## Failed Climate Predictions: It is not just Bad Science but Anti-Science

## Willie Soon<sup>1</sup>



@WillieSoon on Parler

### Independent Scientist, CERES

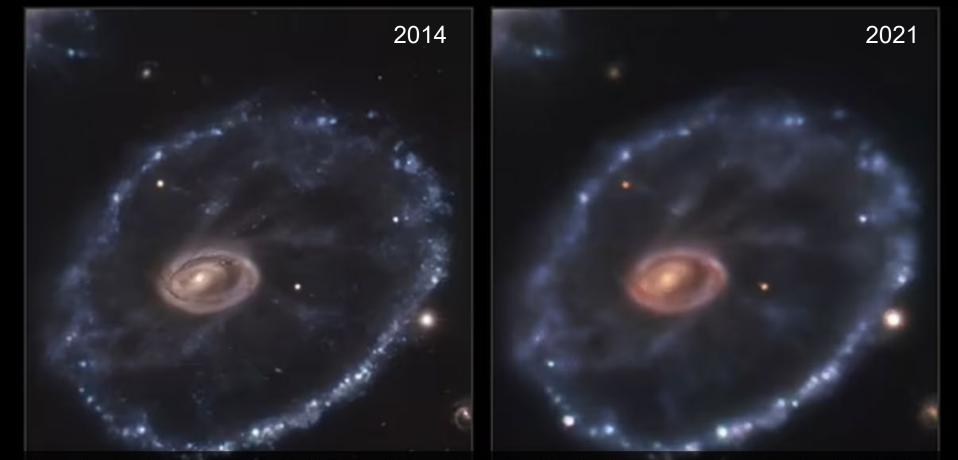
www.ceres-science.com

## DDP, Las Vegas August 15, 2022

Please help support fully independent science: https://www.ceres-science.com/

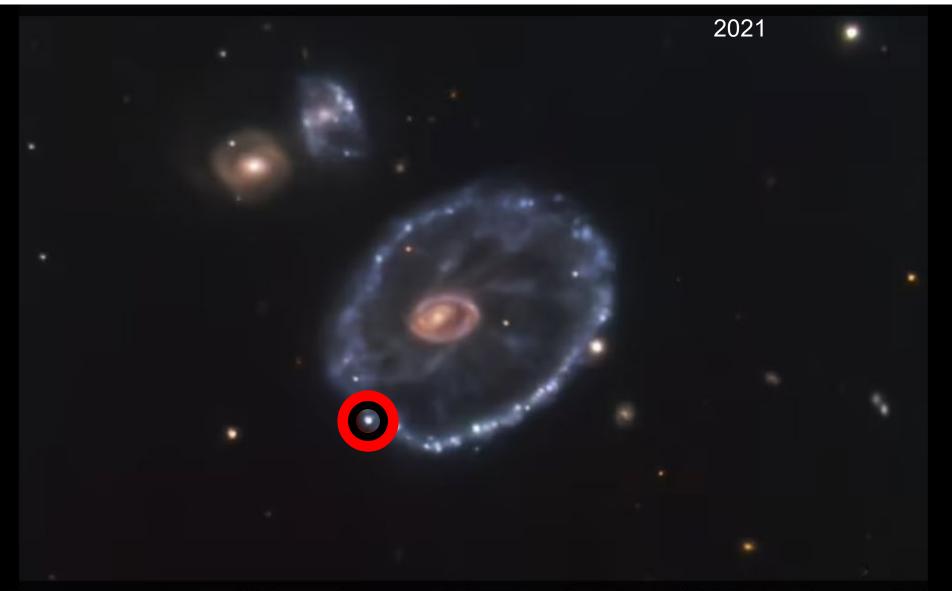
<sup>1</sup>All Views Expressed Are Strictly My Own and Should Be Yours Too

#### Light that has been travelling 500 million years from Cartwheel Galaxy arrived on Earth in 2021 AD



Astronomers have captured the moment a star, 500 million light years from Earth, exploded in a dramatic supernova, marking the end of its life. The left hand image was from 2014 before the explosion, and on the right is from 2021, with the explosion in the bottom right

#### Light that has been travelling 500 million years from Cartwheel Galaxy arrived on Earth in 2021 AD



The supernova, named SN2021afdx, happened in the unusually shaped Cartwheel Galaxy, which sits in the Sculptor constellation

Aug. 2, 2022: New Infrared image of Cartwheel Galaxy 500 million light-years from Earth taken by the 10-billion dollars James Webb Space Telescope

https://www.dailymail.co.uk/sciencetech/arti cle-11073725/James-Webb-capturesstunning-new-image-Cartwheel-Galaxy.html





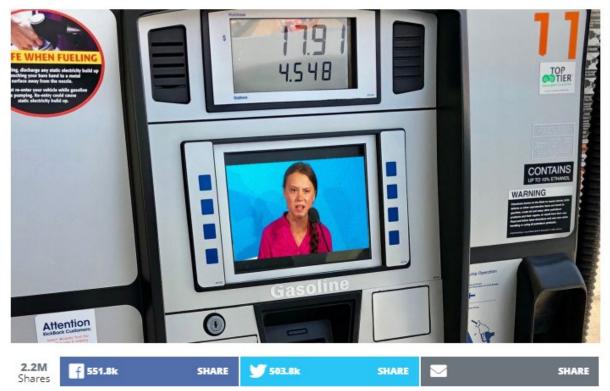


Greta has finally arrived here to steal everyone's dreams

#### Breaking News from Greta New Law Requires You To Listen To Greta Thunberg Lecture Before Purchasing Gasoline



October 7th, 2019 - BabylonBee.com



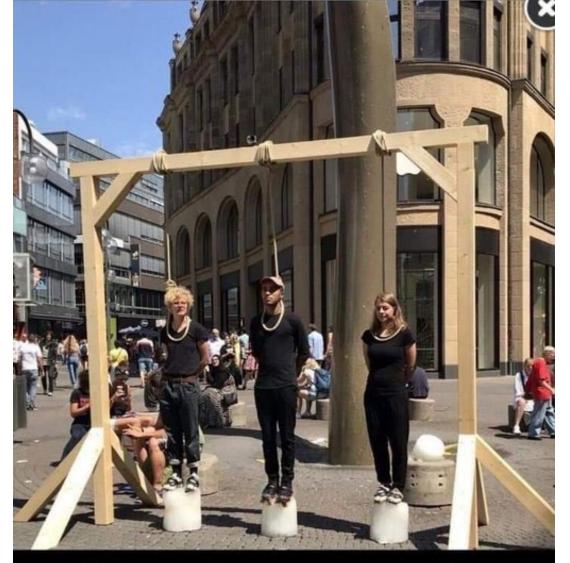
U.S.—A series of new bills working their way through state legislatures in New York, California, Oregon, Hawaii, and several other progressive states will require you to listen to a Greta Thunberg lecture before purchasing gasoline.

10000

#### Courtesy of Babylonbee (October 7, 2020)

#### Greta and Friends: The Privileged but Spoiled Children





Global Warming activists standing on ice with nooses around their necks

# Jeremy Clarkson: If Greta and her pals really want to get results, they should try protesting in Tiananmen Square

1 Tom Nelson Retweeted



Bob M 🤍 🎇 💫 @bobmca1 · 18h

Jeremy Clarkson: If Greta and her pals really want to get results, they should try protesting in Tiananmen Square



#### thetimes.co.uk

Jeremy Clarkson: If Greta and her pals really want to get results, they ... Greta Thunberg is now kayaking back to the Swedish port where she left her bicycle, having spent the week outside a conference centre in ...

#### Greta Thunberg's BMW: The transportation of choice?



### The latest and hottest model of Dodge Ram by AOC, Al Gore and the UN IPCC Green New Deal Dodge Ram



Courtesy of Joe Bastardi (September 27, 2021)



#### New Green Industry Jobs Created at COP26 at Glasgow

#### COP26: Activists deflate tyres on 'luxury' cars in Glasgow

9 2 hours ago





Jamie MacConnacher discovered the flattened tyres before going to work on Thursday

**CLIMATE VIOLATION** 

ATTENTION

Your SUV contributes to the second biggest cause of carbon emissions rise in the last decade. This is why we have disarmed your car by deflating one or more of its tyres.

If SUV drivers were a nation, in 2018 they would have ranked as the **7th biggest emitter of co2**.

Unnecessary luxury lifestyle choices in rich countries are part of what is driving the climate breakdown. This process is already having devastating impacts on people in poor countries... and we won't be spared here either.

ACTION IS REQUIRED FROM YOU: GO SMALL GO PUBLIC TRANSPORT

https://www.bbc.com/news/uk-scotland-glasgow-west-59254298

#### Now they are coming to New York City, America: July 1, 2022

British climate activists deflate more than 40 tires on SUVs in NYC's Upper East Side and leave leaflets saying 'your gas guzzler kills': Group warns more cities will be struck in the coming weeks



The Tyre Extinguishers @T\_Extinguishers

#### BIG NEWS: TYRE EXTINGUISHERS STRIKE FOR THE FIRST TIME IN NEW YORK CITY!

40 SUVs disarmed in the Upper East Side, the first of many.

We have an American English leaflet ('tire' rather than 'tyre') on our website so USA folks, you can join in! tyreextinguishers.com

...

## THE EXTREME Green Dream



uthorised Malcolm Roberts Brisbane

OK, WE CLOSED DOWN ALL MINING FOR EVERYTHING INCLUDING ELETRICITY, WE STOPPED PLANES FLYING, WE'VE TAKEN ALL THE CARS AND TRUCKS OFF THE ROADS AND KILLED FARTING ANIMALS.

WE'VE REDUCED OUR EMISSIONS TO ZERO.

WHAT DO WE DO NOW?

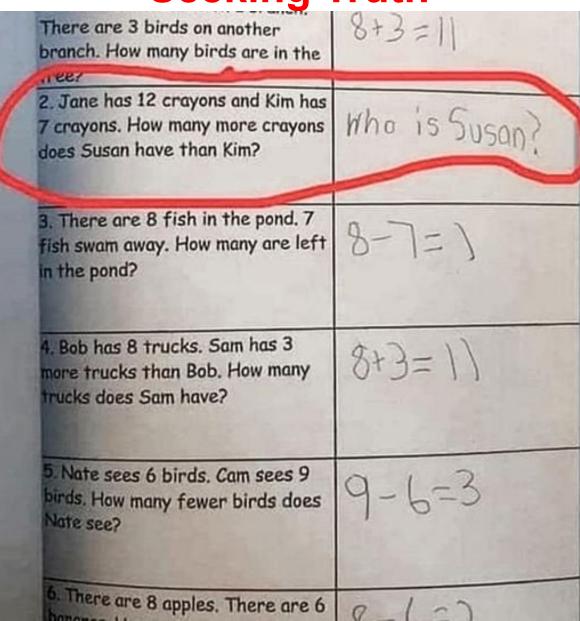
#### "The green movement today is fundamentally anti-fire" – Dr. Patrick Moore (July 27, 2022)

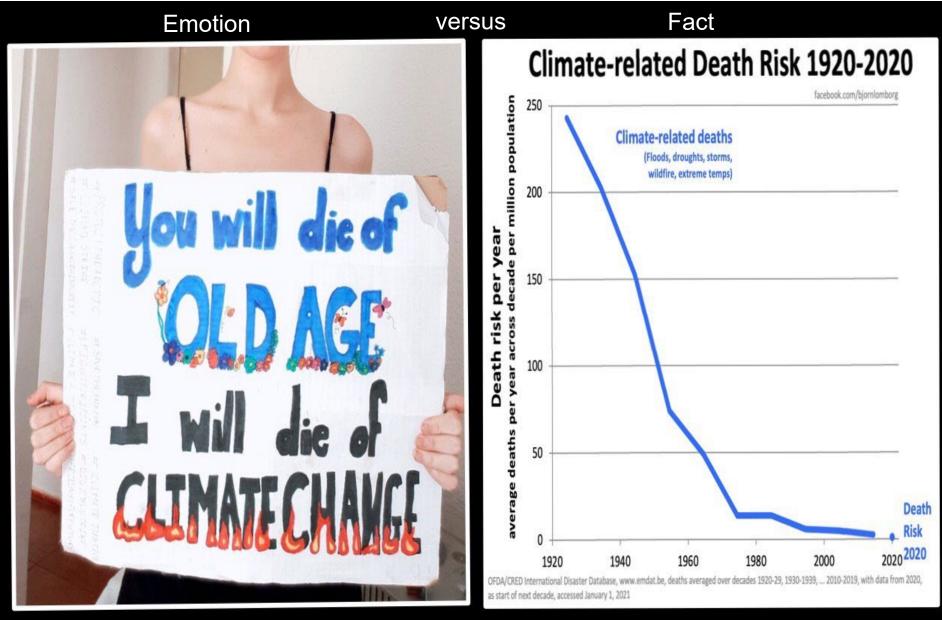




## Greta's Special Hot Water Heating System

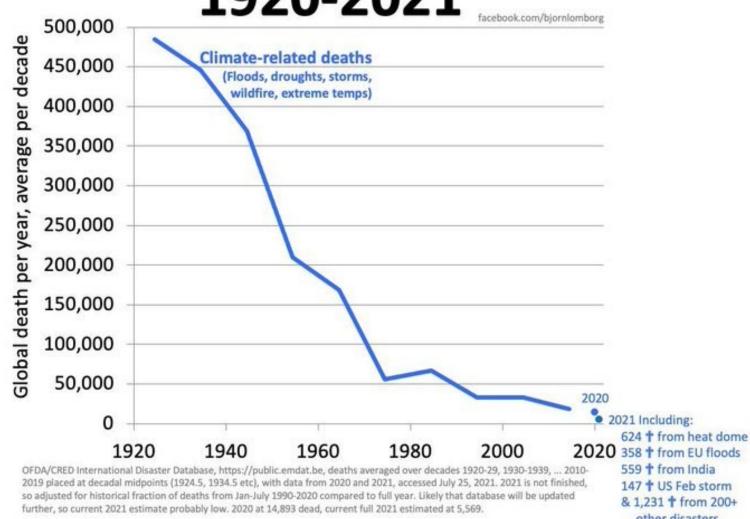
### What truly matters in science: Seeking Truth





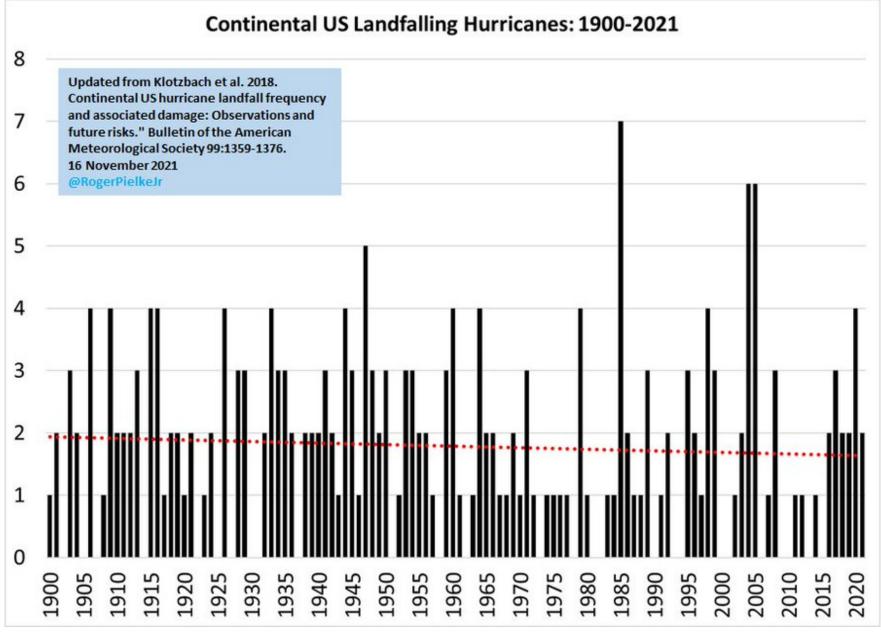
https://twitter.com/CraigKellyMP/status/1396753167484801026 (Craig Kelly, MP, May 24, 2021)

### Why the constant fear mongering? Climate-related Deaths 1920-2021

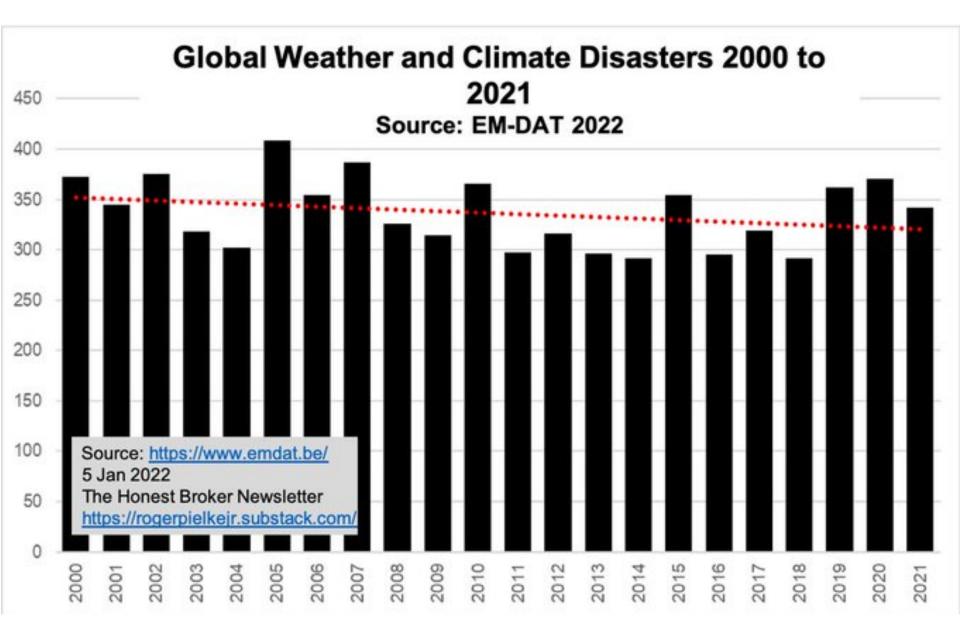


Source: Bjorn Lomborg (December 30, 2021)

& 1,231 T from 200+ other disasters Adjusted to full year



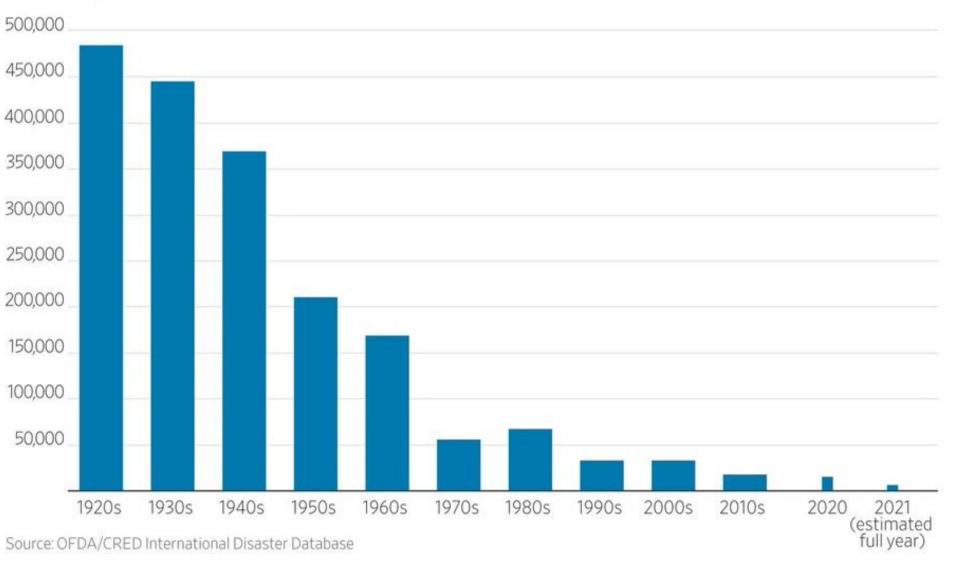
https://twitter.com/RogerPielkeJr/status/1461016229578108928?s=20



https://twitter.com/ShellenbergerMD/status/1479083279256993794?s=20

#### **Climate-Related Disasters Kill Ever Fewer**

Global deaths from floods, droughts, storms, wildfire and extreme temperatures, annual average by decade 1920-2019, per year for 2020 and 2021



https://twitter.com/BjornLomborg/status/1458402346828972033?s=20

### **SOME PEOPLE TALK A LOT ABOUT CLIMATE CHANGE**



### SOME PEOPLE DO SOMETHING ABOUT CLIMATE CHANGE



이야 한다. 그는 것은 요즘 가지 않는 것을 가지 않는 것을 하는 것을 했다.

### Kim Jong Un calls for 'urgent action' on climate change amid North Korean food shortage

By Emily Crane

September 6, 2021 | 11:22am | Updated



#### United Nations on "The Benefits of World Hunger"



UN Chronicle



### **The Benefits of World Hunger**



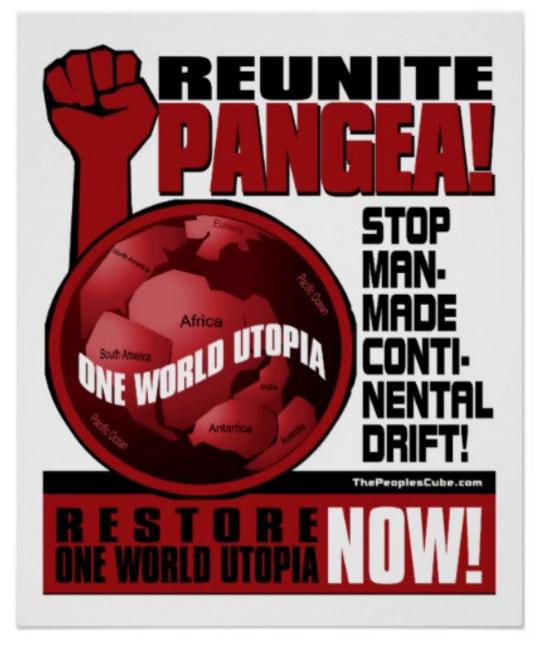
**UN Chronicle** @ UNChronicle

Replying to @RealAndyLeeShow

This article appeared in the UN Chronicle 14 years ago as an attempt at satire and was never meant to be taken literally. We have been made aware of its failures, even as satire, and have removed it from our site.

6:00 PM · Jul 6, 2022 · Twitter Web App

### "Save the Earth": Prevent Continental Drift



Maurice Strong (1929-2015)





Climate change: 12 years to save the planet? Make that 18 months

By Matt McGrath Environment correspondent



24 July 2019

#### Do you remember the good old days when we had "12 years to save the planet"?

Now it seems, there's a growing consensus that the next 18 months will be critical in dealing with the global heating crisis, among other environmental challenges.

Last year, the Intergovernmental Panel on Climate Change (IPCC) reported that to keep the rise in global temperatures below 1.5C this century, emissions of carbon dioxide would have to be cut by 45% by 2030.

But today, observers recognise that the decisive, political steps to enable the cuts in carbon to take place will have to happen before the end of next year.

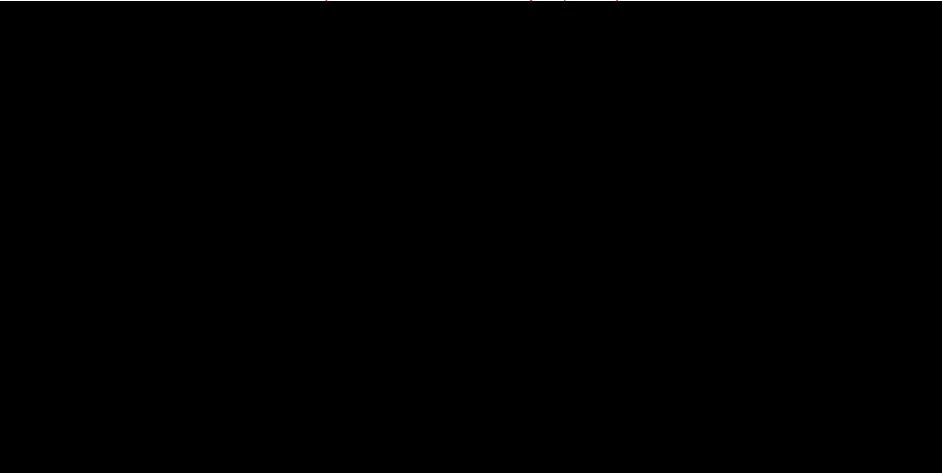
## Daily **Hatl** .com Four years to save the Earth: 2020 is the deadline to avert climate catastrophe, experts claim in chilling commentary

- 'When it comes to climate, timing is everything' Nature commentary said
- Letter was signed by former UN climate chief Christiana Figueres, three top climate scientists, and two sustainability experts from the business sector

By AFP PUBLISHED: 13:04 EDT, 29 June 2017 | UPDATED: 14:56 EDT, 29 June 2017

### Failed Predictions for at least 50 years Saint Al Gore: Summer Ice Cap will be gone by 2014-2016

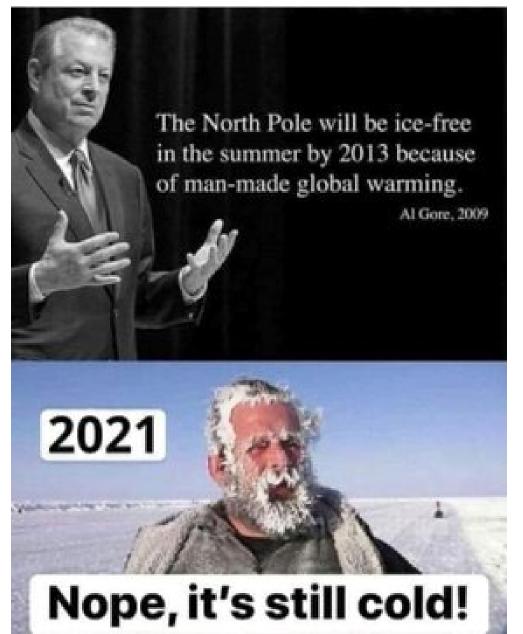
(Jesse Watters Show July 26, 2022)

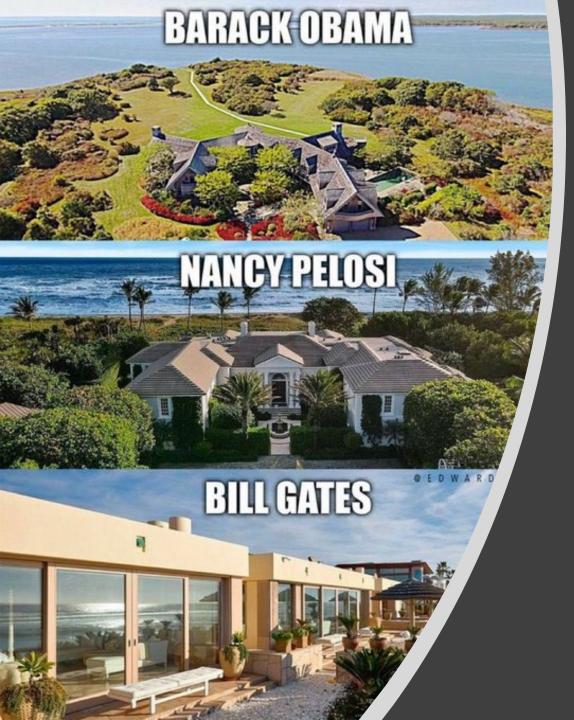


Crazy Al Gore Said the Entire Polar Ice Cap Would be Melted in 5 Years – That Was 13 Years Ago... Now He Says We Need to Get Rid of 80% of US Energy Sources (October 29, 2021)



https://www.thegatewaypundit.com/2021/10/crazy-al-gore-said-entire-polor-ice-cap-melted-away-5-years-13-years-ago-now-says-need-get-rid-80-us-energy-sources/





# Failed Predictions for at least 50 years DAILY SCIENCE



Michael Mann, during the day of presentation of the insignia of Doctor honoris causa at UCLouvain @ Christian Du Brulle

### FOR MICHAEL MANN, THERE ARE BARELY TEN YEARS LEFT TO LIMIT THE OVERHEATING OF THE PLANET

May 6, 2022



### How long to save the planet from climate catastrophe? This clock is ticking down

The clock reveals how little time we have left to tackle the climate crisis before the planet is past a tipping point. That number is 7 years, 98 days, 15 hours... and counting

Louise Boyle New York | Thursday 24 September 2020 20:48 | cc mments

●CBS NEWS

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"Eight years left to turn the ship": Scientists share how climate change could change daily life

BY LI COHEN APRIL 27, 2022 / 12:23 PM / CBS NEWS

Earlier this month, <u>more than 300 people</u> in South Africa were killed as record rainfall washed away buildings and infrastructure in the Kwa-Zulu Natal province. A day earlier, dozens were killed in the Philippines after <u>tropical storm Megi</u> spurred landslides and floods.

The world is rapidly shifting – and the impact of human-caused <u>climate change</u> is increasingly evident.





### **Failed Predictions for** at least 50 years Bulletin

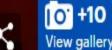


Bulletin

Bulletin of the Atomic Scientis

of the Atomic

scientists



#### How has the clock changed since 1947?

- 1947 48: 7 minutes
- 1949 52: 3 minutes
- 1953 59: 2 minutes
- 1960 62: 7 minutes
- 1963 67: 12 minutes
- 1968: 7 minutes
- 1969 71: 10 minutes
- 1972 73: 12 minutes
- 1974 79: 9 minutes
- 1980: 7 minutes
- 1981 83: 4 minutes
- 1984 87: 3 minutes
- 1988 89: 6 minutes
- 1990: 10 minutes
- 1991 94: 17 minutes
- 1995 97: 14 minutes
- 1998 2001: 9 minutes
- 2002 06: 7 minutes
- 2007 09: 5 minutes
- 2010 11: 6 minutes
- 2012 14: 5 minutes
- 2015 16: 3 minutes
- 2017 2.5 minutes
- 2018 2 minutes
- 2019 2 minutes
- 2020 100 seconds
- 2021 100 seconds



George Perkins Marshall (1801-1882)

"The earth is fast becoming an unfit home for its noblest inhabitant, and another era of equal human crime and human improvidence ... would reduce it to such a condition of impoverished productiveness, of shattered surface, of climatic excess, as to threaten the depravation, barbarism, and perhaps even extinction of the species."

Man and Nature (1864)

Source: Marc Morano's book "Politically incorrect guide to climate change" (chapter 13)

### Failed Predictions for at least 50 years Scorecard: 48 versus 0 48 Of 79 'Catastrophic Climate Change' Predictions Have Failed...The Other 31 Just Haven't Expired Yet

By Kenneth Richard on 8. April 2021

Share this....

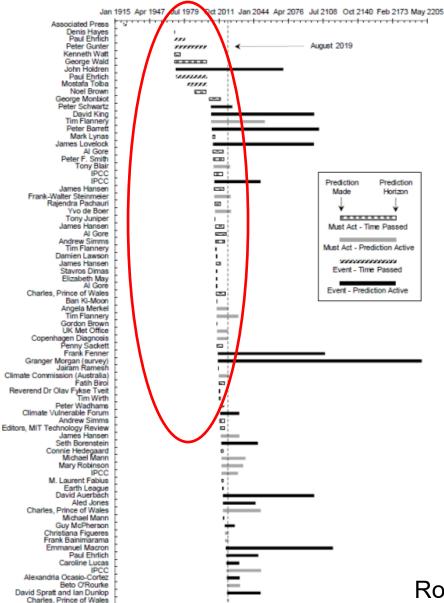


A new peer-reviewed paper published in the International Journal of Global Warming f identifies 79 "apocalyptic" predictions formulated since 1970 by "researchers and

activists" who "predict cataclysmic events" resulting from "catastrophic climate change." Already 48 of these "truly apocalyptic forecasts" have failed. The other 31 are likely just as wrong, but the prediction end dates haven't expired yet, as "the apocalypse is always about 20 years out."

Rode and Fischbeck are "professors of Social & Decision Sciences and Engineering & Public Policy" at Carnegie Mellon University. Rode and Fischbeck (2021)

Figure 1 Summary of apocalyptic predictions by speaker, prediction horizon, and type of prediction (event or must act) as of 24 July 2019



Rode and Fischbeck (2021)

### But we knew all along that:

## "it is the models that got the physics right and the satellites (observations/measurements) that didn't."

## (Katharine Hayhoe, October 6, 2021)



### Prof. Katharine Hayhoe 🤣 @KHayhoe · 19h

**Climate** models have often been attacked by opponents to **climate** action. But although they are always evolving and improving, sometimes it turns out it's the models that got the physics right and the satellites that didn't. nature.com/articles/s4155...

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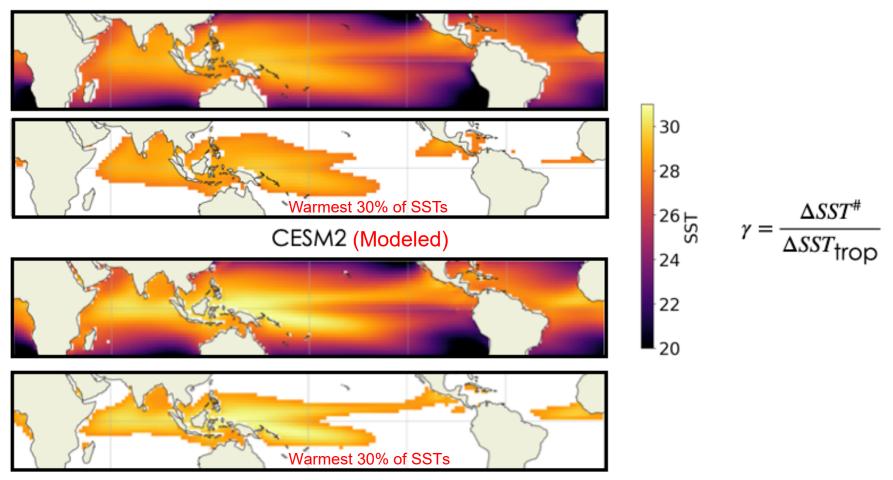
7 23



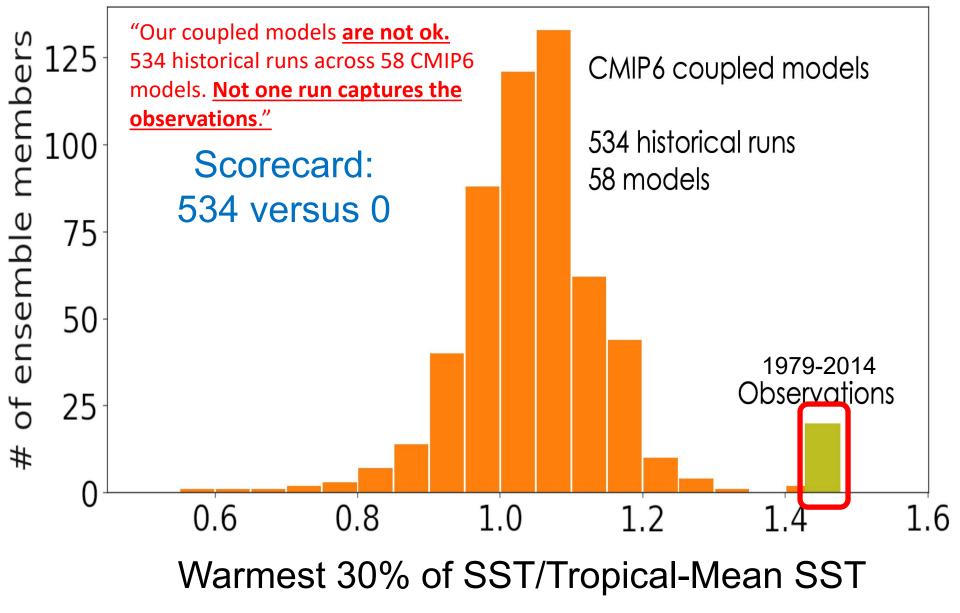
**Masters of Projection and Deception** (attacking all of us who questioned their climate science) **"The Sheer Shittiness of their** Science" – Andrew Dessler @AndrewDessler **Prof of Atmospheric Sciences & climate** scientist @ Texas A&M; book: Introduction to Modern Climate Change (<u>http://andrewdessler.com</u>); AGU and AAAS Fellow; Native Texan

### Warmest 30% of SSTs vs Tropical-mean SSTS

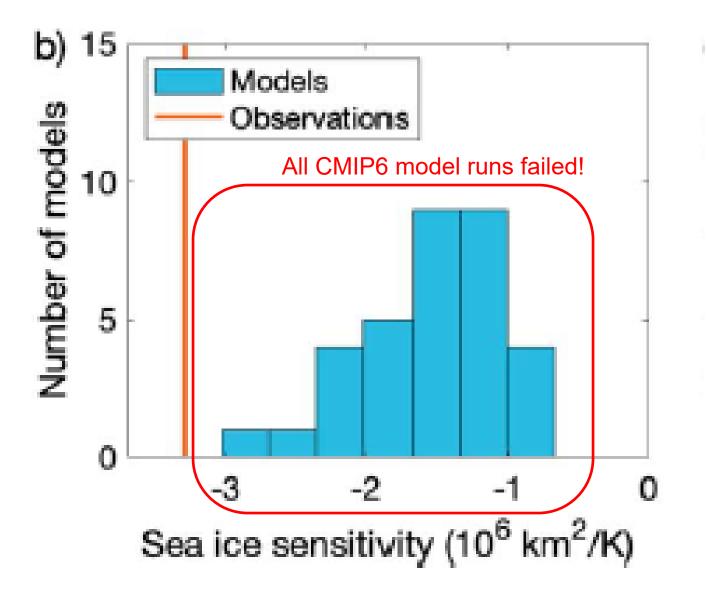
NOAA ERSST v5 (Observed/Measured)



Source: Cristi Proistosescu (U of Illinois) February 23, 2021



Source: Cristi Proistosescu (U of Illinois) February 23, 2021



Source: @BoltzmannBody February 22, 2021

### How well climate models simulate land-sea warming ratio?

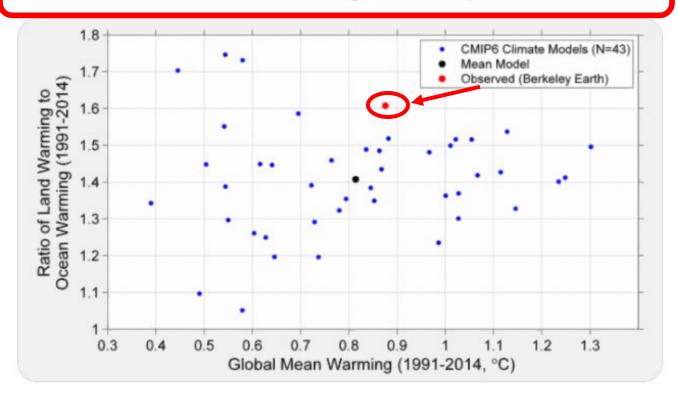


Dr. Robert Rohde @RARohde · Nov 10 This is one of those plots that makes me a bit nervous.

Each blue dot is a climate model simulation of the historical period, 1850-2014.

...

The mean warming isn't too far off, though that spread is troublesome, and the observed land/ocean contrast is larger than nearly all models.



https://twitter.com/RARohde/status/1458396074889170953?s=20

### It is against the laws to offer false prediction dressed as government edicts



Chris Megerian @ChrisMegerian



It's actually against the law to present a false weather forecast and suggest that it was issued by the U.S. government (h/t @wxdam)

### 18 U.S. Code § 2074. False weather reports

U.S. Code Notes

prev | next

Whoever knowingly issues or publishes any counterfeit weather forecast or warning of weather conditions falsely representing such forecast or warning to have been issued or published by the Weather Bureau, <u>United States</u> Signal Service, or other branch of the Government service, shall be fined under this title or imprisoned not more than ninety days, or both.

(June 25, 1948, ch. 645, 62 Stat. 795; Pub. L. 103-322, title XXXIII, § 330016(1)(G), Sept. 13, 1994, 108 Stat. 2147.)

# What do the IPCC reports when a scientific study disagrees with their chosen narrative?

**Example:** Misleadingly imply that the study somehow agrees with their chosen narrative!

In their discussion on snow cover extent (SCE), IPCC AR6 cited a study I coauthored – Connolly et al., 2019. They implied that we agreed with AR5 (and AR6)

"2.3.2.2 Terrestrial snow cover
AR5 concluded that snow cover extent (SCE) had decreased in the NH, especially in spring (very high confidence).
[...]
The greatest declines in SCE have occurred during boreal spring and summer, although the estimated magnitude is dataset dependent (Rupp et al., 2013; Estilow et al., 2015; Bokhorst et al., 2016; Thackeray et al., 2016; Connolly et al., 2019)."

# What do the IPCC reports when a scientific study disagrees with their chosen narrative?





#### Article

Northern Hemisphere Snow-Cover Trends (1967–2018): A Comparison between Climate Models and Observations

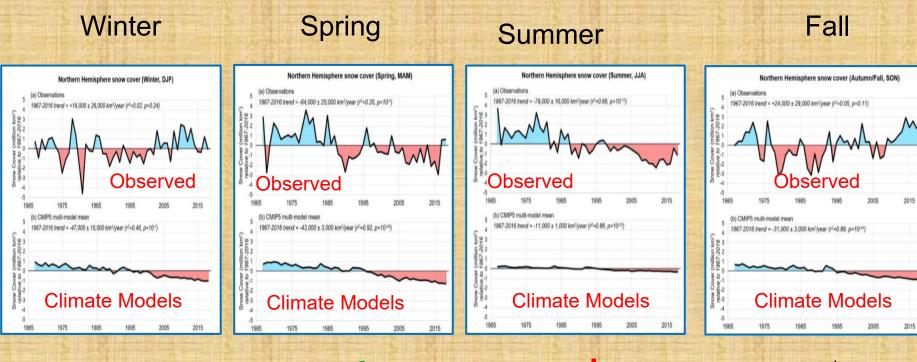
Ronan Connolly <sup>1,2,\*</sup>, Michael Connolly <sup>2</sup>, Willie Soon <sup>1</sup>, David R. Legates <sup>3</sup>, Rodolfo Gustavo Cionco <sup>4</sup> and Víctor. M. Velasco Herrera <sup>5</sup>

Abstract: Observed changes in Northern Hemisphere snow cover from satellite records were compared to those predicted by all available Coupled Model Intercomparison Project Phase 5 ("CMIP5") climate models over the duration of the satellite's records, i.e., 1967–2018. A total of 196 climate model runs were analyzed (taken from 24 climate models). Separate analyses were conducted for the annual averages and for each of the seasons (winter, spring, summer, and autumn/fall). A longer record (1922–2018) for the spring season which combines ground-based measurements with satellite measurements was also compared to the model outputs. The climate models were found to poorly explain the observed trends. While the models suggest snow cover should have steadily decreased for all four seasons, only spring and summer exhibited a long-term decrease, and the pattern of the observed trends for autumn and winter suggest a long-term increase, although these trends were not statistically significant. Possible explanations for the poor performance of the climate models are discussed.

Keywords: Northern Hemisphere snow cover; CMIP5 climate models; climate change

- In Connolly et al., 2019, we were criticizing the poor performance of the "CMIP5" climate models used in AR5
- We emphasized that the models got the snow cover trends wrong for all four seasons!
- We noted that <u>only</u> spring and summer showed a long-term decrease
- And even for these seasons, the observed "decrease" was nothing like the models claim should have occurred

### Summary of what Connolly et al., 2019 actually found













https://twitter.com/DawnTJ90/status/1394117443925286912









### 2015

**Dr Michael Jacobs Grantham Research** 







2020 **Christiana Figueres** UNFCCC





**Dr James Anderson** Harvard University



2026 **Dr Paul Williams** U of Reading (UK)

2030

Dr Panmao Zhai

**IPCC SAR** 



2028 **Greta Thunberg ONE/Gates/Soros** 

2036





2040

**Dr Alred Jones** Anglia Ruskin U

https://twitter.com/DawnTJ90 (thanks to Marc Morano)

Sleepfest at Glasgow's COP26: Wake me up when the Climate Crisis is over



## IPCC is selling everyone their split pants!



We don't even have one minute!

We don't have a minute to lose.

Governments must dramatically step up their climate ambitions – particularly the biggest-emitting countries that have caused the vast bulk of the climate crisis.

The well-being of people and our planet demands urgent #ClimateAction now.



2:19 PM · Jun 15, 2021 · Twitter Web App

#### https://twitter.com/antonioguterres/status/1404866108331630599

#### Even their scares are recycled every 3 years or so

Home / 2022 / June / 22 / How Long Has He Been Standing There?

Home / 2019 / June / 13 / UN Chief Poses For TIME Cover Off 'Sinking' Pacific Island Nation That's Actually Growing In Size

June 22, 2022

#### How Long Has He Been Standing There?



Time magazine, "Our Sinking Planet" Photographed by Christopher Gregory for TIME





SEA LEVEL

#### UN Chief Poses For TIME Cover Off 'Sinking' Pacific Island Nation That's Actually Growing In Size

**0** 3 years ago **9** Charles Rotter

from The Daily Caller

Michael Bastasch | Energy Editor

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### Sleepfest at Glasgow's COP26: Part 2



### **President Brandon's Priority for America**

DOITICS The Biden Presidency Facts First US Elections

LIVE TV Edition 
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### White House creates new climate-focused division within Office of Science and Technology Policy



By Ella Nilsen and Kate Sullivan, CNN Updated 12:55 PM ET, Wed November 24, 2021



The creation of a new climate-focused division in the Office of Science and Technology Policy underscores the Biden administration's commitment to tackling the global climate crisis.

#### SPONSORED CONTENT



Keanu Reeves 'married under the eyes of God' to Winona Ryder



Madonna hits out at Instagram for removing photos



#### https://www.cnn.com/2021/11/24/politics/white-house-new-climate-division/index.html

Q

A SHARE

≡+ SAVE

🔼 YouTube

climate summit



#Live #Reuters #EarthDay LIVE: Biden administration hosts Day 2 of Climate Leaders' Summit

251 watching now • Started streaming 106 minutes ago

### Creepy Joe's "soothing" ASMR performance



**ASMR:** Autonomous sensory meridian response

### They are spending our money very generously

Follow

...



-

Tom Nelson 253.2K Tweets Steve Scalise

Steve Scalise 🗸 @SteveScalise · 1h

BBB exposed:

\$85M to try to connect climate change to pregnant, lactating, or postpartum "individuals."

THIS is what they're spending your money on as you face inflation.

Dems have gone so woke they can't even use the word "women." They're now calling mothers "individuals."

#### 689 SEC. 31038. FUNDING FOR EDUCATION AND TRAINING AT 2 HEALTH PROFESSIONS SCHOOLS TO IDEN-3 TIFY AND ADDRESS HEALTH RISKS ASSOCI-ATED WITH CLIMATE CHANGE. 5 (a) IN GENERAL.-In addition to amounts otherwise 6 available, there is appropriated to the Secretary for fiscal 7 year 2022, out of any money in the Treasury not otherwise appropriated \$85,000,000, to remain available until ex-8 pended, for earrying out a program to award grants or 9 10 contracts to accredited medical schools, accredited schools 11 of nursing, teaching hospitals, accredited midwifery pro-12 grams, physician assistant education programs, residency 13 or fellowship programs, or other schools or programs de-14 termined appropriate by the Secretary, or consortia of any 15 such entities, to support the development and integration 16 of education and training programs for identifying and ad-17 dressing health risks associated with elimate change for 18 pregnant, lactating, and postpartum individuals.

### Bad weather caused Biden's inflation era? ≡

**BREITBART** 

### WALL STREET JOURNAL: **INFLATION IS CAUSED BY BAD WEATHER**



by JOEL B. POLLAK 29 Dec 2021



Hurricane Ida slammed into Louisiana in August, knocking out natural-gas production in the Gulf of Mexico. PATRICK T. FALLON/AGENCE FRANCE-PRESSE/GETTY IMAGES

### **Blame Bad Weather for Your Bigger Bills**

Wild weather around the world inflated commodity prices in 2021

By Ryan Dezember Updated Dec. 28, 2021 5:33 am ET

https://www.wsj.com/articles/blame-bad-weather-for-your-bigger-bills-11640640525

## A brief moment of "honesty"

### FEDERAL RESERVE BANK of NEW YORK Serving the Second District and the Nation

About the<br/>New York FedMarkets & PolicyEconomic<br/>ResearchFinancial InstitutionFinancial ServicesNew York FedImplementationResearchSupervision& Infrastructure

home > economic research >

#### STAFF REPORTS How Bad Are Weather Disasters for Banks?

Number 990 November 2021

JEL classification: G21, H84

Authors: Kristian S. Blickle, Sarah N. Hamerling, and Donald P. Morgan

Not very. We find that weather disasters over the last quarter century had insignificant or small effects on U.S. banks' performance. This stability seems endogenous rather than a mere reflection of federal aid. Disasters increase loan demand, which offsets losses and actually boosts profits at larger banks. Local banks tend to avoid mortgage lending where floods are more common than official flood maps would predict, suggesting that local knowledge may also mitigate disaster impacts.

Courtesy of Steve Milloy, https://twitter.com/JunkScience/status/1465358648536875011?s=20



https://www.bbc.com/news/newsbeat-59401921 (November 24, 2021)

## Alarmists are "certifiably insane"

"One problem with conveying our message is the difficulty people have in recognizing the absurdity of the alarmist climate message. They can't believe that something so absurd could gain such universal acceptance. Consider the following situation. Your physician declares that your complete physical will consist in simply taking your temperature. This would immediately suggest something wrong with your physician. He further claims that if your temperature is 98.7 degrees Fahrenheit, rather than 98.6, you must be put on life support. Now you know he is certifiably insane. The same situation for climate (with a much more poorly defined index) is considered 'settled science.'

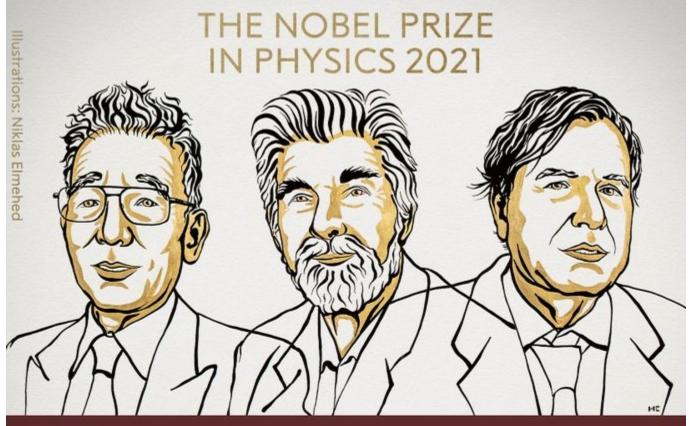
"Somehow, the sheer volume of misinformation seems to overwhelm us. In case, you retain any skepticism, there is John Kerry's claim that climate (unlike physics and chemistry) is simple enough for any child to understand. Presumably, if you can't see the existential danger of CO<sub>2</sub>, you're a stupid denier.

"Our task is to show people the overall stupidity of this issue rather than punching away at details. If public relations advisors can solve this problem, they would be well worth hiring, but I have my doubts."

#### **Professor Richard Lindzen**



#### October 5, 2021: Climate Models "Reliably predicting global warming"?



### Syukuro Manabe

### Klaus Hasselmann

"for the physical modelling of Earth's climate, quantifying variability and reliably predicting global warming"

### Giorgio Parisi

"for the discovery of the interplay of disorder and fluctuations in physical systems from atomic to planetary scales"

#### THE ROYAL SWEDISH ACADEMY OF SCIENCES



# Remarkably accurate: 50 year old climate models attract Nobel for Physics.

By Linda Mottram on PM

Share





Download 3.00 MB

Physicists Syukuro Manabe and Klaus Hasselmann have been awarded the Nobel Prize for Physics for their fundamental contributions to climate modelling, sharing the prize with a third physicist, Giorgio Parisi, for discoveries on complex patterns in nature. Professor Michael Mann says the climate work of 50 years ago has been remarkably accurate, contributing to the understanding of atmospheric warming from continuing carbon emissions and the impact of the melting of the ice sheets, as well as the creating a theoretical framework to assess the extent to which extreme weather events are fuelled by climate change. Professor Mann says the timing of the prize decision is notably, just weeks ahead of the crucial COP26 climate conference in Glasgow.

Duration: 6min 33sec Broadcast: Wed 6 Oct 2021, 6:30pm

#### **More Information**

Featured:

Dr Michael Mann, Distinguished Professor of Atmospheric Science, Penn State University.

#### October 6, 2021: "Climate Models Got So Accurate" ?

#### 1] Prof. Katharine Hayhoe Retweeted



#### Dr Friederike Otto @FrediOtto · Oct 6

How climate models got so accurate they earned a Nobel Prize & what we can do thanks to them now & that it still means we have to act! @KHayhoe @gjvoldenborgh @MichaelEMann nationalgeographic.com/environment/ar ... via @NatGeo

...



#### How climate models got so accurate they earned a Nobel Prize

Climate predictions were treated with heavy skepticism just 30 years ago, but they've become our main window into how global warming ... *O* nationalgeographic.com Nobel Prize Lecture in Physics 2021: Klaus Hasselmann (January 7, 2022)



https://youtu.be/UF8PBXkCtko

### But how accurate are these models?

#### GAVIN SCHMIDT CMIP6 Climate Models

**Implausible Results! Running Too Hot!** 

"You end up with numbers for even the near-term that are insanely scary—and wrong."

Source: https://www.science.org/content/article/un-climate-panel-confronts-implausibly-hot-forecasts-future-warming "U.N. climate panel confronts implausibly hot forecasts of future warming" (Science, vol. 373, 474, July 27, 2021)

#### In the mean time: Geosciences went seriously wrong and ill

() » Browse Volumes & Issues	Search within this journal	() » Browse Volumes & Issues			
Arabian Journal of Geosciences All Volumes & Issues Environment and Low Carbon		Retraction Note Retraction Note to: Analysis of PM2.5 air pollution sources based of recognition and tracking of sports training process Seo Yeon-hee, Feng Miao, Ruijie Li	on image		
Transportation		» Download PDF (397KB) » View Article	Article:2375		
Transportation	Arabian Journal	Retraction Note			
ISSN: 1866-7511 (Print) 1866-7538 (Online)	of Geosciences A∕JG	Retraction Note to: The formation mechanism of heavy pollution w			
	المجلة العرزية للعلوم الجيولوجية	based on abnormal flow detection and the impact of big data sport Shen Cao, Lina Ren	s training		
In this topical collection (394 articles)	Q terringer 🔛 Vacatar 🕥	» Download PDF (396KB) » View Article	Article:2374		
Page 1 of 20		Retraction Note			
Retraction Note Retraction Note to: Correlation of air pollutants and prediction of physical fitness index based on wireless sensor network		Retraction Note to: Coastal soil pollution detection and business E teaching index construction based on deep feature fusion Minjun Tong, Tianyue Gao, Jun Peng, Tian Xie » Download PDF (397KB) » View Article	nglish Article:2373		
Na Ping, Pengfei Sun, Qian Kang		Retraction Note			
» Download PDF (397KB) » View Article Article:2394		Retraction Note to: Risk assessment of extreme rainfall climate ch sports stadium sports based on video summarization algorithm	ange and		
Retraction Note		Lingling Wu, Haiyang Li	All the OP		
Retraction Note to: Big data detection of marine biological characteristics and					
juvenile swimming based on massive data Weimin Zhao, Yezhou Guo		Retraction Note			
» Download PDF (397KB) » View Article Article 2386		Retraction Note to: Parameter estimation based on rainfall water characteristics and garlic nutrition human gastrointestinal absorption calculation	n		
Retraction Note		Yu Li, Yingying Fan			
Retraction Note to: Air dust pollution and online music teaching effect based		» Download PDF (396KB) » View Article	Article:2371		
on heterogeneous wireless network		Retraction Note			
Lihua Xu		Retraction Note to: Seasonal variation of coastal circulation based	on		
» Download PDF (395KB) » View Article Andre 2385		parameter grey estimation and evaluation of residents' physical ex	ercise		

behavior

#### Depringer Link

#### Original Paper | Published: 21 August 2021

RETRACTED ARTICLE: Distribution of earthquake activity in mountain area based on embedded system and physical fitness detection of basketball

HaoChen Tang & Qingyuan Xie 🖂

Arabian Journal of Geosciences 14, Article number: 1849 (2021) Cite this article

186 Accesses | 5 Altmetric | Metrics

1 This article was <u>retracted</u> on 03 November 2021

O An Editorial Expression of Concern to this article was published on 28 September 2021

This article has been <u>updated</u>

#### Abstract

With the development of embedded system technology in recent years, it has become increasingly mature. The training model is to train the voice in the embedded system, and match the voice to be tested with the pattern, so as to complete the speech recognition of nonspecific people to generate the training model. Therefore, in this paper, the embedded system is used to record the 2018-2020 mountain seismic data of the reservoir at a specific location downstream. For these earthquakes, the displacement, activity, and source parameters are studied, so as to analyze the general characteristics of the distribution of seismic activity in the mountain area, and summarize the double location. At the present stage of Chinese basketball, college basketball is one of the important foundations of its development. Basketball is not only one of the most popular and popular sports in the world, but also one of the most popular sports in China. Since it was introduced into China, it has been highly concerned by the masses and the whole country. Improving the level of college basketball plays an important role in promoting the level of Chinese basketball. Taking a college basketball team as an example, this paper expounds the importance of special basketball training and the role of basketball detection system, and provides effective tips for special physical training. Server data transmission technology and database technology design and implement the team sports physical fitness detection and evaluation system, greatly improve the security of basketball and training. In this paper, the embedded system technology is used to study the distribution of earthquake activity, basketball training, and physical fitness detection. In this paper, the distribution of seismic activity in mountainous areas and basketball physical fitness detection are studied and applied in practice, in order to promote its development and application.

#### Part of a collection: Environment and Low Carbon Transportation Access options **Buy article PDF** USD 39.95 Price includes VAT (USA) Tax calculation will be finalised during checkout. Instant access to the full article PDF. Rent this article via DeepDyve. Learn more about Institutional subscriptions Sections Figures References Abstract Change history References Author information Ethics declarations Additional information Rights and permissions About this article Advertisement



October 5, 2021: What does the Nobel Prize in Physics has to do with UN IPCC?

https://www.ipcc.ch/2021/10/05/news-comment-ipcc-chair-nobel-prize-physics/



It is encouraging to see the Nobel Physics Prize recognizing the work of scientists who have contributed so much to our understanding of climate change.



#ClimateReport

HOESUNG LEE IPCC CHAIR



#### **Anti-science reality and pseudo-scientists**

*"The people who are supposed to be the experts and who"* claim to understand the science are precisely the people who <u>are blind to the evidence</u>...I hope that a few of them will make the effort to examine the evidence in detail and see how it contradicts the prevailing dogma, but I know that the majority will remain blind. That to me is the central mystery of climate science. It is not a scientific mystery but a human mystery. How does it happen that the whole generation of scientific experts is blind to obvious facts?"

Freeman Dyson, foreword in a GWPF report on
 "Carbon Dioxide: The Good News" by Indur Goklany (2015)



# I POOPED MY PANTS

# BUT THAT'S NONE OF MY BUSINESS

What is climate? Examine CO<sub>2</sub> within the context of energy flows

What is climate? What area of expertise is required to master it? An understanding of climate requires an amalgamation of astronomy, solar physics, geology, geochronology, geochemistry, sedimentology, tectonics, palaeontology, paleoecology, glaciology, climatology, meteorology, oceanography, ecology, archaeology and history.

Studies of the *Earth's atmosphere* tell us nothing about future climate.

### THE GREENHOUSE EFFECT

Earth's Surface

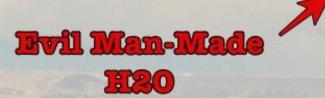
Some solar radiation is reflected by Earth and the atmosphere Some of the infrared radiation passes through the atmosphere. Some is absorbed by greenhouse gases and re-emitted in all directions by the atmosphere. The effect of this is to warm Earth's surface and the lower atmosphere.

Some radiation is absorbed by Earth's surface and warms it

Infrared radiation is emitted by Earth's surface

https://royalsociety.org/topics-policy/projects/climate-change-evidence-causes/basics-of-climate-change/





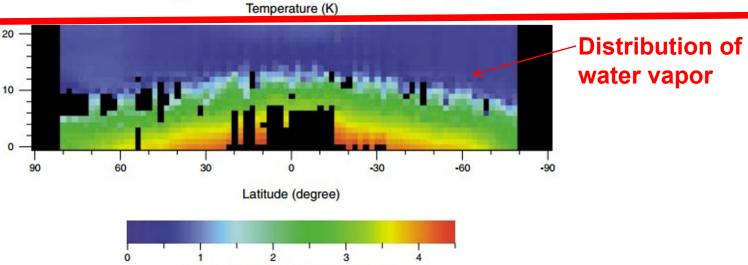
# Greenhouse effects by water vapor (not CO<sub>2</sub>) are governing atmospheric temperature

The Troposphere; Temperature and Water Vapor

250

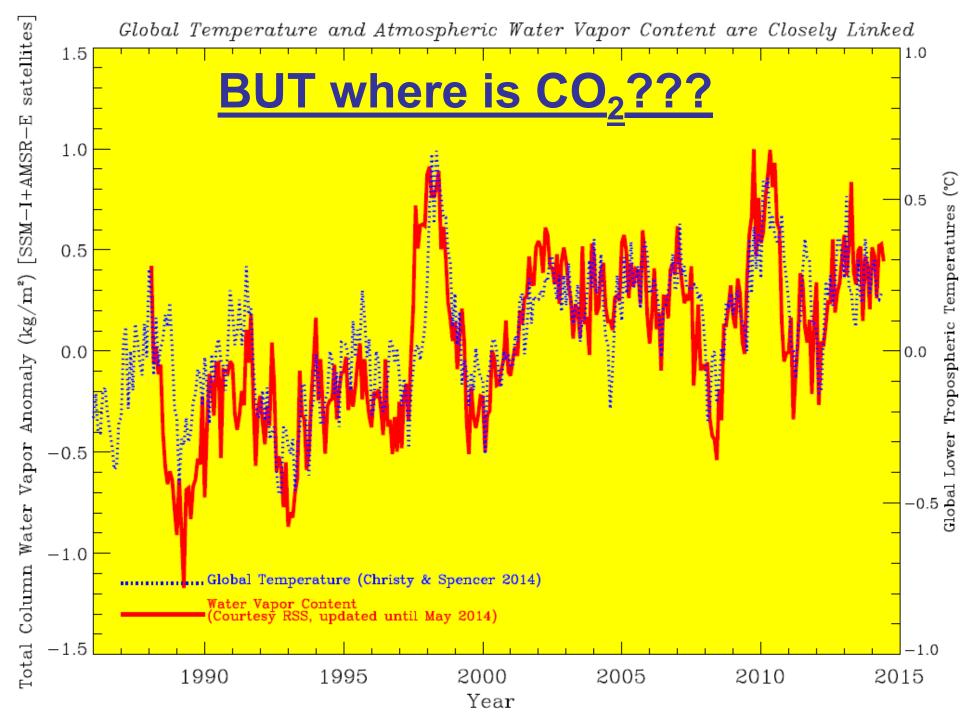
200

Distribution of atmospheric temperature

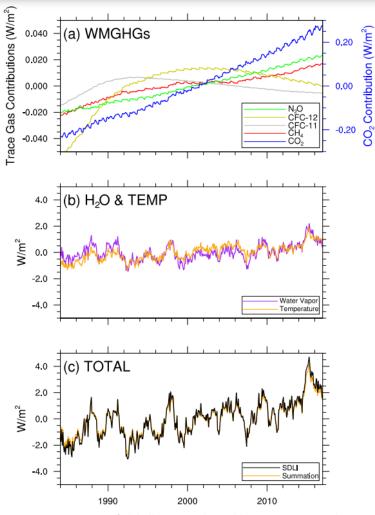


300

Water vapor mixing ratio (log(ppmv))



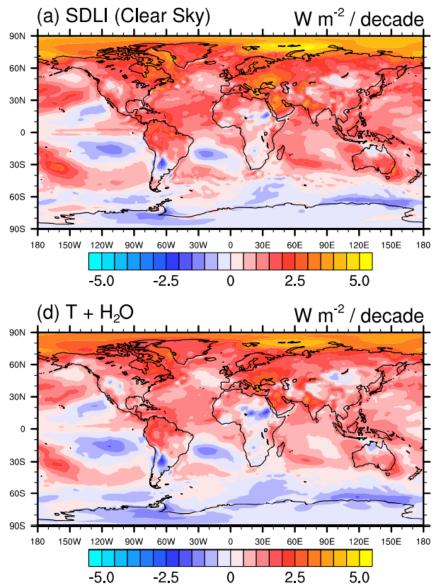
## It is H<sub>2</sub>O and Temperature that are responsible for 90% of the Downwelling LW radiation to surface



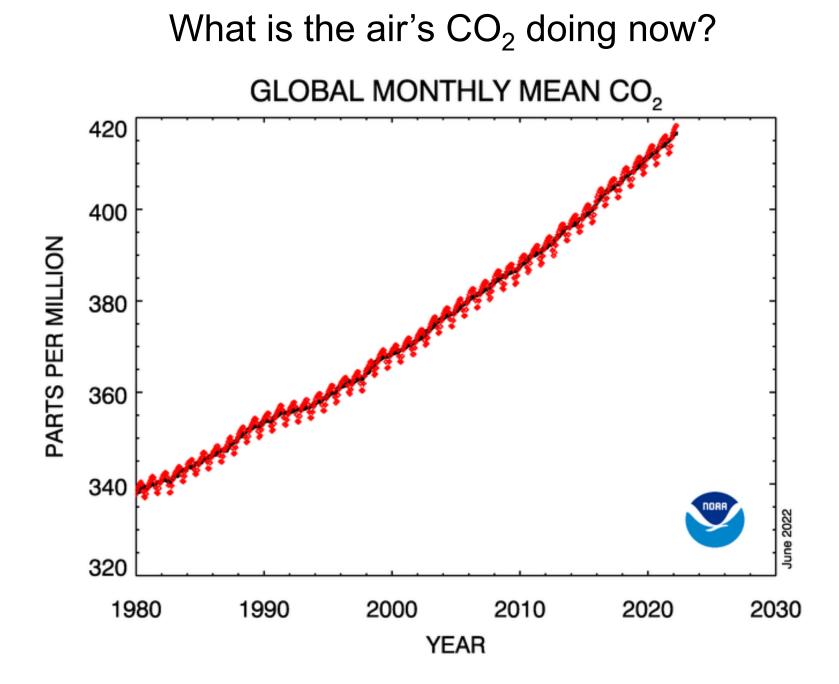
**Fig. 3:** Timeseries of globally averaged monthly mean SDLI anomalies contributed by (a) the WMGHGs ( $CO_2$  y-axis to the right) and (b) water vapor and atmospheric temperature. (c) Total SDLI anomaly timeseries (black) and the timeseries (orange) resulting from the sum of all contributions in (a) and (b).

https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2021GL093961 (Clark et al. 2021)

## It is H<sub>2</sub>O and Temperature that are responsible for 90% of the Downwelling LW radiation to surface

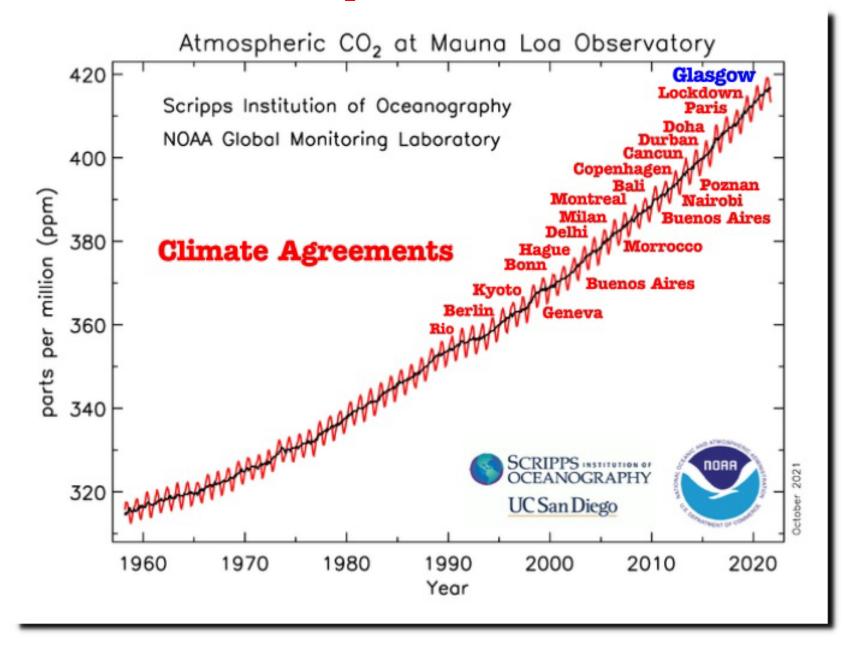


https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2021GL093961 (Clark et al. 2021)



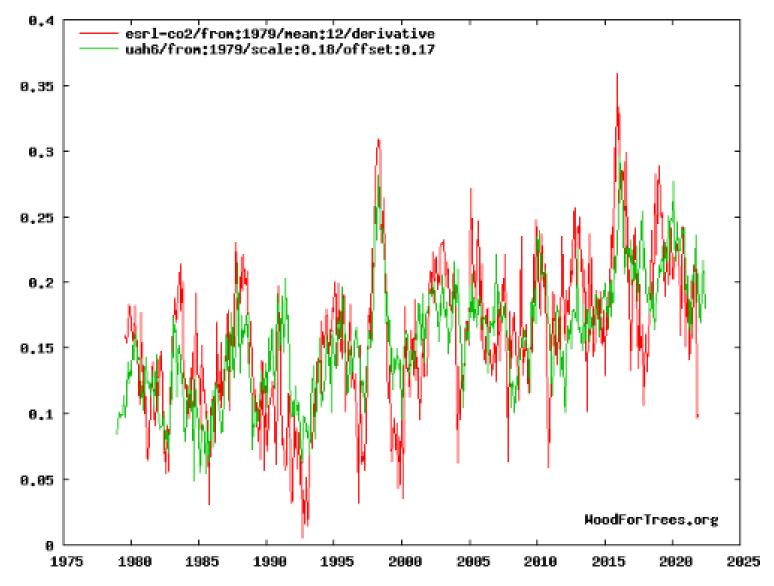
https://www.esrl.noaa.gov/gmd/ccgg/trends/global.html

#### This proves that rising $CO_2$ causes more "climate agreements"?



https://realclimatescience.com/2021/10/updated-climate-forecast/

## Even the monthly rate of changes in the CO<sub>2</sub> content is related (caused by) to atmospheric temperature?



Courtesy of Allan MacRae of Calgary, Alberta (July 7, 2022)

Changes in <u>CO<sub>2</sub> follow changes in *T* by about six months on a monthly scale, or about one year on an annual scale</u>



Article Atmospheric Temperature and CO<sub>2</sub>: Hen-Or-Egg Causality?

Demetris Koutsoyiannis <sup>1,\*</sup> and Zbigniew W. Kundzewicz <sup>2</sup>

**Table 1.** Maximum cross-correlation coefficient (MCCC) and corresponding time lag in months. The annual window for temperature is July–June, while for CO<sub>2</sub>, it is either different (sliding), determined so as to maximize MCCC, or the same (fixed).

Temperature—CO <sub>2</sub> Series	Monthly Time Series		Annual Time Series—Sliding Annual Window		0	Annual Time Series—Fixed Annual Window	
	MCCC	Lag	MCCC	Lag	MCCC	Lag	
UAH—Mauna Loa	0.47	5	0.66	8	0.52	12	
UAH—Barrow	0.31	11	0.70	14	0.59	12	
UAH—South Pole	0.37	6	0.54	10	0.38	12	
UAH—Global	0.47	6	0.60	11	0.60	12	
CRUTEM4—Mauna Loa	0.31	5	0.55	10	0.52	12	
CRUTEM4—Global	0.33	9	0.55	12	0.55	12	

#### Koutsoyiannis and Kundzewicz (2020) https://www.mdpi.com/2413-4155/2/4/83

#### What about the "Greenhouse Effects"?

www.nature.com/scientificreports

# SCIENTIFIC REPORTS

### **OPEN** A Hiatus of the Greenhouse Effect

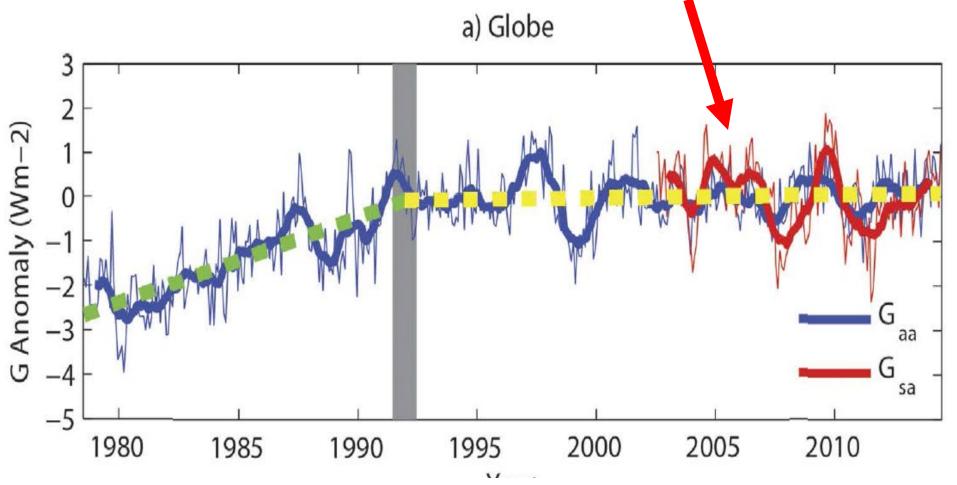
Jinjie Song, Yuan Wang & Jianping Tang

Received: 17 February 2016 Accepted: 24 August 2016 Published: 12 September 2016 The rate at which the global average surface temperature is increasing has slowed down since the end of the last century. This study investigates whether this warming hiatus results from a change in the well-known greenhouse effect. Using long-term, reliable, and consistent observational data from the Earth's surface and the top of the atmosphere (TOA), two monthly gridded atmospheric and surface greenhouse effect parameters ( $G_a$  and  $G_s$ ) are estimated to represent the radiative warming effects of the atmosphere and the surface in the infrared range from 1979 to 2014. The atmospheric and surface greenhouse effect over the tropical monsoon-prone regions is found to contribute substantially to the global total. Furthermore, the downward tendency of cloud activity leads to a greenhouse effect hiatus after the early 1990 s, prior to the warming pause. Additionally, this pause in the greenhouse effect is mostly caused by the high number of La Niña events between 1991 and 2014. A strong La Niña indicates suppressed convection in the tropical central Pacific that reduces atmospheric water vapor content and cloud volume. This significantly weakened regional greenhouse effect. This work suggests that the greenhouse effect hiatus can be served as an additional factor to cause the recent global warming slowdown.

Song et al. (published Sep. 12, 2016), Scientific Reports, vol. 6, doi:101038/srep33315

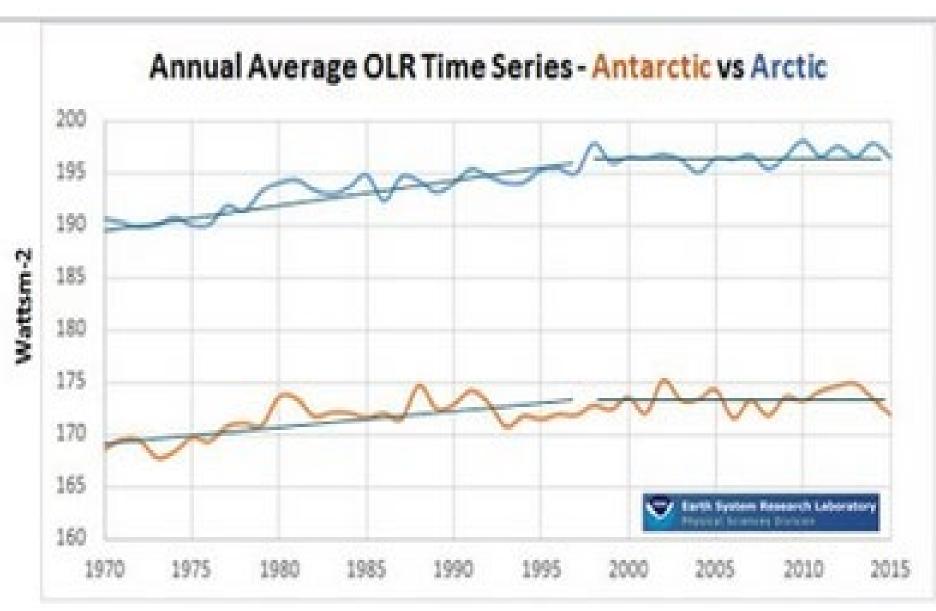
What about the "Greenhouse Effect"?

It is flattening (not rising rapidly) and that the effect is dominated by the self-cancellation effects between water vapor and clouds <u>but not by rising atmospheric CO<sub>2</sub></u>



Song et al. (published Sep. 12, 2016), Scientific Reports, vol. 6, doi:101038/srep33315

#### Outgoing LW radiations are not increasing at both Arctic and Antarctic



**Dynamics of Earth Weather and Climate System:** CO<sub>2</sub> is <u>not a heat source</u>; it merely change the rate of how the Earth cools **Bottomline:** 

- (1) In the absence of greenhouse gases, average Earth temperature would be -1°C (not -18°C as usually said; do you know why?).
- (2) Having greenhouse gases and if Earth is allowed to warm and cool only by radiation, then Earth temperature would be 77°C !!!
- (3) But Earth temperature is 15°C. Luckily Earth "wisely finds more efficient ways to cool its surface": air currents in cumulus clouds, storm systems, large-scale circulations etc ...

### Actual calculations showing the importance of H<sub>2</sub>O vapor rather than CO<sub>2</sub>

### CO<sub>2</sub> is only important here: 30-65 km

Journal of Quantitative Spectroscopy & Radiative Transfer 234 (2019) 55-63

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### The impact of various HITRAN molecular spectroscopic databases on infrared radiative transfer simulation

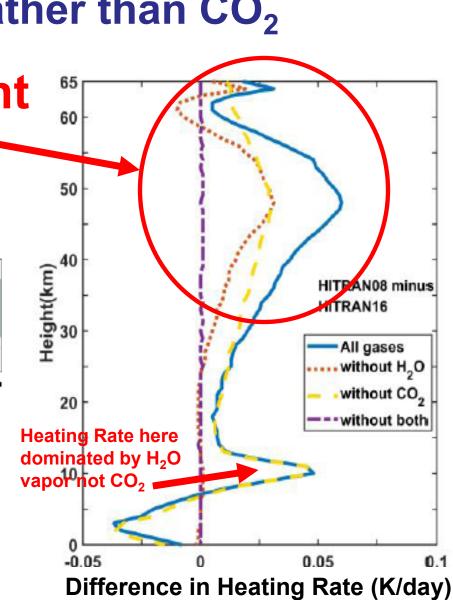


Mingwei Zhu<sup>a</sup>, Feng Zhang<sup>a,b,\*</sup>, Wenwen Li<sup>a</sup>, You Wu<sup>a</sup>, Na Xu<sup>c</sup>

<sup>a</sup> Key Laboratory of Meteorological Disaster, Ministry of Education/Collaborative Innovation Center on Forecast and Evaluation of Meteorological Disaster, Nanjing University of Information Science and Technology, Nanjing 210044, China

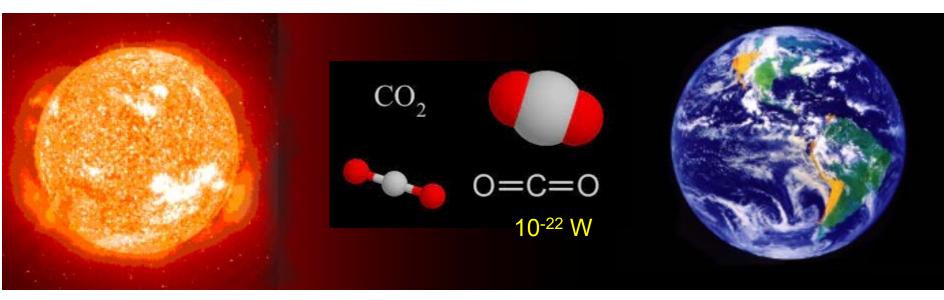
<sup>b</sup> Remote Sensing Technology Institute (IMF), German Aerospace Center (DLR), Oberpfaffenhofen 82234, Germany

<sup>c</sup>Key Laboratory of Radiometric Calibration and Validation for Environmental Satellite, National Satellite Meteorological Center, China Meteorological Administration, Beijing 100081, China



The diameter of the Sun is 109 times that of the Earth

# The weather-climate system is powered by solar energy



Power:  $4 \ge 10^{26}$  W (Earth is 2 billion times weaker)  $2 \ge 10^{17}$  W (world most powerful laser: 5-10 x  $10^{15}$  W; 100 petawatts pulse coming\*)

Adapted from Jurg Beer 2007's presentation

\*Ruxin Li, Shanghai Superintense Ultrafast Laser Facility (January 24, 2018 Science Magazine News)



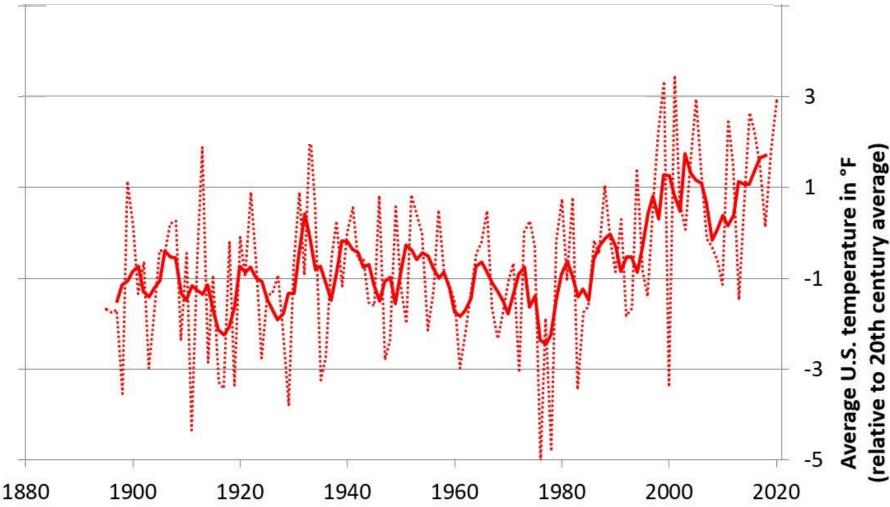
"What historians will definitely wonder about in future centuries is how deeply flawed logic, obscured by shrewd and unrelenting propaganda, actually enabled a coalition of powerful special interests to convince nearly everyone in the world that CO2 from human industry was a dangerous, planet-destroying toxin. It will be remembered as the greatest mass delusion in the history of the world that CO2, the life of plants, was considered for a time to be a deadly poison."

~RICHARD LINDZEN

azquotes.com

The average US temperature "anomaly" is getting hotter?

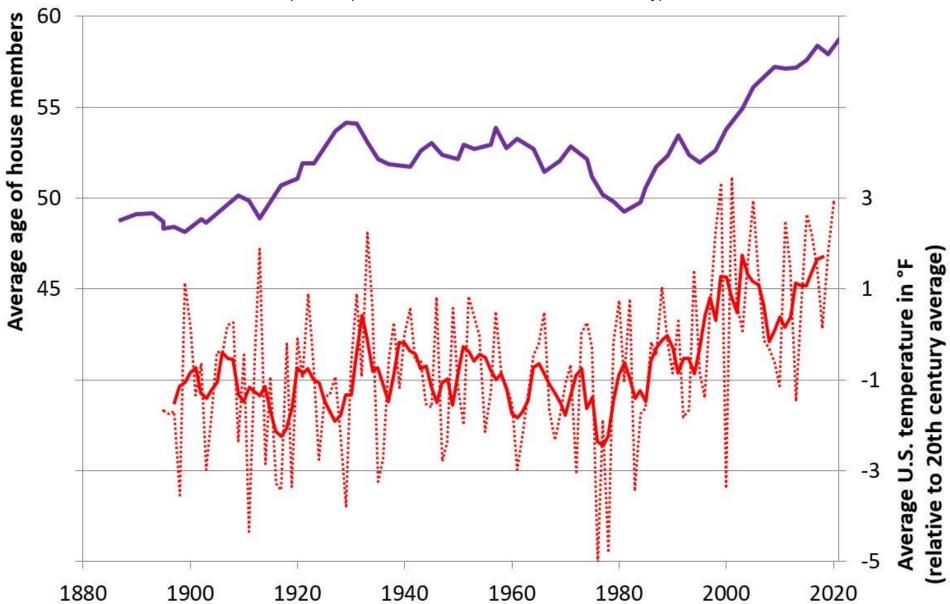




https://www.ncdc.noaa.gov/cag/national/time-series/110/tavg/ann/8/1895-2021?base\_prd=true&begbasevear=1901&endbasevear=2000

### The US House members (average age) is causing US temperature to rise: A proof of climate change

(With helps from Victor Velasco and Ronan Connolly)



More pseudo- or cartoon-science by Mann with help from AI Gore

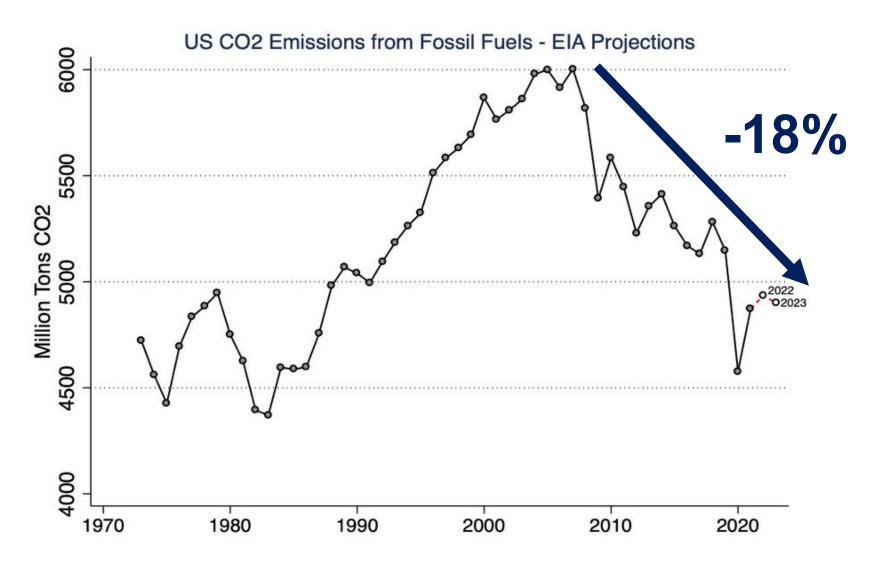


Prof Michael E. Mann 🔗 @MichaelEMann · 54m ···· Much thanks @AlGore for the kind shout-out at @TEDTalks (October 14, 2021)



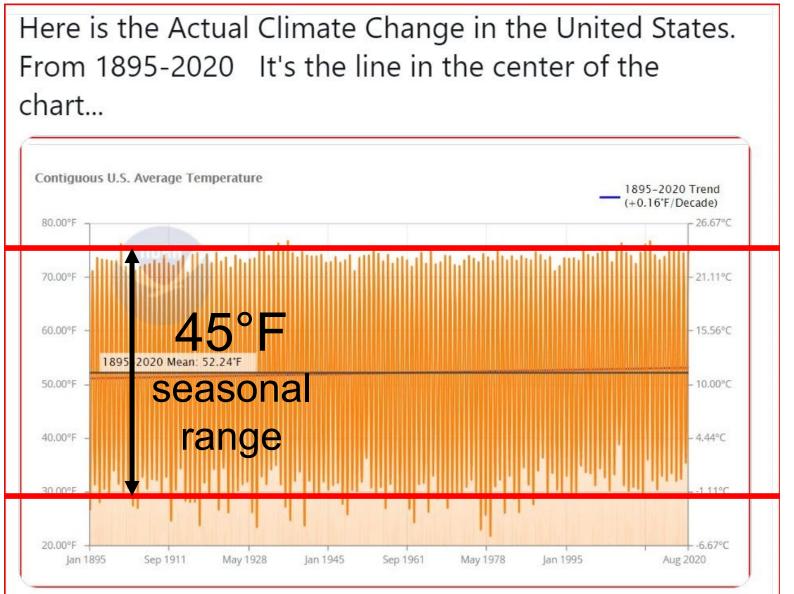
https://twitter.com/MichaelEMann/status/1448688801245761537?s=20

# Is it a big surprise that US CO<sub>2</sub> emissions have been 18% below the mid-2000s peak ?

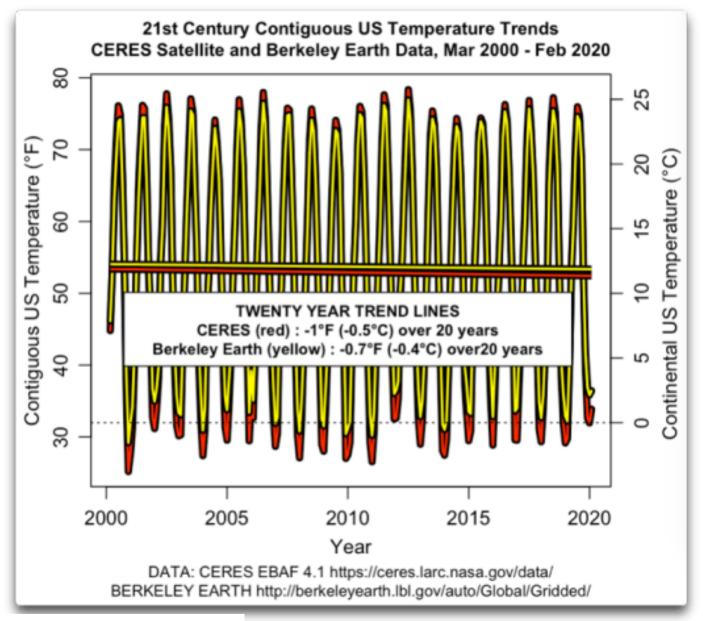


Source: https://twitter.com/hausfath/status/1544543051749548034 (July 5, 2022; Zeke Hausfather)

#### 100% confident that it is impossible to find $CO_2$ in USA Records



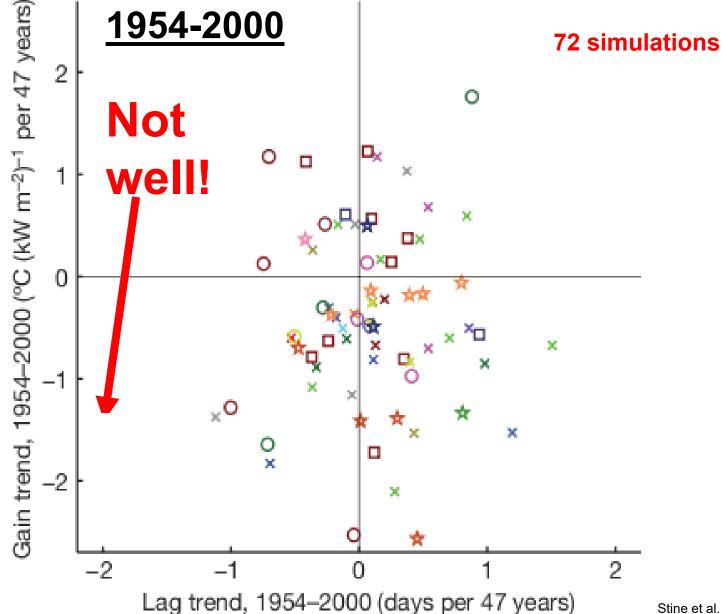
#### The US temperature has not been warming for 20 years



Courtesy of Willis Eschenbach (April 1, 2021)

## Can climate models simulate seasonal temperature cycles correctly?

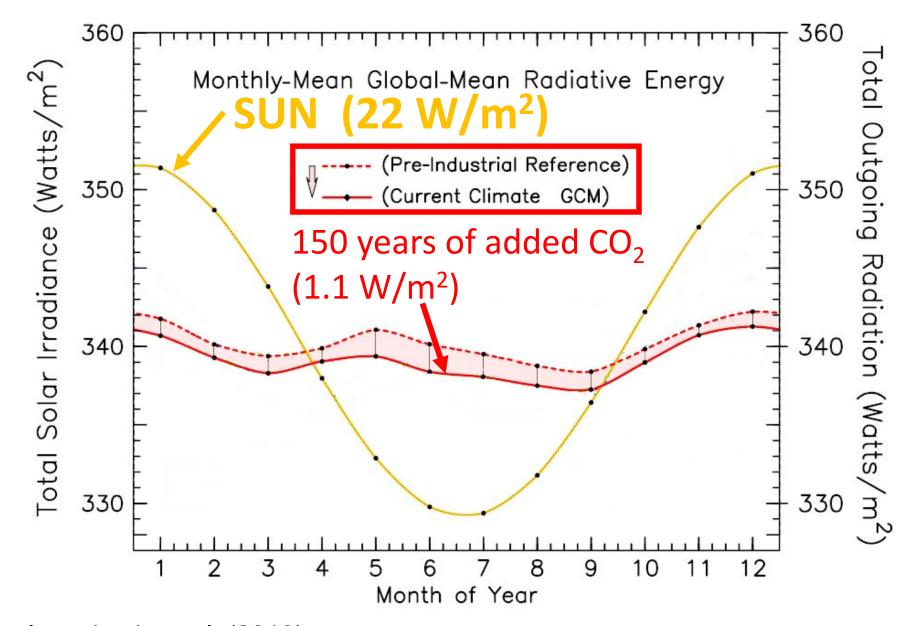
### How well can 24 climate models simulate seasonal and annual cycles (on land surfaces)?



- × BCC-CM1
- × ccsm3
- × CGCM3.1(T47)
- CGCM3.1(T63)
- × CNRM-CM3
- × CSRIO3.0
- O CSRIO3.5
- × ECHAM5/MPI-OM
- × ECHO-G
- × FGOALS-g1.0
- × GFDL-CM2.0
- O GFDL-CM2.1
- × GISS-AOM
- O GISS-EH
- GISS-ER
- × INGV–SXG
- 🖈 INM-CM3.0
- 🌟 IPSL-CM4
- × MIROC3.2(medres)
- MIROC3.2(hires)
- 🔯 MRI-CGCM2.3.2
- 🛧 РСМ
- UKMO-HadCM3
- \* UKMO-HadGEM1



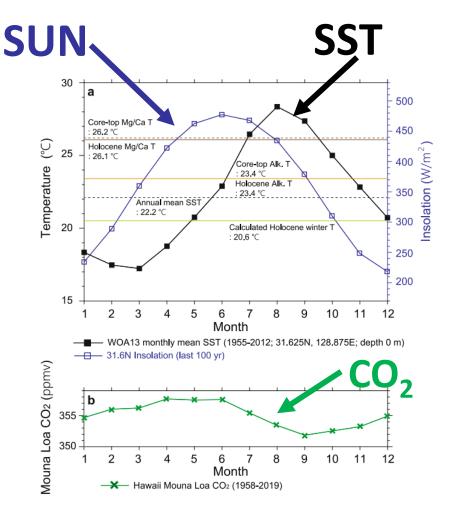
#### Hunting for CO<sub>2</sub>: Where is it?



Carlson, Lacis et al. (2019), Geophysical Research Letters, vol. 46, 2019GL083736

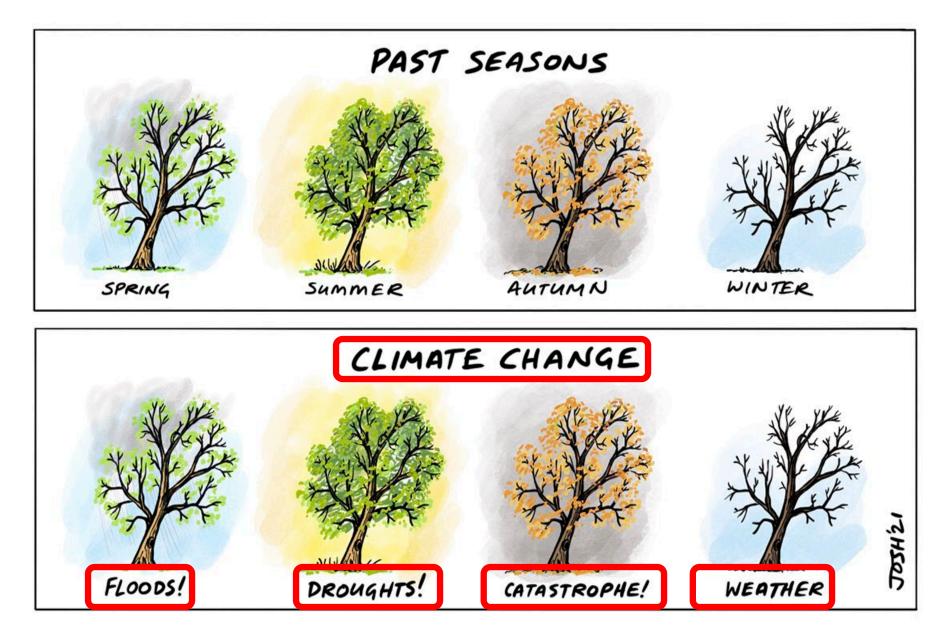
#### Hunting for CO<sub>2</sub> In the Season: Where is it?

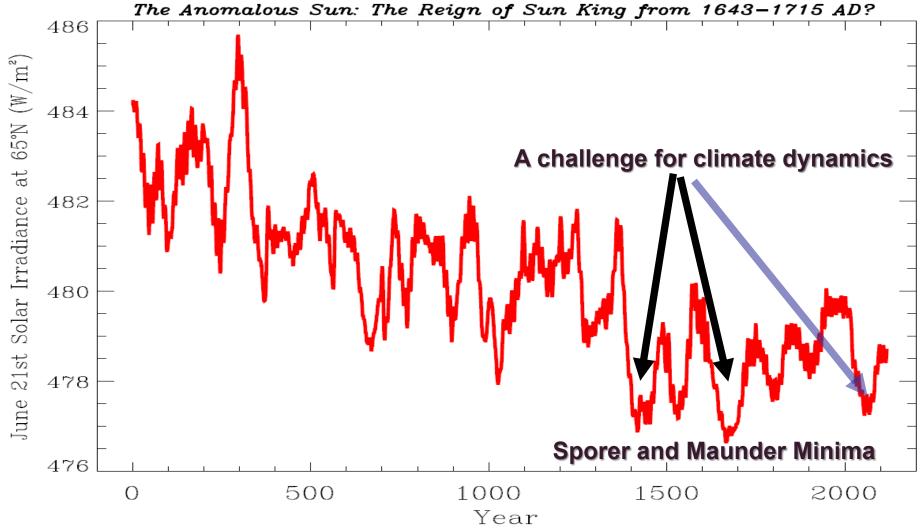
- Top: Seasonal sunlight and Sea Surface Temperatures (SST)
- Bottom: The seasonal variation in CO<sub>2</sub> is small and the pattern does not match



Lee, Clemens et al. (2021), Nature Communications, vol. 12, article #5742

# Failed Predictions for at least 50 years



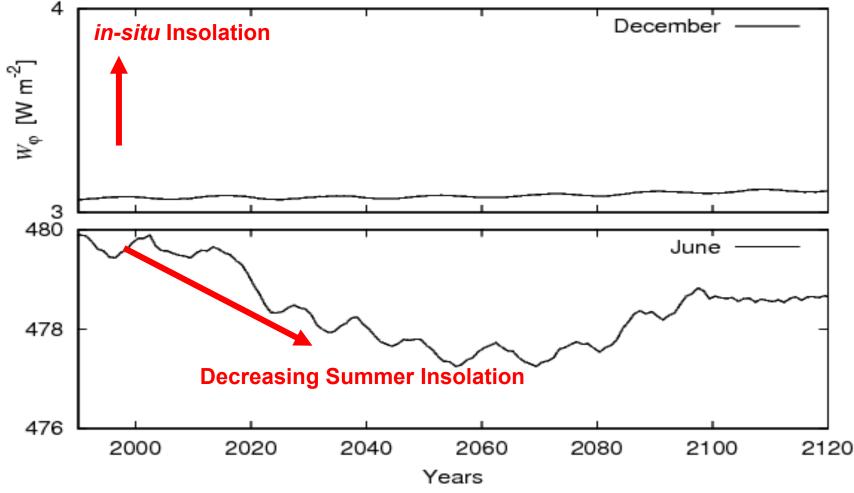


Cionco & Soon (2017)

- Earth's orbit changes subtly, but significantly, on timescales of decades to centuries
- E.g., In "the Little Ice Age", very low mid-summer irradiance at 65°N
- Q. Any future changes to be concerned about?

#### A proper scientific look into the Future?

Mean-daily irradiance at 65N - Solstitial days



- 1. Cionco and Soon (2017) Earth-Science Reviews, vol. 166, 206-222;
- 2. Cionco, et al. (2018) New Astronomy, vol. 58, 96-106
- 3. Cionco, Soon et al. (2020a) Advances in Space Research, vol. 66, 720-742
- 4. Cionco, Soon et al. (2020b) Advances in Space Research, vol. 66, 1992-2000
- 5. Cionco et al. (2021) Earth and Space Science, vol. 8, e2021EA001805



# Why don't we just cut or reduce CO<sub>2</sub> emissions just in case?

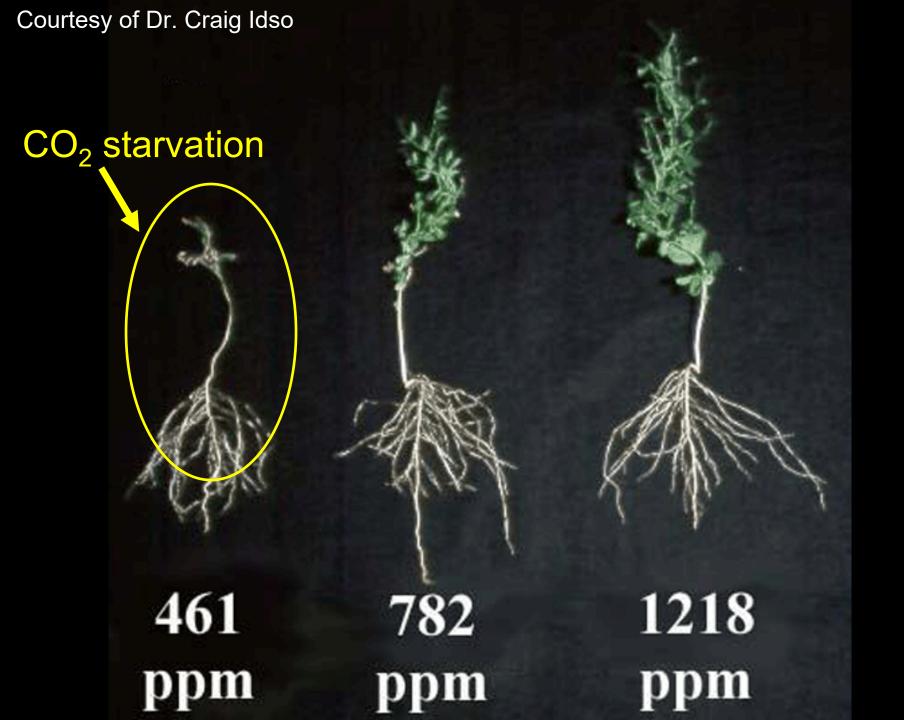
#### Carbon Dioxide is Essential for Life Learn more at CO2coalition.org

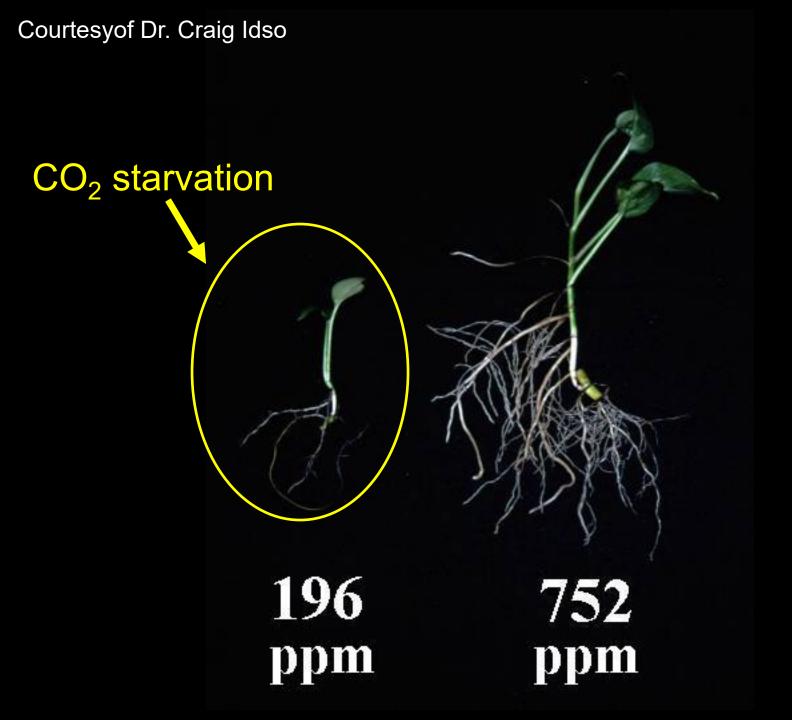
On the Pennsylvania Turnpike (May 26, 2021).

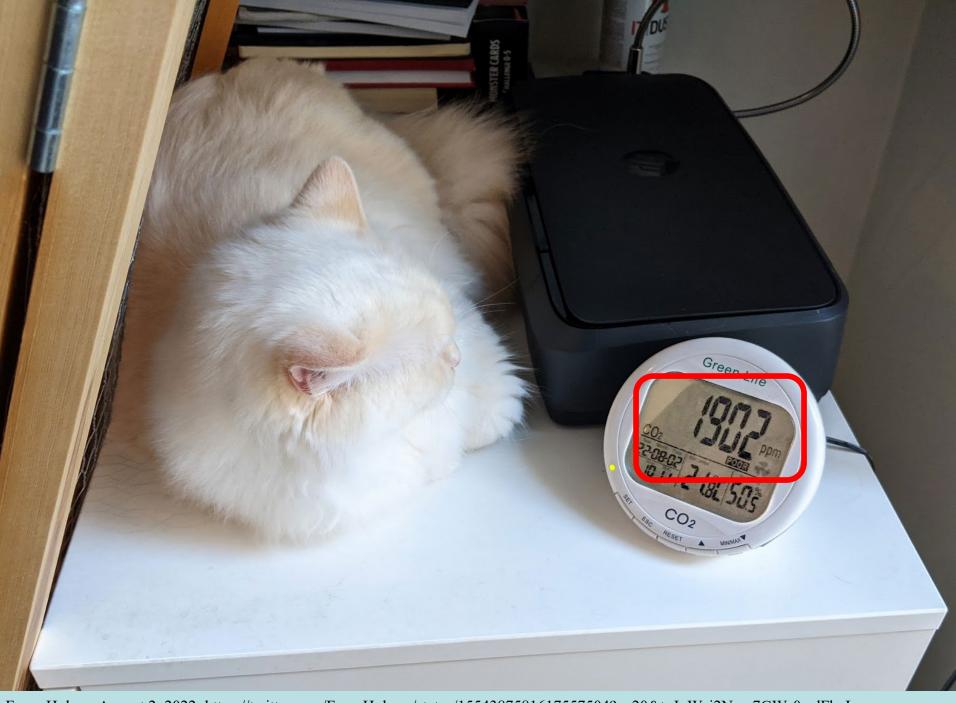
PENNECOOUTDODR.COM

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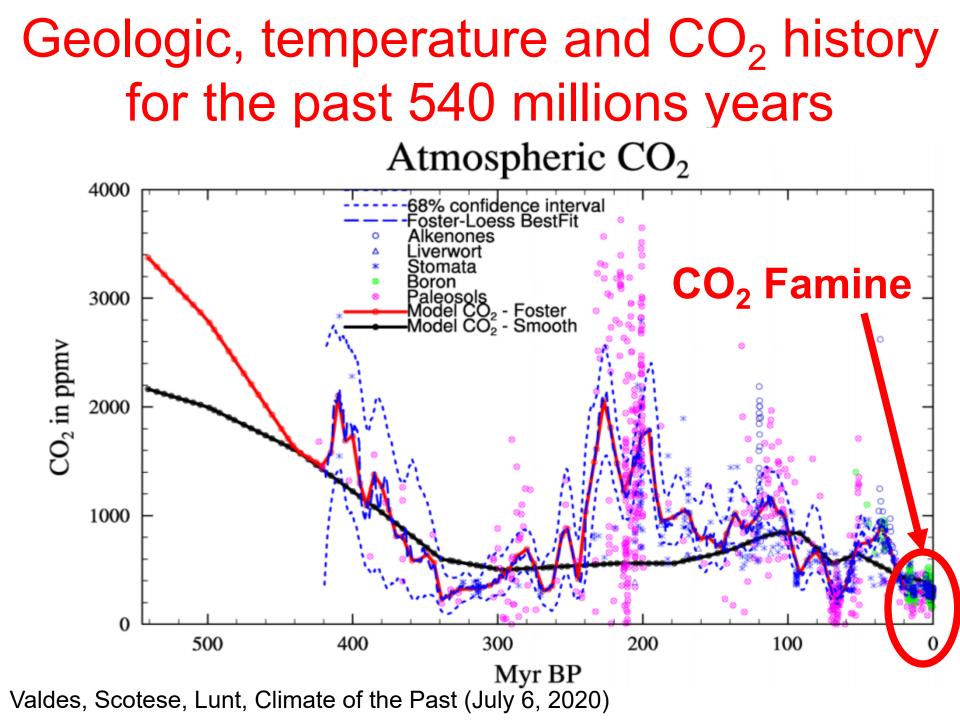
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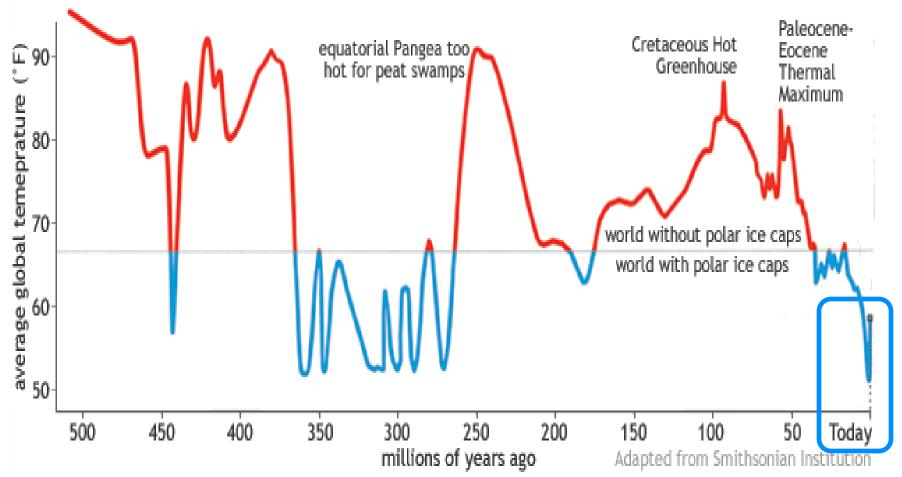


Freya Holmer August 2, 2022; https://twitter.com/FreyaHolmer/status/1554387581617557504?s=20&t=IoWoi2Nwn7GWa0wdFkqLxw



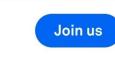
# Geologic, temperature and CO<sub>2</sub> history for the past 540 millions years

Estimated global temperature over the last 500 million years



https://www.climate.gov/news-features/climate-qa/whats-hottest-earths-ever-been Valdes, Scotese, Lunt, Climate of the Past (July 6, 2020)

 $\exists \sigma$ 



CLIMATE CHANGE

#### Could humans become smaller in response to climate change?

WORLD

ECONOMIC

FORUM

Jun 15, 2022

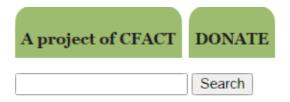


Steve Brusatte, a professor of paleontology at the University of Edinburgh, expects humans to shrink for a better chance of survival in the face of climate change. Remarks of Charles Ismay, Massachusetts Undersecretary for Climate Change to Vermont Climate Council, Jan. 25, 2021

"So let me say that again, 60% of our emissions that need to be reduced come from you, the person across the street, the senior on fixed income, right ... there is no bad guy left, at least in Massachusetts to point the finger at, to turn the screws on, and you know, to break their will, so they stop emitting. That's you. We have to break your will. Right, I can't even say that publicly."

Source: Professor William Happer, February 19, 2021 talk for Hillsdale College https://youtu.be/jIMpjh\_7-bw

# **CLIMATE DEPOT**



#### You are the pollution they want to eliminate! Study: 'Eating Too Much Protein Makes (Human) Pee a Problem Pollutant in the U.S.' – 'Can contribute to warming'



Protein-packed diets add excess nitrogen to the environment through urine, rivaling pollution from agricultural fertilizers

By Sasha Warren on July 27, 2022

# You are the carbon they want to reduce

S

#### More itchy poison ivy in the FUTURE: how they know that?

PLANTS & ANIMALS

#### With Climate Change, Poison Ivy May Get Itchier

They may call this "news" but it was from a 2006 paper!

Bad news for the estimated 80 percent of the human population that's allergic to the dreaded—and abundant—leaves of three.



Getty

By: Olivia Box | June 14, 2021 0 2 minutes

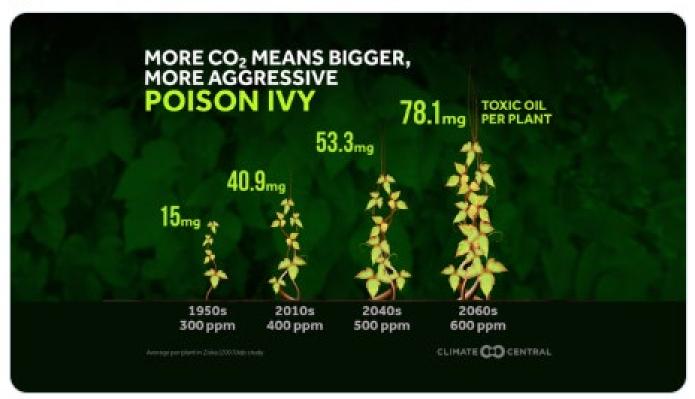
#### Wait Willie Soon is the Devil: He Didn't Tell you This



Bernadette Woods Placky @BernadetteWoods  $\sim$ 

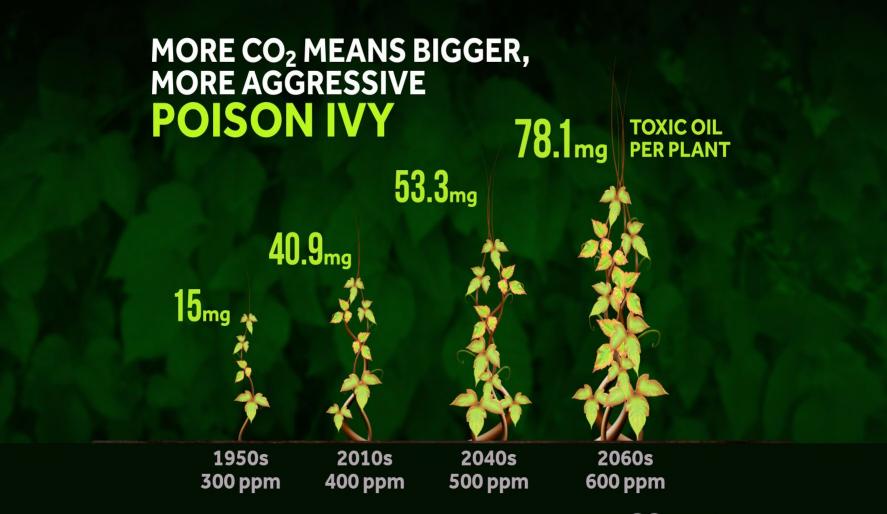
You know what really likes carbon dioxide? Poison ivy. Yes, poison ivy plants are getting bigger and more toxic with the increase in atmospheric carbon dioxide.

@ClimateCentral #ClimateMatters



11:26 AM · Aug 7, 2020 · Twitter Web App

Leafy Greens or Poison Ivy (Ragweed): Good versus Evil?



Average per plant in Ziska (2007) lab study

CLIMATE CO CENTRAL

#### Ragweed CO<sub>2</sub> Enrichment: You and I are paying for the "experiments"



Annals of Allergy, Asthma & Immunology Volume 88, Issue 3, March 2002, Pages 279-282 ORIGINAL ARTICLES

Production of allergenic pollen by ragweed (*Ambrosia artemisiifolia* L.) is increased in CO<sub>2</sub>enriched atmospheres

Peter Wayne PhD \* \Lambda 🖾 , Susannah Foster BS \*, John Connolly PhD <sup>†</sup>, Fakhri Bazzaz PhD \*, Paul Epstein MD <sup>‡</sup>

#### ACKNOWLEDGMENTS

We thank Eric Macklin, Kristina Stinson, Missy Holbrook, Sebastian Katovsky, Christine Rogers, and Michael Muilenberg for comments on an earlier draft of this paper, and Sam Wayne for practical assistance. This research was funded by NSF grant IBN-9615298 to FAB, a Harvard University undergraduate research grant to SLF, NASA grant no. S-35675-G, National Environmental Trust and NOAA grant NA06GP0673, and a Forbairt International Collaboration Program grant to JC.

# More important lessons from Nature

**HOME & GARDEN** 

# Poison ivy is the wildlife salad bar of the woods

Rachel Mathes UF/Leon County Extension Published 1:43 p.m. ET Oct. 24, 2019





Only humans and a few other primates are sensitive to poison ivy, while most animals feed on the native plant. Gary P. Bell, Bugwood.org.

# More important lessons from Nature

Poison ivy (Toxicodendron radicans) is the bane of every hiker in North Florida and beyond. Those savvy enough to avoid those leaflets of three that intertwine through trees and the ground along trails may save themselves the rash that typically occurs when humans encounter the problematic oil within poison ivy: urushiol.

Poison ivy is related to mangos and cashews, which also contain urushiol. Some may notice a sensitivity to these foods if they have come into repeated contact with poison ivy, as humans can become sensitive to this compound over time. Though unaffected by urushiol themselves, dogs and cats can bring the oil in on their fur, eventually causing a reaction for their humans.

Even though poison ivy seems to be the most annoying plant in the woods, it is actually an important food source for many wildlife species that are unaffected by urushiol. In fact, humans and a few other primates are the only species affected by the oil. Many mammals, reptiles, birds, and amphibians eat the plant and use it as shelter. When flowering, many insect pollinators will visit poison ivy as well.

Poison Ivy has an important natural role in ecology and wildlife

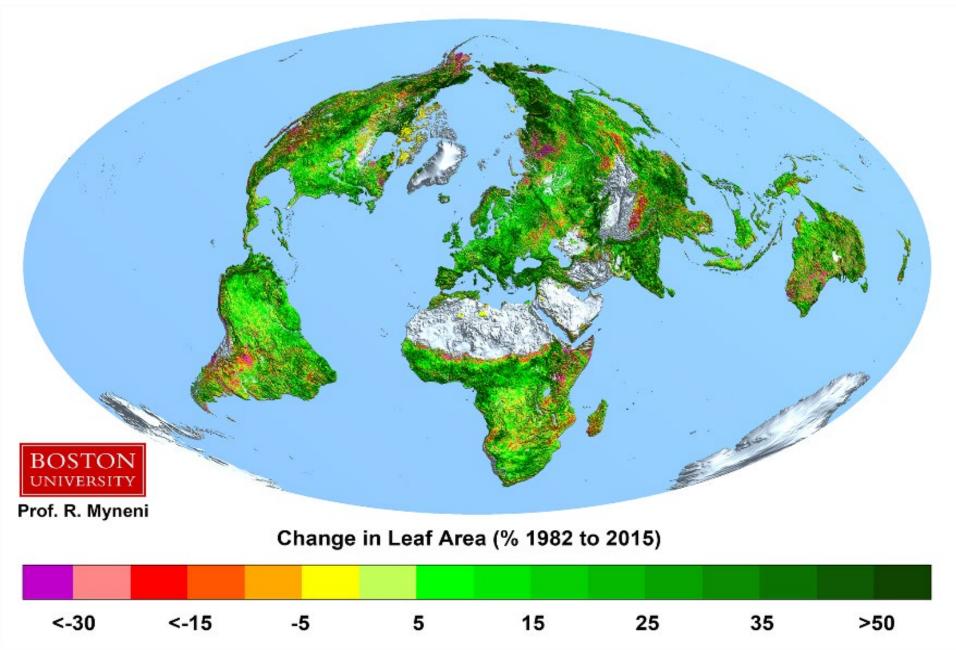
Growing from a six-foot tall woody shrub to a 150-foot vine, poison ivy is remarkably adaptable. It can be found in almost every part of Florida, from hammocks to floodplain forests and swamps, particularly disturbed sites. It can grow in shade or sun, along fences, or high up into tree canopies.

You might be thinking that surely poison ivy is an invasive exotic plant, but in fact it is a native species. It probably won't make any list of desirable native plants any time soon, but it has a place in the local ecosystem.

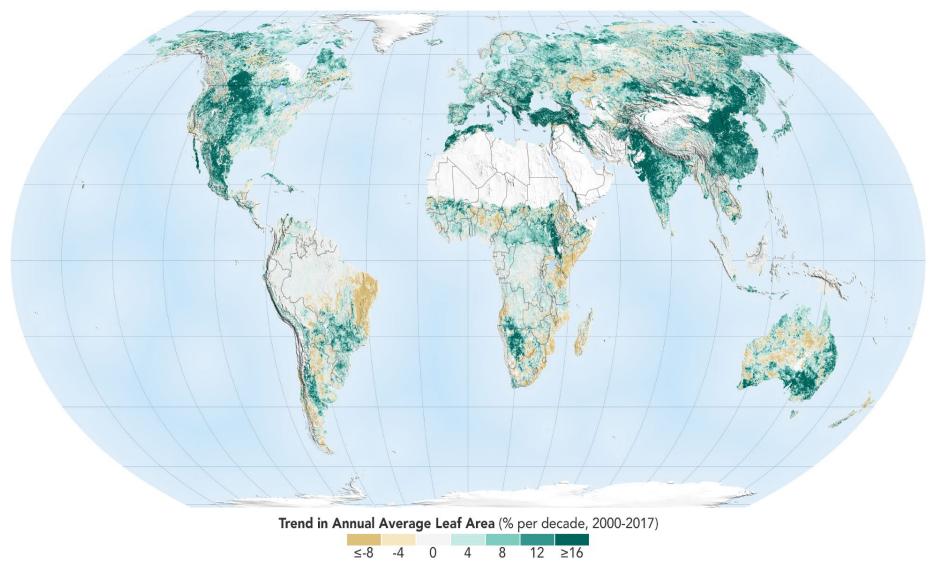
#### Leafy Greens or Poison Ivy (Ragweed): Good versus Evil?



Singh et al. (2020) Agronomy, vol 10, 323

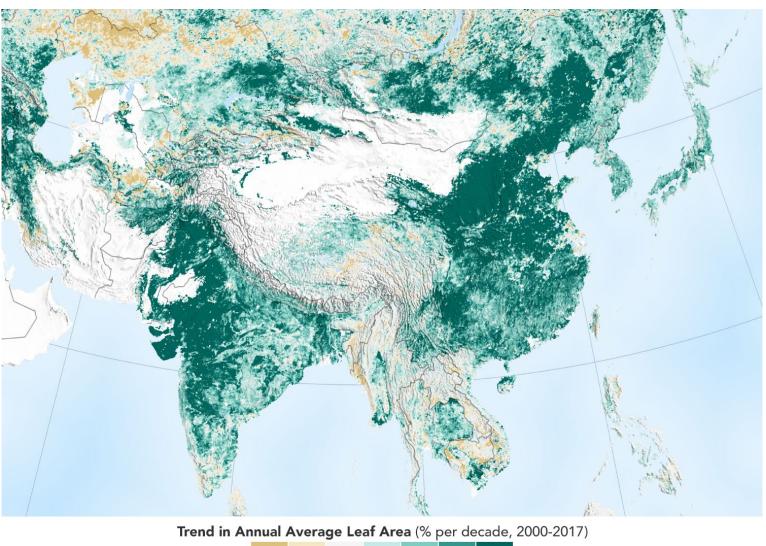


# CO<sub>2</sub> and Greener Planet: China + India



Source: NASA (February 11, 2019) https://www.nasa.gov/feature/ames/human-activityin-china-and-india-dominates-the-greening-of-earth-nasa-study-shows

# CO<sub>2</sub> and Greener Planet: China + India



≤-8 -4 0 4 8 12 ≥16

Source: NASA (February 11, 2019) https://www.nasa.gov/feature/ames/human-activityin-china-and-india-dominates-the-greening-of-earth-nasa-study-shows

#### CO<sub>2</sub> and Greener Planet: China's Loess Plateau



https://twitter.com/StoneCh00365833/status/1398983252988289024

# CO<sub>2</sub> and Agriculture Outputs In India

**Agriculture World** 

#### India set to witness record crop size for 2020-2021 marketing season

27 February, 2021 11:48 AM IST By: Abhijeet Banerjee

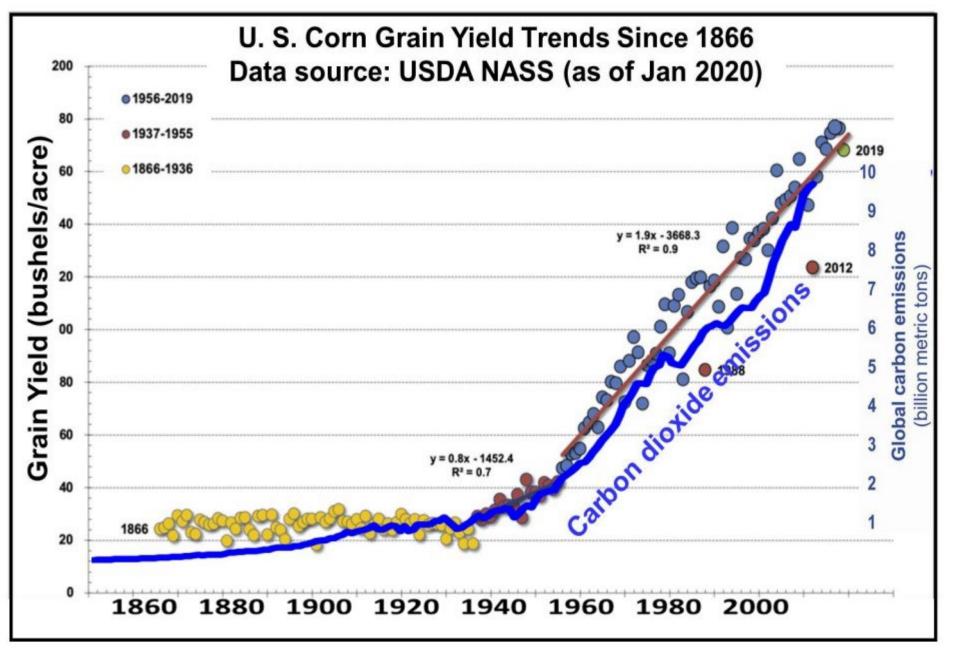




Planting

India's second advance estimates of production of major crops for the 2020 21 marketing season clearly indicate a record production of 303.34 million tonnes of food grains.

# CO<sub>2</sub> and Agriculture Outputs



ARTICLE

DOI: 10.1038/s41467-017-00114-5 OPEN

Recent increases in terrestrial carbon uptake at little cost to the water cycle

Lei Cheng<sup>1</sup>, Lu Zhang<sup>1</sup>, Ying-Ping Wang<sup>2</sup>, Josep G. Canadell<sup>3</sup>, Francis H.S. Chiew<sup>1</sup>, Jason Beringer<sup>4</sup>, Longhui Li<sup>5</sup>, Diego G. Miralles <sup>6</sup>, Shilong Piao<sup>7,8,9</sup> & Yongqiang Zhang<sup>1</sup>



Tropical rainforests are among the biggest contributors to the global greening boom. AAP Image/Dave Hunt.

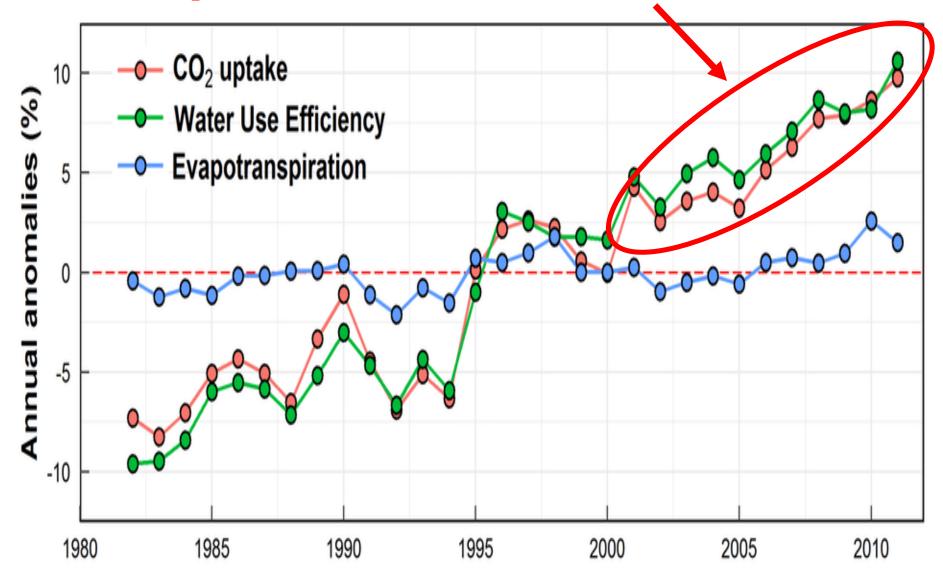
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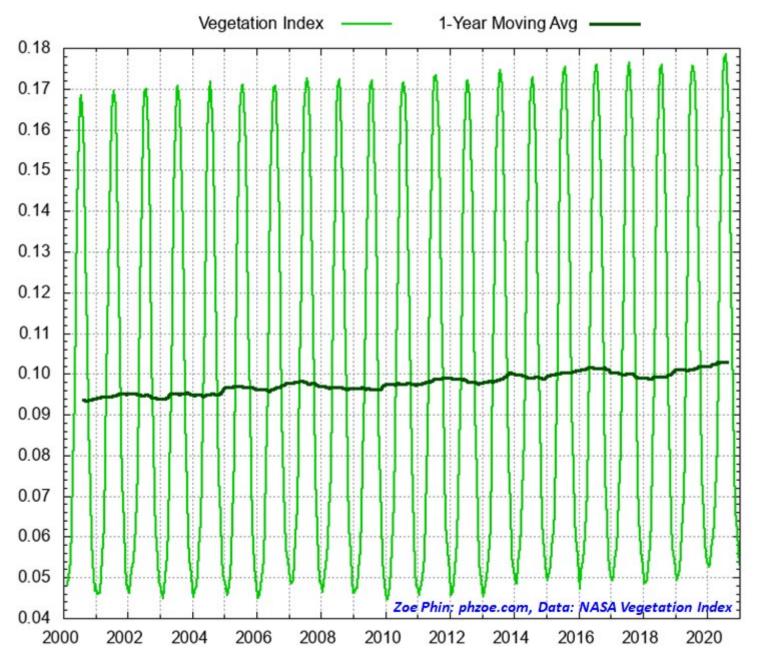
290

1.8k

Land plants are absorbing 17% more carbon dioxide from the atmosphere now than 30 years ago, our <u>research published today</u> shows. Equally extraordinarily, our study also shows that the vegetation is hardly using any extra water to do it, suggesting that global change is causing the world's plants to grow in a more water-efficient way.

More CO<sub>2</sub> sucked up by the biosphere and better water use efficiency







#### Simple questions: How much CO<sub>2</sub> or world temperature will the 2 trillion dollars ("Green New Deal") lower? Why are we doing this?



John Kennedy Mocks "Green New Deal" Spending Proposals During Senate Hearing 101,490 views • Apr 20, 2021



Senator John Kennedy Questions EPA Administrator Michael Regan, April 20, 2021

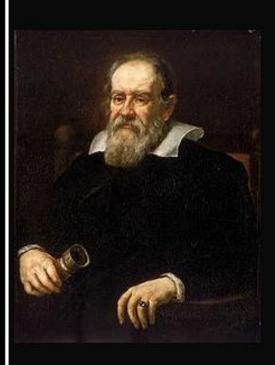
129 views · Apr 21, 2021



# Carbon Dioxide, CO<sub>2</sub>, is merely a bit player in climate change.

# The CO<sub>2</sub> climate-control knob is simply an illusion.

# What happens when you have lost all sense of arguments on science and the scientific methods: Attack the messengers?

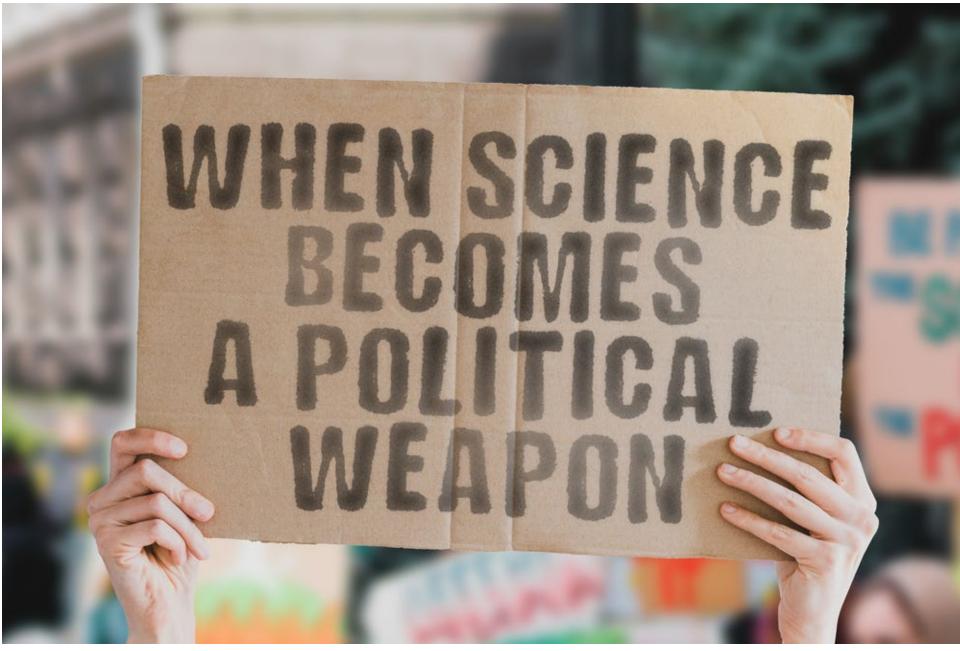


# By denying scientific principles, one may maintain any paradox.

(Galileo Galilei)

IzQuotes

### Science becomes a political weapon



https://victorhanson.com/conspiracies-as-realities-realities-as-conspriacies/

### **Arrest Willie Soon?**

CAROLYN B. MALONEY, NEW YORK CHAIRWOMAN ONE HUNDRED SEVENTEENTH CONGRESS

### Congress of the United States

#### House of Representatives

COMMITTEE ON OVERSIGHT AND REFORM 2157 RAYBURN HOUSE OFFICE BUILDING

WASHINGTON, DC 20515-6143

Majoreny (202) 225-6051 Mexoreny (202) 225-6074 https://oversight.house.gov

September 16, 2021

Mr. Mike Sommers President American Petroleum Institute 200 Massachusetts Avenue, N.W., Suite 1100 Washington, D.C. 20001

Fossil fuel industry actors reportedly paid over \$1.2 million to Dr. Willie Soon, an aerospace engineer with no climate science training. According to media reports, Dr. Soon described his climate-science-denying papers and testimony before Congress as "deliverables" to his corporate donors.<sup>15</sup> Fossil fuel interests amplified his studies in media stories, publications, and talking points.<sup>16</sup>



Carolyn B. Maloney Chairwoman Committee on Oversight and Reform

Enclosure

cc: The Honorable James Comer, Ranking Member Committee on Oversight and Reform

> The Honorable Ralph Norman, Ranking Member Subcommittee on Environment

Ro Khanna Chairman Subcommittee on Environment



JAMES COMER, KENTUCKY BANKING MINORITY MEMBER



FIRE WILLIE SOON

Protest in DC June 15, 2015 (E&E news; Gayathri Vaidymathan)

KICK KOCH

Climate Chande

Ciente inth

TDOWN

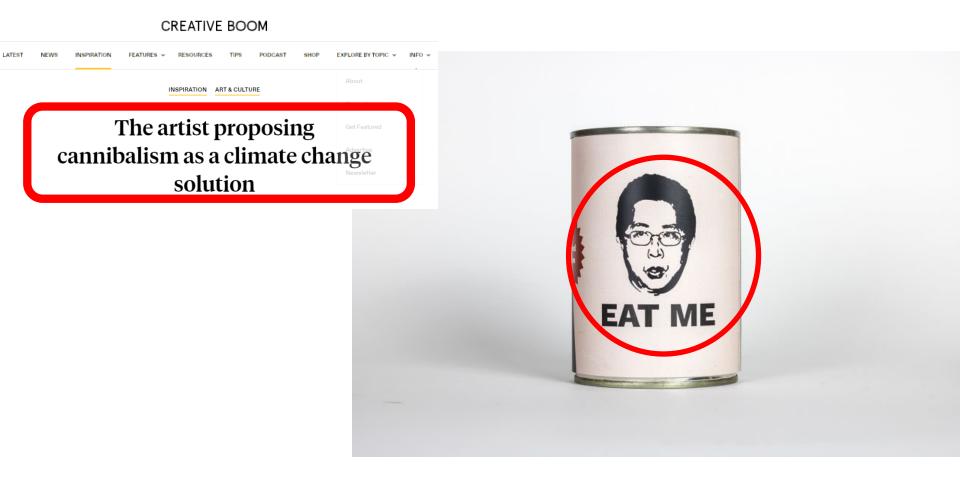
18

22

### Someone is proposing to Eat Willie Soon: Cannibalism as a solution to climate change



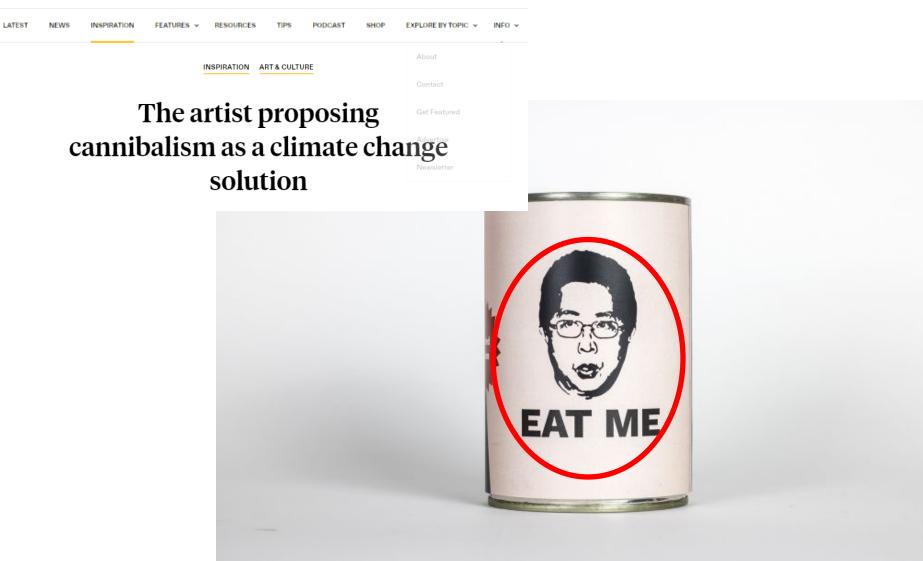
### Someone is proposing to Eat Willie Soon: Cannibalism as a solution to climate change



https://www.creativeboom.com/inspiration/the-artist-proposing-cannibalism-as-a-climate-change-solution/

### Someone is proposing to Eat Willie Soon: Cannibalism as a solution to climate change

#### CREATIVE BOOM



https://www.creativeboom.com/inspiration/the-artist-proposing-cannibalism-as-a-climate-change-solution/

### The residential palace of Willie Soon (in a secret location)





### My Guest Room (2021)

Mann said Nov. 2, 2021's Election of Governor Youngkin in Virginia is like Jan. 30, 1933 when Hitler became Chancellor of Germany



Prof Michael E. Mann 🕗 @MichaelEMann · 23m

those who fail to study history ...

encyclopedia.ushmm.org/content/en/art...



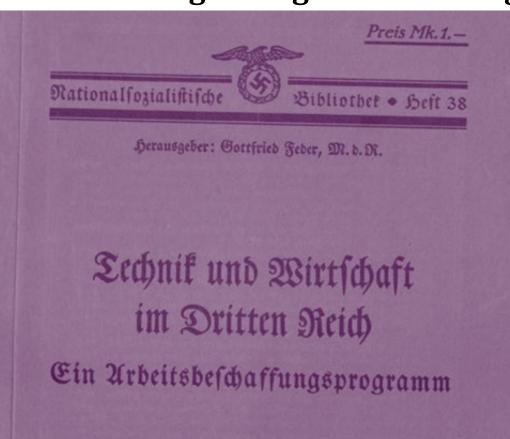
### HOLOCAUST ENCYCLOPEDIA

On January 30, 1933, President Hindenburg appointed Adolf Hitler chancellor of Germany. Hitler was not appointed chancellor as the result of an electoral victory with a popular mandate, but instead as the result of a constitutionally guestionable deal among a small group of conservative German politicians who had given up on parliamentary rule. They hoped to use Hitler's popularity with the masses to ...

~~ 

https://twitter.com/MichaelEMann/status/1456006026273099779?s=20

### The Nazi origins of global warming and renewable energy



Von

Dr.=Ing. Franz Lawaczed

### Page 47:

Hydro and wind power can provide up to 80 % of energy. The renewable energy is flowing and free.

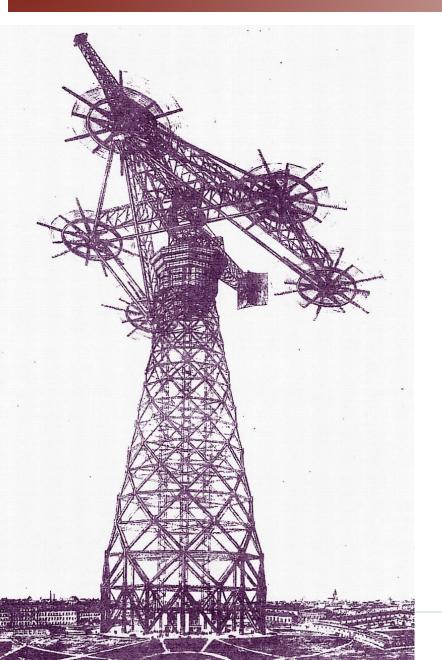
### Page 60:

Our mission is to build the new hydro and wind power plants independent of the electrical grid, so they produce valuable storable energy in the form of hydrogen gas. Hydrogen can easily be stored and transported in pipelines.

Cover of *Technology and Economy in Third Reich - a program for work* by Franz Lawaszeck, published in 1933

157

### Stop The Climate Stupidity (Courtesy David Archibald, July 7, 2022)



Design of a Nazi windmill 400 metres high producing 20 MW

This would have taken 25,000 tonnes of steel to make, approaching the amount used in the *Scharnhorst*. So wiser heads prevailed and the Nazi renewables push petered out by 1936.

Decorating the countryside with wind turbines is very much a Nazi concept.

### Nazi global warming science

Hermann Flohn, born in 1912, received his doctorate in 1934 and began work for the German Meteorological Service. In 1941 he published the first German language article on global warming, the title of which translates as *The activity of man as a climate factor*. Also in that year he became the chief meteorologist for the Luftwaffe High Command, providing advice for Operation Barbarossa. Herr Flohn survived the war and was still publishing alarmist papers on global warming 40 years later, for example this paper from the journal *Umschau* in 1980:

### Hermann Flohn:

CO2-induzierte Warmzeit gefährlicher als Kernenergie

Translates as *Co2-induced warmth more dangerous than nuclear energy*.

### Promoting global warming hysteria – things that Nazis do.

# AFRICAN AMERICAN OPPRESSED NATIVE AMERICAN COMPETENT HERO SCIENTIST MOSTLY EXPERT WO M

### **Remodeling My Guest Room (2022)**

## Willie Soon's home toilet (2022 upgrade)



Imaginechina/REX

### Oh no worry about split pants: re-useable toilet roll clothe!

MAY 24, 2021 // 🔎 10 comments »

## PEOPLE ARE DITCHING TOILET PAPER AND GETTING REUSABLE CLOTH ROLLS

DISCLAIMER: This post may contain affiliate links.



I love helping the environment and looking for things to make the world better, but this is something I am generally concerned about. I just don't know if I can get on board with reusable toilet cloth rolls.





https://kitchenfunwithmy3sons.com/people-are-ditching-toilet-paper-and-getting-reusable-cloth-rolls/

# The Weaponization of Science: Politics, Vilification, and the Climate Debate

DR. WILLIE SOON

HILLSDALE COLLEGE IN D.C. April 11, 2022 | 6:30 p.m.

# Take-away Messages

# SCIENTISTS SAY THE UNIVERSE IS MADE UP OF PROTONS, NEUTRONS, AND ELECTRONS. THEY FORGOT TO MENTION MORONS.

*"It is time to face a hard truth: the seventy-year"* experiment to federalize the sciences has been a failure. The task now is to prevent the Big Science cartel from further dehumanizing society and delegitimizing science. There is a second hard truth: the necessary reforms will not come from within. Rather, it will be the people and their representatives that will have to impose them. To restore science to its rightful and valuable place, break up the Big Science cartel."



(J. Scott Turner, Professor of Biology (emeritus), SUNY College of Environmental Science and Forestry, December 10, 2021)

### What should be done to get science back on track?

- 1. Scientists should be encouraging scientific inquiry, not "scientific consensus". The UN IPCC reports have ended up as a major contributor to this problem.
- 2. We need a proper discussion on how science should be funded. This current model of only funding *"the effects of global warming on the nut-gathering of squirrels"* is shutting down genuine scientific research. We are trying a new approach at <u>CERES-Science.com</u>.
- 3. We should recognize that "fact-checkers" are really just "narrative-checkers".
- 4. Journalists and editors used to do their own fact-checking when they did "balanced reporting". Maybe it's time for journalists to return to doing traditional journalism?
- 5. Big technology platforms like Google, Facebook and Wikipedia seem to have lost their way. They are increasingly limiting public information access to narrative-approved "facts", rather than allowing free discussion & research.



Donate

### Center for Environmental Research and Earth Sciences (CERES)

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Learn more about the CERES team

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Links to our peer-reviewed research (2018 - present) Support Us Help us in our independent scientific research

### **Latest News**

### Help support us at <u>www.SupportCERES.com</u>



### Our research output so far

- 2 peer-reviewed papers in 2019; 4 in 2020; 4 in 2021; and already two published this year with several more under peer-review
- In the IPCC's latest report (AR6), they cited the first of CERES' papers, but they are still playing catch-up with our post-2019 work since their AR7 report is not due for another 5-6 years.
- Our topics covered include: solar physics, snow cover, wildfires, atmospheric physics, the causes of climate change, the global temperature datasets, energy policies, and more.
- We actively collaborate with scientists from around the world more than 20 different countries and dozens of scientific institutions

### Help support us at <u>www.SupportCERES.com</u>

### The importance and strength of fully independent science: Center for Environmental Research and Earth Sciences (CERES)

- 1) We set our own scientific research agendas and priorities
- 2) We actually "follow the science" instead of following the money
- 3) We emphasize real-world observations and data
- 4) We "steelman" all our results and discussion in order to reach the highest possible level of objectivity and transparency (we often seek out those that disagree with our results for comments or even direct collaboration and co-authorship in the sense of adversarial collaborative research)
- 5) We welcome donations from everyone including Greenpeace if they value independent science as we do

### Help support us at <u>www.SupportCERES.com</u>



Predictions of No More Glaciers in the Glacier National Park by 2020

Then 2020.

# NATIONAL GEOGRAPHIC NEWS No More Glaciers in Glacier National Park by 2020?

Anne Minard National Geographic News March 2, 2009

No More Glaciers in Glacier National Park by 2020?

https://realclimatescience.com/2021/05/changes-at-the-grinnell-glacier-since-1994/

No Change in the size of Grinnell Glaciers between 1994 and 2020?



https://realclimatescience.com/2021/05/changes-at-the-grinnell-glacier-since-1994/

Predictions of No More Glaciers in the Glacier National Park by 1948

Experts predicted the park would be ice free by 1948.

Medford Mail Tribune (Medford, Oregon) • 29 Dec 1923, Sat **Glacier Park Melting** at a Rapid Rate in Scientist's Opinion CINCINNATI, Dec. 29 .- (By the Associated Press)-The hot dry seasons of the past few years have caused rapid disintegration of glaciers in Glacier National park, Montana, professor W. G: Waterman of Northwestern university declared in an address today before the Geological section of the American Association for the Advancement of Science. Sperry Glacier, studied by Profestor Waterman, has lost one-quarter, or perhaps one-third of its ice in the past 18 years, he said. If this rapid retreat should continue, the professor added, the glacier would almost disappear in another 25 years, but he expressed the opinion that the long

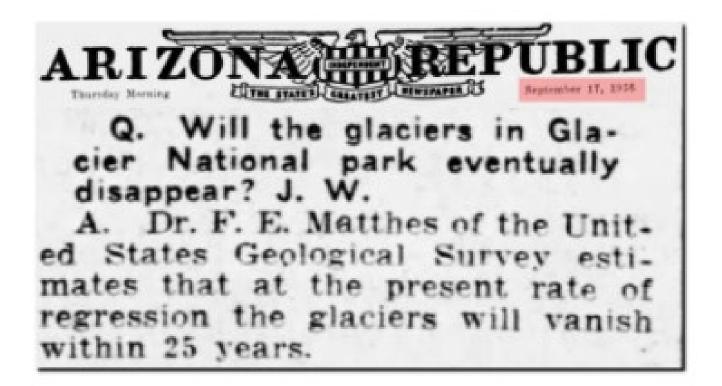
dry seasons of the past few years is over with probabilities of a lessening

https://realclimatescience.com/2021/05/changes-at-the-grinnell-glacier-since-1994/

in the retreat.

Predictions of No More Glaciers in the Glacier National Park by 1961

That prediction failed, so they changed the date to 1961.



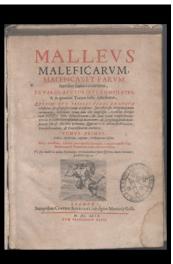
<u>17 Sep 1936, Page 16 – Arizona Republic at Newspapers.com</u>

https://realclimatescience.com/2021/05/changes-at-the-grinnell-glacier-since-1994/

### Climate change (cold months) fueled witch hunts: Then and now



Inquisitor Heinrich Kramer: Malleus Maleficarum (1487) "The Witches' Hammer"

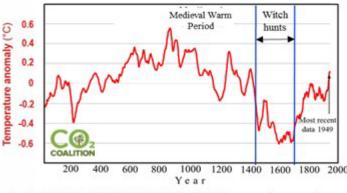


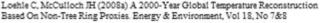
Large systematic witch hunts began in the 1430s and were advanced later in the century by an Alsatian Dominican friar and papal Inquisitor named Heinrich Kramer. At Kramer's urging, Pope Innocence VIII issued an encyclical enshrining the persecution and eradication of weather-changing witches through this papal edict. The worst of the Inquisition's abuses and later systemic witch hunts were, in part, empowered by this decree.

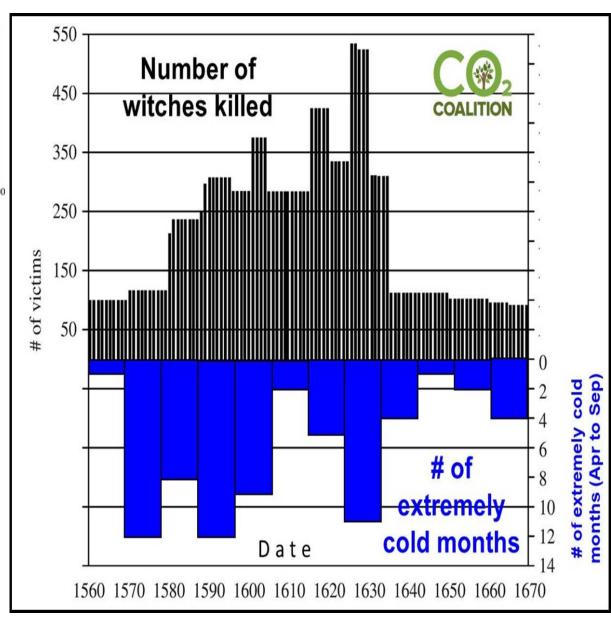
https://co2coalition.org/2021/10/29/climate-change-fueled-witch-hunts-then-and-now/

### Climate change (cold months) fueled witch hunts: Then and now

Witch hunts were fueled by climate change

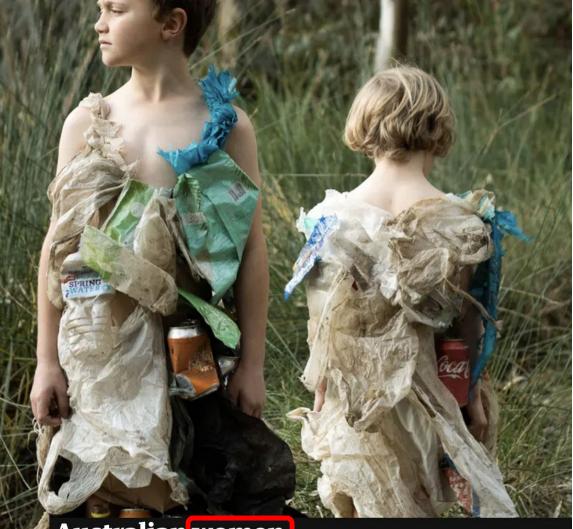






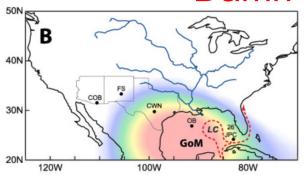
https://co2coalition.org/2021/10/29/climate-change-fueled-witch-hunts-then-and-now/

### But these two are just children not women?

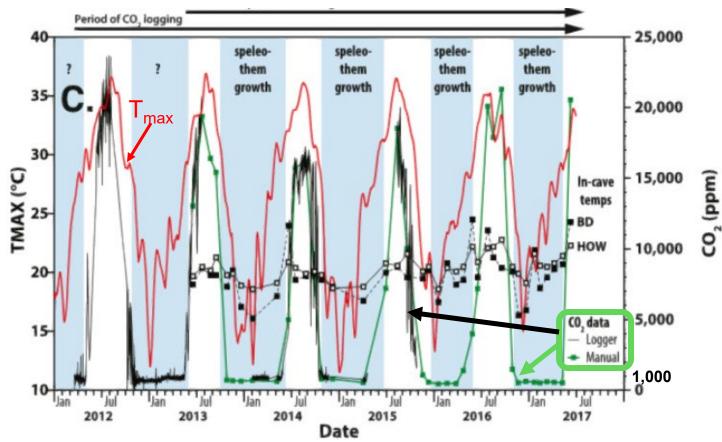


by **Daisy Noyes**. bish, litter and desres from chotograph them he materials t is an attempt to of coloniserruction, and Australian women document climate crisis in visual petition - in pictures

### Damn those killer caves (in Texas)



Comparison of cave  $CO_2$  levels and daily maximum temperatures (red curve). Cave  $CO_2$  concentrations exhibit strong seasonal fluctuations, increasing from low levels (~1000 ppm) during cool season months to levels above 20,000 during warm season months. The rise in in-cave  $CO_2$  levels lags seasonal temperature increases by several months, whereas cave ventilation to low  $CO_2$  values closely corresponds with seasonal temperature decline.



Nathan Miller et al., Quaternary Science Review, vol. 273, #107244 (December 15, 2021)

## Damn those killer bees

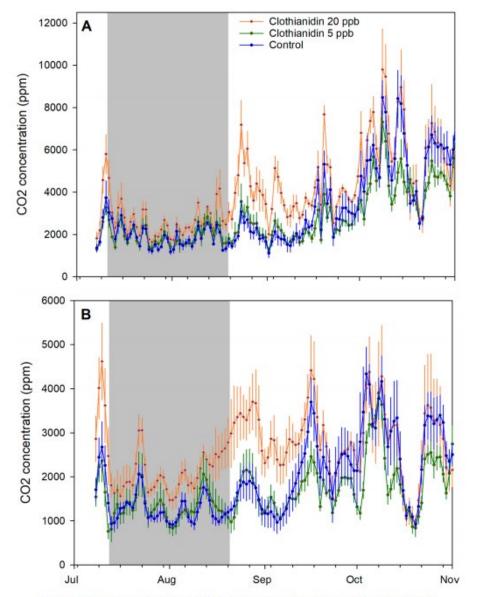


Figure 9. Running average CO<sub>2</sub> concentrations, and daily amplitudes of sine curves fit to within-day CO<sub>2</sub> concentration changes per day (see text for details), for each of 3 treatment groups: Clothianidin 20-ppb (orange), clothianidin 5-ppb (green), and control (blue) for the AZ 2018 experiment. The gray area shows the treatment period. (A) 24 h running average; (B) daily amplitudes.

# Damn those killer bees

Hive  $CO_2$  concentration was monitored in AZ 2018 as an indicator of colony-level organization. Hive  $CO_2$  concentrations are generally higher and more variable compared to ambient conditions; in Arizona hive  $CO_2$  concentrations averaged > 3700 ppm across all hives while ambient values averaged 409 ppm, and concentrations varied on average > 1900 ppm (often > 5000 ppm) while ambient values varied about 49 ppm. Managing

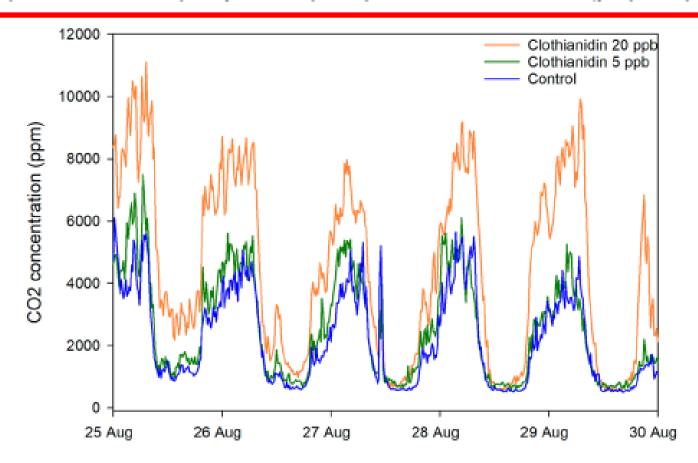


Figure 8. Average CO<sub>2</sub> concentrations per treatment group for 5 days immediately after the end of treatment for each of 3 groups: Clothianidin 20-ppb (orange), clothianidin 5-ppb (green), and control (blue) for the AZ 2018 experiment.