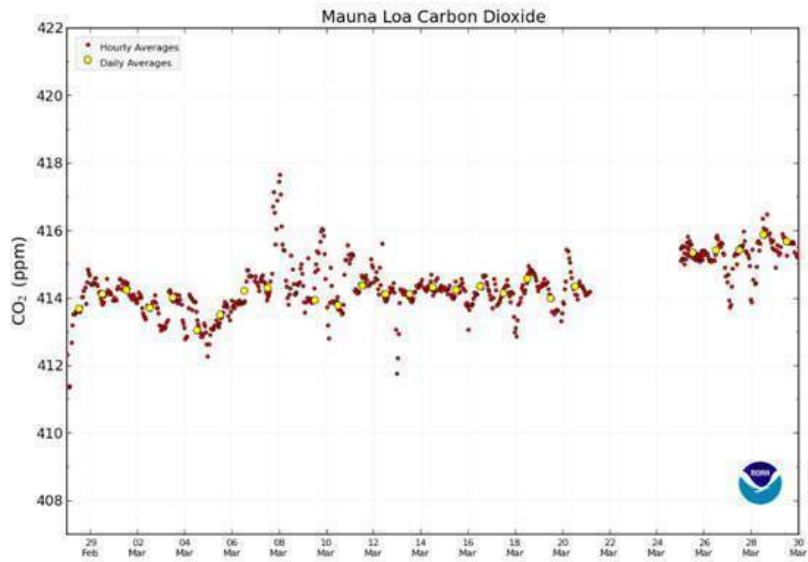
February 26: 413.02 ppm
February 25: 413.50 ppm
February 24: 414.09 ppm
February 23: 414.13 ppm
February 22: 414.18 ppm
Last Updated: February 27, 2020



Mauna Loa fraud

Recent Daily Average Mauna Loa CO₂

March 29: 415.68 ppm
March 28: 415.89 ppm
March 27: 415.43 ppm
March 26: 415.43 ppm
March 25: 415.34 ppm
Last Updated: March 30, 2020



The Department of Commerce Office of Inspector General (OIG) has received your correspondence and reviewed the information you provided. We have assigned complaint number 20-0641.

Catalysis Virtual 2020

After the analyzer was “fixed” NOAA Mauna Loa CO₂ data Increased by exactly 1.5ppm

Tweet to Amazon leaders

- ▶ @jairbolsonaro @MartinVizcarraC @alvorada_palace, @MichelTemer @Peru @IvanDuque @evoespueblo @MashiRafael @MOTPGuyana @govsuriname @maduro_en @Lenin
- ▶ Stop Deforestation NOW! Peru announced they will stop later this year!
<https://riotimesonline.com/brazil-news/rio-politics/stop-amazon-rainforest-deforestation-sponsored/>
- ▶ <https://cctruth.org/rainforest-stop.pdf>
- ▶ Intergovernmental Panel on Climate Change reports are science fiction.
 - ▶ On Facebook connect to Climate Change Truth and watch and share the video.

The Intergovernmental Panel on Climate Change

- ▶ IPCC Reports are Science Fiction. democratsRdeceived.com -> Climate Change
 - ▶ Review of:
 - ▶ SR 1.5 Chapter two “Mitigation” garbage
 - ▶ Working Group I Second Order Draft for Ar6
 - ▶ Working Group III First Order Draft for Ar6

Global Warming Potential

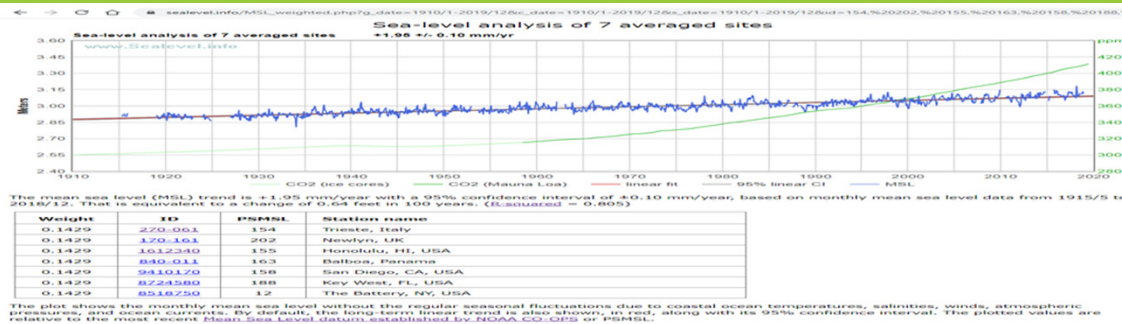
- ▶ IPCC Global warming potential is a false calculation!
- ▶ Dr. T. J. Blasing of Oak Ridge National Laboratory exposed greenhouse gasses to long wave radiation.
- ▶ Gas
- ▶

	Increased radiative forcing (Watts/m ²)
CO ₂ ppm.	1.94
CH ₄ Methane ppb.	0.50
N ₂ O Nitrous Oxide ppb	0.20
O ₃ (Ozone)	0.40
- ▶ The remainder are negligible.

III-Ocean Sea level rise is linear and not accelerating!

- ▶ No reliability in NOAA Sea level measurement's
- ▶ The NOAA satellite the Jason-3 has a minimum resolution of 25 mm.
 - ▶ This is like using a yardstick with no gradations and putting an unfamiliar object 20 feet away and then performing measurement's. The data would not be reliable.
- ▶ The Jakobshavn Glacier in Greenland has grown for the third year in a row.

<https://earthobservatory.nasa.gov/images/145185/major-greenland-glacier-is-growing>



Sea-Level Rise

Tide Gauges & Satellites

- 1: Different Linear Measures**
- 2: Inconsistent Results**
- 3: Apparently Unaffected by
Recent CO2 Increases**

The Future for NYC?



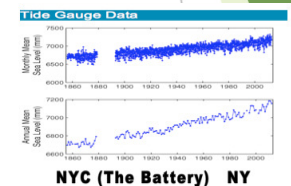
World Sea-Level

3 Sources – Different Metrics

Tide Gauges

1.4mm/yr.

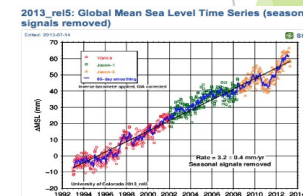
Linear



Topex/Poseidon/
Jason 1 - 3

3.3mm/yr.

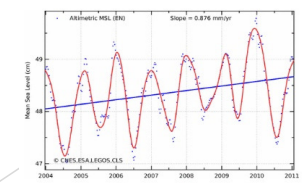
Linear



ENVISAT

0.5 – 2.5mm/yr.

Linear

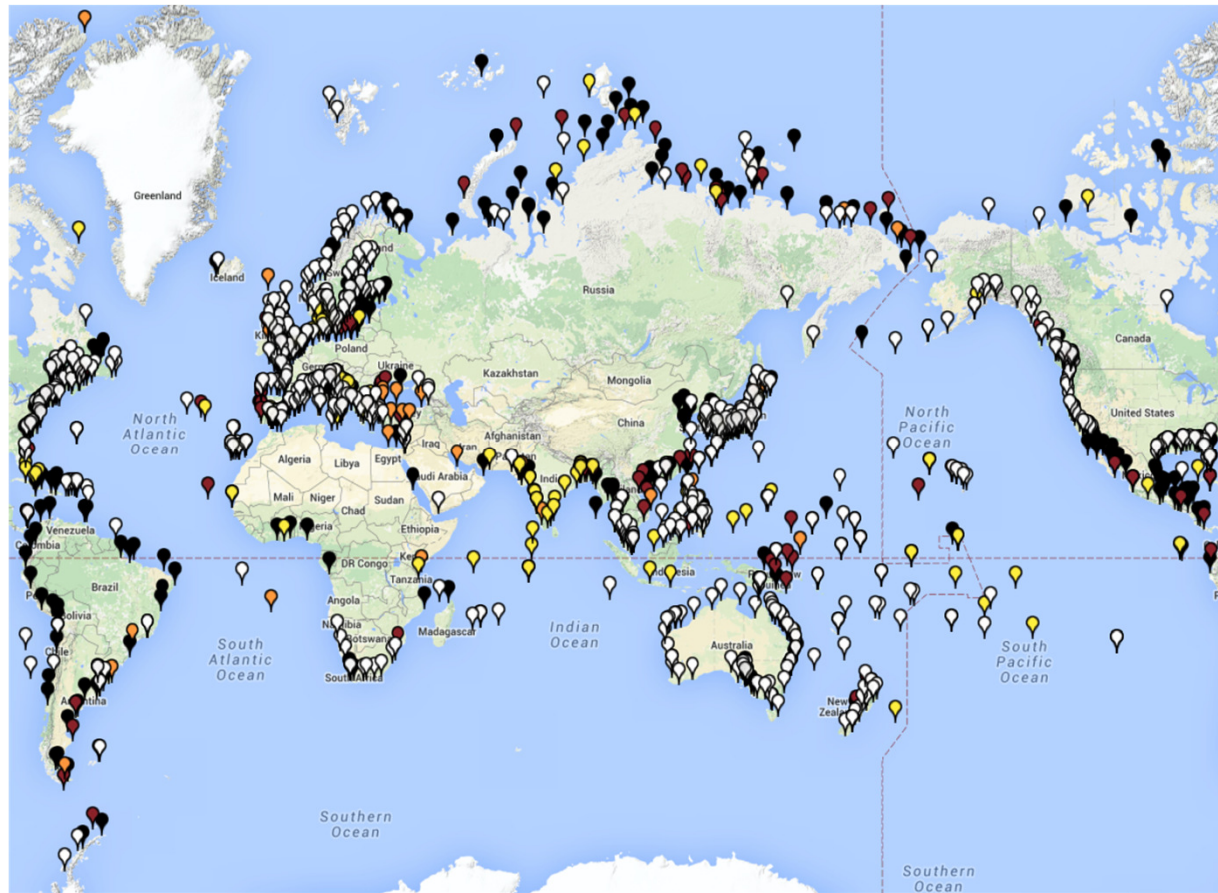


Tide Gauges

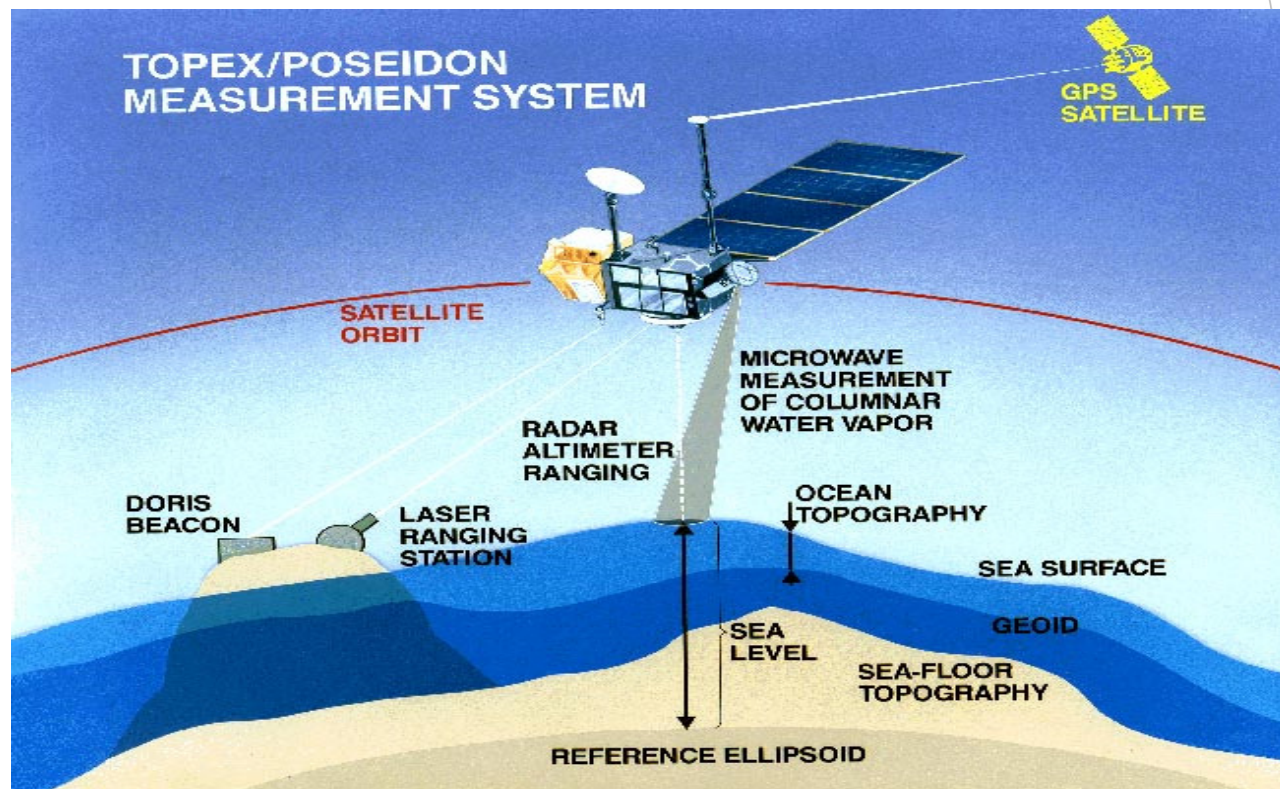


Fort Point, NH

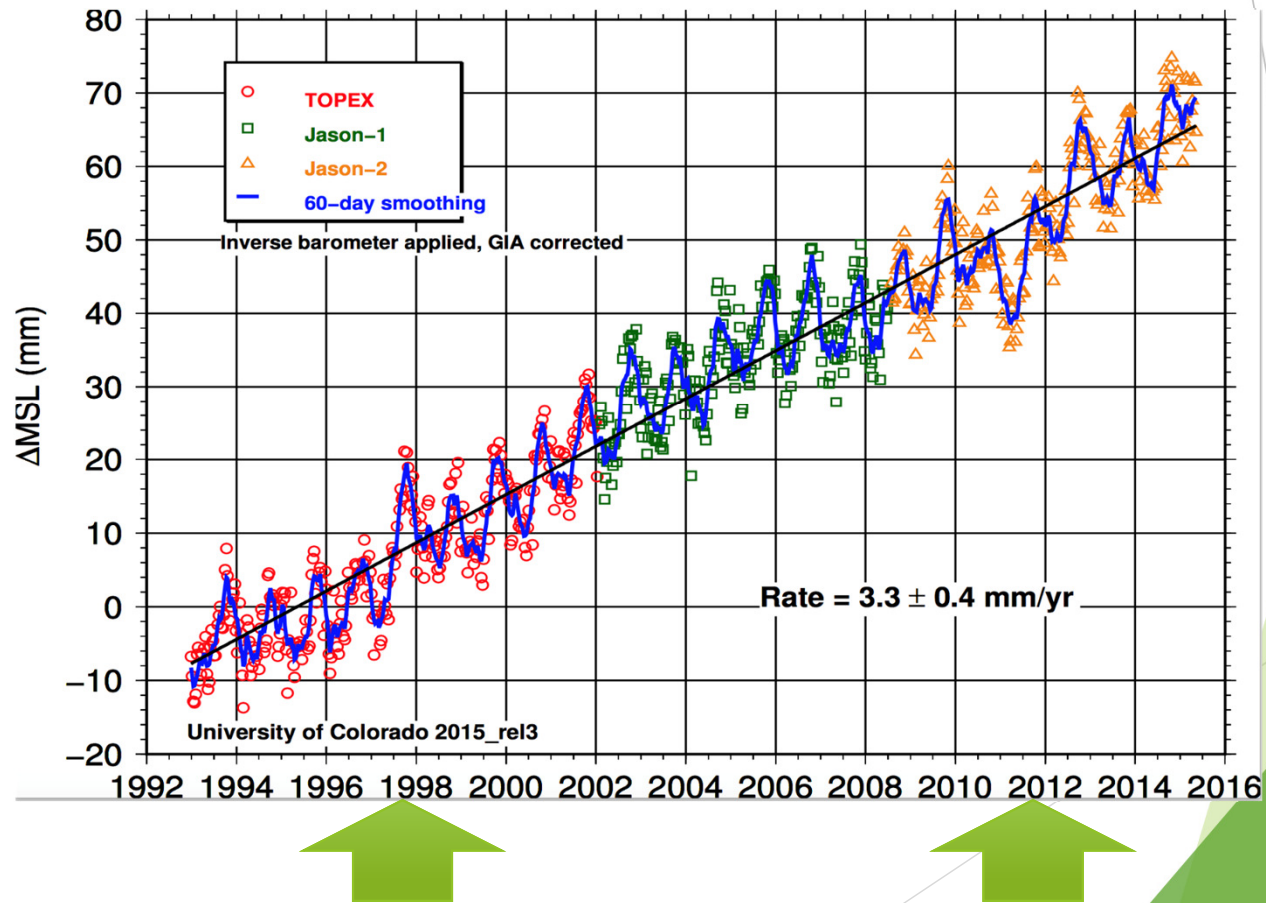
Tide Gauge Distribution



Satellite Systems



Satellite [Adjusted]



Topex/Poseidon Specifications

Altitude 1335KM [830 Mi] Radar Resolution

Ku-Band 13.65 GHz 23 mm wavelength

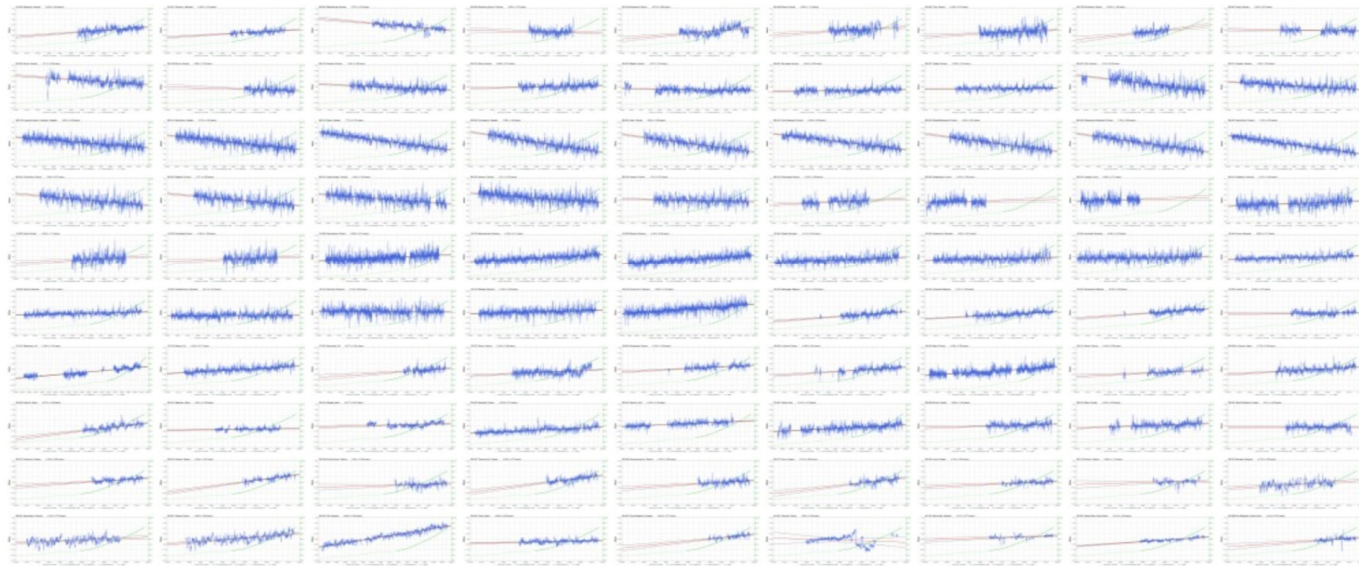
C-Band 5.3 GHz 56 mm wavelength

Orbital Tracking Error 20 – 40 mm

Massive 38% CO2 Increase Since 1880

- ▶ Any sign of Sea-Level Rise Acceleration?
- ▶ Guess What: They're all Basically Linear

NOAA's 2016 list of 375 long term trend tide stations



GHGs by Source & %

Source

$$N + H = T - \text{ReA} = I$$

Percent

$$\frac{N}{T} \times 100 = \text{Natural \%}$$

Table 3. Global Natural and Anthropogenic Sources and Absorption of Greenhouse Gases in the 1990s

Gas	Sources			Absorption	Annual Increase in Gas in the Atmosphere
	Natural	Human-Made	Total		
Carbon Dioxide (Million Metric Tons of Gas) ^a	770,000	23,100	793,100	781,400	11,700
Methane (Million Metric Tons of Gas) ^b	239	359	598	576	22
Nitrous Oxide (Million Metric Tons of Gas) ^c	9.5	6.9	16.4	12.6	3.8

Emissions of Greenhouse Gases in the United States 2004

Energy Information Administration
Office of Integrated Analysis and Forecasting
U.S. Department of Energy

Source: Intergovernmental Panel on Climate Change, Climate Change 2001: The Scientific Basis
(Cambridge, UK: Cambridge University Press, 2001).

<http://tonto.eia.doe.gov/FTPROOT/environment/057304.pdf>

II-COVID-19 data

- ▶ democratsrdeceived.com -> COVID-19
- ▶ Our first published manuscript. <https://childrenshealthdefense.org/news/are-children-really-recovering-99-9584-of-the-time-from-covid-19>
- ▶ Last Friday in the daily update I sent how a doctor in Texas has 100% success rate using a well known asthma medicine. <https://eagleforum.org/publications/insights/covid-crimes-against-humanity.html>
- ▶ The world health organization says COVID-19 **MAYBE** transported by air. Since when is science done on a maybe? We postulate things and then design experiments to prove or disprove them. https://www.upi.com/Top_News/World-News/2020/07/08/WHO-reviewing-evidence-that-indicates-COVID-19-is-airborne/2781594188312/
- ▶ Our second published manuscript. <https://childrenshealthdefense.org/news/covid-19have-you-heard-there-is-good-news/>

COVID-19 Situation Report

https://cctruth.org/0712_Weekly_COVID_Situation_Report.pdf

- ▶ H. Ealy, M. McEvoy, M. Sava, S. Gupta, D. Chong, E. Braham, C. Fieberg, D. White, P. Anderson
- ▶ Data Sourced From All US State & Territory Health Departments
 - ▶ Official Reported Recoveries - At least 1,151,007 Americans
 - ▶ Official COVID Testing Summary
 - ▶ 42,135,952 Total Tests (Molecular PCR & Serologic Antibody) Performed
 - ▶ 3,247,421 Total Positive PCR & Antibody Testing (7.71%)
 - ▶ Peak For People Testing Positive was 12.0% on May 29th
 - ▶ Now Is 7.71% on July 12th
 - ▶ 38,891,171 Total Negative PCR & Antibody Testing (92.29%)
 - ▶ 3,178 Total PCR Tests Pending (0.0075%)

COVID-19 Situation report

Comorbidities - 90.2% of Fatalities had at least 1 Comorbidity (Hypertension, Elevated Cholesterol, Diabetes, Cardiovascular Disease, Renal Disease)

- ▶ Fatalities - 92,214 of the 123,928 reported Fatalities were 70 years of age or older.
 - ▶ Average life expectancy for Americans is approximately 78.54 years of age
 - ▶ Probability of Recovery
 - ▶ Age 0 to 19 - 99.9724% and rising
 - ▶ 63 Fatalities
 - ▶ 228,251 Cases
 - ▶ Age 20 to 49 - 99.659% and rising
 - ▶ 5,353 Fatalities
 - ▶ 1,568,464 Cases
 - ▶ Age 50+ - 90.64% and rising
 - ▶ 118,512 Fatalities
 - ▶ 1,264,110 Cases

Summary

- ▶ Atmospheric CO₂
 - ▶ Not caused by carbon dioxide emissions. Little effect.
 - ▶ Caused by massive loss of photosynthesis. Mainly Amazon Rain-forest
 - ▶ Does not freeze in upper atmosphere.
 - ▶ Sea Level rise is not accelerating.
 - ▶ COVID-19 data. Open the world now!
 - ▶ Contact Data
 - ▶ research@cctruth.org 971-409-7199

Acknowledgments

- ▶ International Journal of Chemical Engineering
- ▶ International Journal of Environmental Science and Development