

# Global Warming/Climate Change: Some Critical Reflections

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National Technical University of Athens  
18 June 2024



SCARY STUFF !

Here's some more...

# EVERYTHING is CAUSED by **GLOBAL WARMING** (alias “CLIMATE CHANGE”)!

Links to Media Stories

[bubonic plague](#), [budget increases](#), [Buddhist temple threatened](#), [building collapse](#), [building season extension](#), [bushfires](#), [business opportunities](#), [business risks](#), [butterflies move north](#), [cancer deaths in England](#), [cardiac arrest](#), [caterpillar biomass shift](#), [challenges and opportunities](#), [childhood insomnia](#), [Cholera](#), [circumcision in decline](#), [cirrus disappearance](#), [civil unrest](#), [cloud increase](#), [cloud stripping](#), [cockroach migration](#), [cod go south](#), [cold climate creatures survive](#), [cold spells \(Australia\)](#), [computer models](#), [conferences](#), [coral bleaching](#), [coral reefs dying](#), [coral reefs grow](#), [coral reefs shrink](#), [cold spells](#), [cost of trillions](#), [cougar attacks](#), [cremation to end](#), [crime increase](#), [crocodile sex](#), [crumbling roads, buildings and sewage systems](#), [cyclones \(Australia\)](#), [damages equivalent to \\$200 billion](#), [Darfur](#), [Dartford Warbler plague](#), [death rate increase \(US\)](#), [Dengue hemorrhagic fever](#), [dermatitis](#), [desert advance](#), [desert life threatened](#), [desert retreat](#), [destruction of the environment](#), [diarrhoea](#), [disappearance of coastal cities](#), [diseases move north](#), [Dolomites collapse](#), [drought](#), [drowning people](#), [ducks and geese decline](#), [dust bowl in the corn belt](#), [early marriages](#), [early spring](#), [earlier pollen season](#), **EARTH** [Earth biodiversity crisis](#), [Earth dying](#), [Earth even hotter](#), [Earth light dimming](#), [Earth lopsided](#), [Earth melting](#), [Earth morbid fever](#), [Earth on fast track](#), [Earth past point of no return](#), [Earth slowing down](#), [Earth spinning out of control](#), [Earth spins faster](#), [Earth to explode](#), [earth upside down](#), [Earth wobbling](#), [earthquakes](#), [erosion](#), [emerging infections](#), [encephalitis](#), [equality threatened](#), [Europe simultaneously baking and freezing](#), [evolution accelerating](#), [expansion of university climate groups](#), **EXTINCTIONS** ([human](#), [civilisation](#), [logic](#), [Inuit](#), [smallest butterfly](#), [cod](#), [ladybirds](#), [bats](#), [pandas](#), [pikas](#), [polar bears](#), [pigmy possums](#), [gorillas](#), [koalas](#), [walrus](#), [whales](#), [frogs](#), [toads](#), [turtles](#), [orang-utan](#), [elephants](#), [tigers](#), [plants](#), [salmon](#), [trout](#), [wild flowers](#), [woodlice](#), [penguins](#), [a million species](#), [half of all animal and plant species](#), [not polar bears](#), [barrier reef](#), [leaches](#)),

**That's about 125 out of over 600...**

**NOTE**

Dr. John Brignell, a British engineering professor, [book](#) titled *Sorry Wrong Number, The Abuse of Measurement*

[http://www.americanthinker.com/blog/2007/11/everything\\_is\\_caused\\_by\\_global.html](http://www.americanthinker.com/blog/2007/11/everything_is_caused_by_global.html)

# CO2 Policy

## Unintended Consequences?

### UN Says ...

- ▶ Cut CO2 emissions 80% by 2050
- ▶ U.S. Reductions [transition to “renewables”]:

	1990	2050	CO2 Reduction
CO2 Emissions	5,018 MMT	1,000 MMT	80 %
Population	249 Million	420 Million	
Per Capita Emissions	20.2 Tons	2.4 Tons	88%

### POTENTIAL CONSEQUENCES for PEOPLE?

- **Higher cost of electricity** for heating, lighting, and cooking?
- **More deaths from temperature extremes** (restrictions on AC and heating)?
- **Higher cost of food and of fuel** for travel (to work, to the store, to vacation)?
- **Rationing** (electricity made not available for certain hours each day)?
- **Brownouts and Blackouts** (recall the Halloween snow storm of 2011)?

**Renewables are Unsustainable!**

(annotated with added comments; L.I.G.)

Donn Dears, “Carbon Folly”, IPCC7

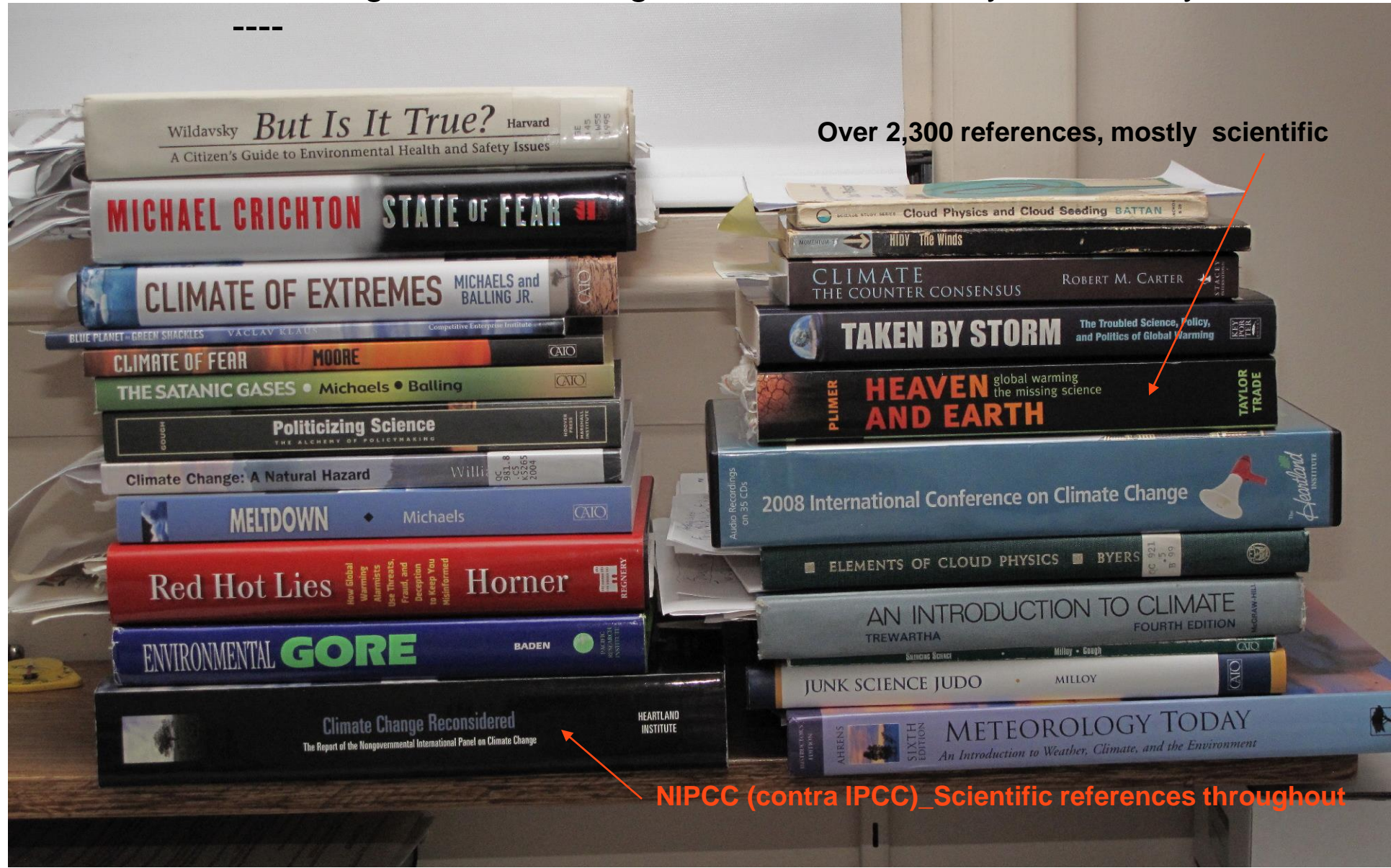
# Terror!!

- The “scientists say” the world has been diagnosed to have dangerous global warming caused by humans
- Terrifying! What could be done? ...



## READ WIDELY and THINK BROADLY

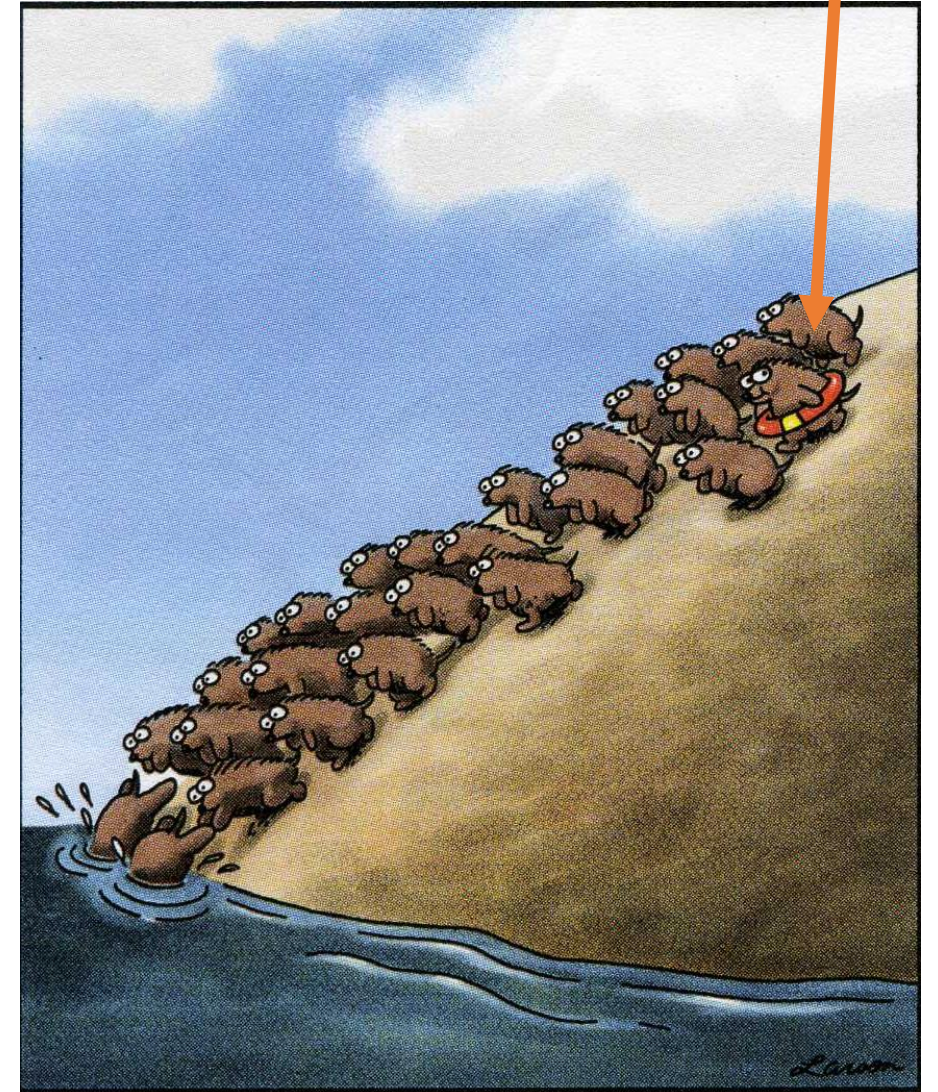
Here is a tiny sampling of Items Critical of “Global Warming/Climate Change” alarmism from my own library





The Lemming as an independent thinker!

The mental effect of the '97% consensus' myth spans politics  
[Anthony Watts](#) / [April 29, 2013](#)





# My Qualifications and Background.

- **Some of my qualifications**

- Studying and researching (including some with students) the issue of “Global Warming/Climate Change” (AGW) for about 15 years
- 70+ talks on the subject to different audiences (both in the US and overseas)
- Interviews (radio and television)
- Debates (TV, Real Art Ways following film “Chasing Ice”)
- Writings (in handouts): include an article in the (peer-reviewed) journal *Energy and Environment*; also Co-Editor of NES-APS Newsletter for 5 years (AGW views; pro and con AGW)
- Created and taught three UofH (FYS100) freshman seminar courses on AGW (2009, 2014, and 2017)
- Chair of the New England section of the American Physical Society (2004) when we had a meeting at Pratt and Whitney where both sides of the AGW debate were presented
- Amicus Curiae (“friend of the court”; one of three) for US Supreme Court case where our side successfully defended a power company against the state of Connecticut [later slide]
- I am a "skeptic", which normally means here, a "scientist". Instead of being a term of derision the word skeptic should be a mark of honor. Any scientist is a skeptic. In so far as a person is not a skeptic that individual is not a scientist.
- What I'm **trying to do** in this presentation is to give you the **evidence** against AGW that you may not be aware of. AGW: Very serious issue in both public and science education.
- Current AGW teachings frequently amount to an **indoctrination** — can severely impair a person’s understanding of science and a student's ability to do science.

# “Climate Change/Global Warming”

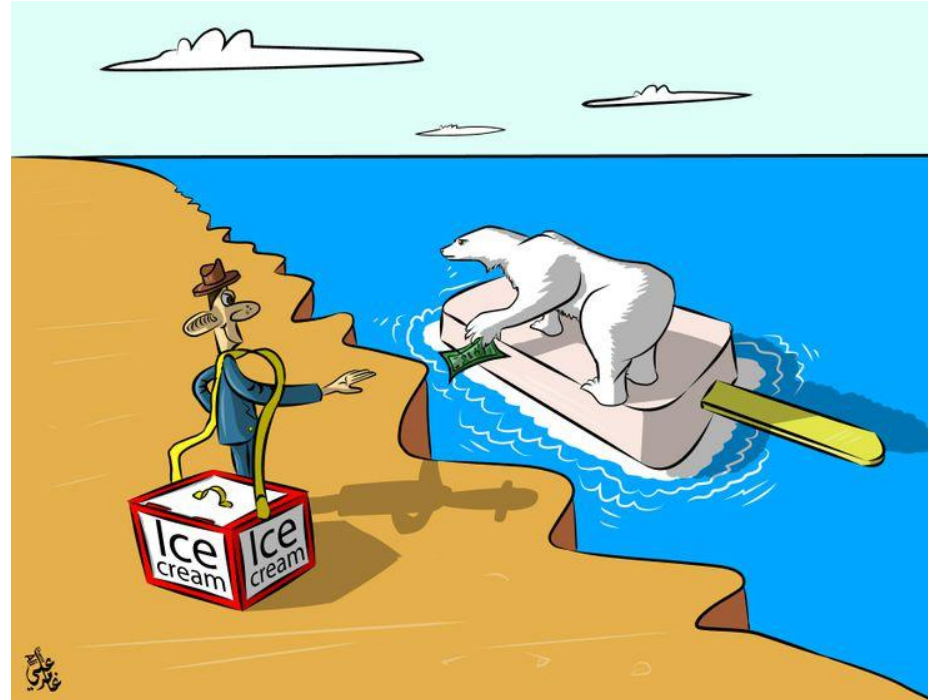
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Invited PRESENTATION  
Business Group\_Mystic, CT  
25 August 2019

**Challenges to Critical Thinking  
Off Campus.... and On**

Laurence I. (“Larry”) Gould

*Physics Department*

*University of Hartford*

?

- Background — How I got into this...
- Contentious issue where feelings run high. But...
- We are trying to give students (and others) some understanding and love of science.
- To do that we should imbue them with a love of the scientific method and encourage them to follow it

## Climate Alarm: Criticizing Claims, Contemplating Consequences

SOME of the COURSE TOPICS [classified as **Matters of METHOD** and **Matters of FACT** ]

Week 1 — **Your belief about AGW. Beliefs: Understanding their Origins**

Week 2 — **Thinking about “Thinking.” Fallacies used in Argumentation**

Week 3 — **What is “science” and “pseudoscience”?**

Week 4 — **AGW popularizations in film (end of “An Inconvenient Truth”)**

Week 5 — **AGW popularizations in film (end of “The Great Global Warming Swindle”)**

Week 6 — **Polar bears: Are they endangered?**

Week 7 — **Video Debate: “Global Warming is NOT a Crisis” — PRO and CON**

Week 8 — **The hazards and benefits of carbon dioxide**

Week 9 — **Taking the Earth’s “Temperature”: Methods and Reliabilities. Class demos**



THINKING ABOUT

MATTERS

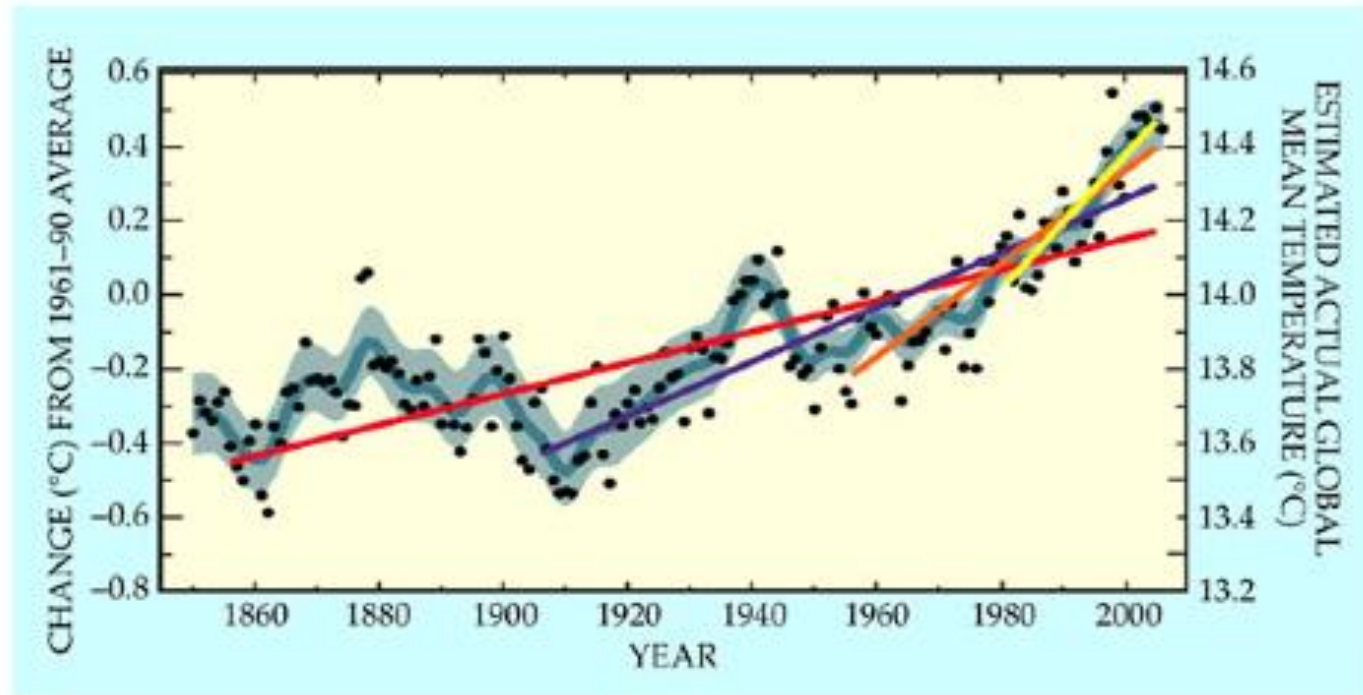
of

FACT

**“So I’ d like to emphasize the fact that we’ re at a stage where warming is taking place at a much faster rate. And, clearly, if we don’ t bring about some changes, we would have much faster changes in the future.”**

— R.K. Pachauri, Chairman of the Intergovernmental Panel on Climate Change (IPCC)

2008 Wallace Wurth Memorial Lecture; 23 October 2008; University of New South Wales (Sydney, Australia). Title: Our Vulnerable Earth: Climate Change, the IPCC and the role of Generation Green



**The IPCC's fourth assessment report** contains details of the global mean observed temperatures (black dots) along with simple fits to the data based on the last 25 (yellow), 50 (orange), 100 (purple) and 150 years (red). The left axis shows anomalies relative to the 1961 to 1990 average and the right axis shows the estimated actual temperature.

Credit: IPCC

**Issues and Events Climate changes for peace prize winners** The award of the 2007 Nobel Peace Prize delighted scientists and the public but underscored the US government's lack of action to reduce global warming. *Physics Today* December 2007, page 22

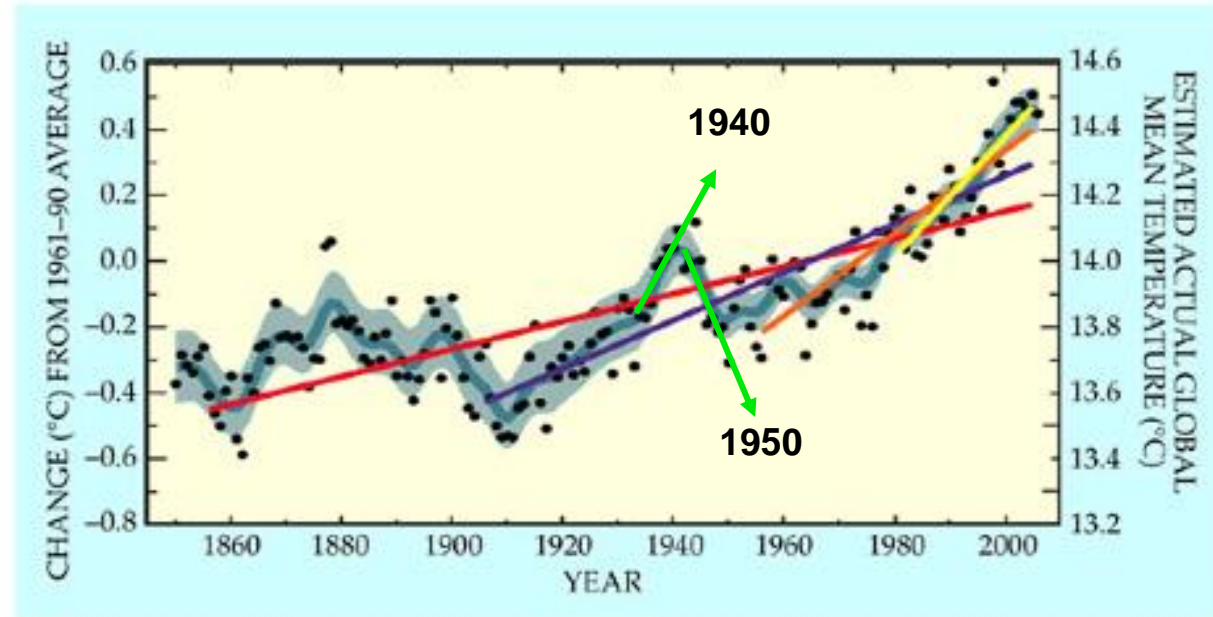
WHAT IF YOU LIVED IN 1940?

GLOBAL WARMING?!

WHAT IF YOU LIVED IN 1950?

GLOBAL COOLING?!

NOTE  
the  
Vertical  
Scale



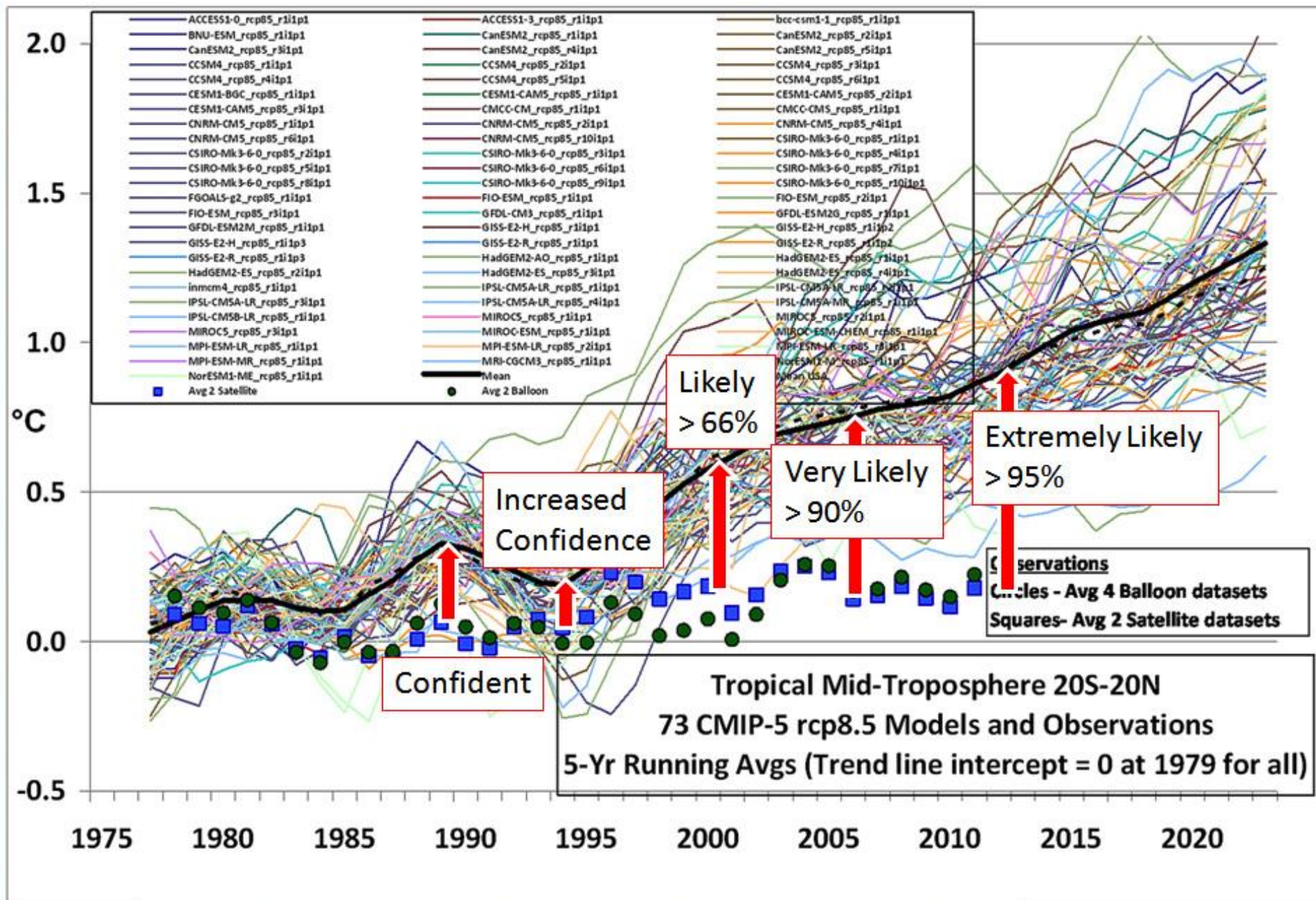
The IPCC's fourth assessment report contains details of the global mean observed temperatures (black dots) along with simple fits to the data based on the last 25 (yellow), 50 (orange), 100 (purple) and 150 years (red). The left axis shows anomalies relative to the 1961 to 1990 average and the right axis shows the estimated actual temperature.

Credit: IPCC

Pick your points!

Regarding “climate change” --- CO<sub>2</sub> is a minor player. Water vapor & Clouds are, by comparison, a major player.

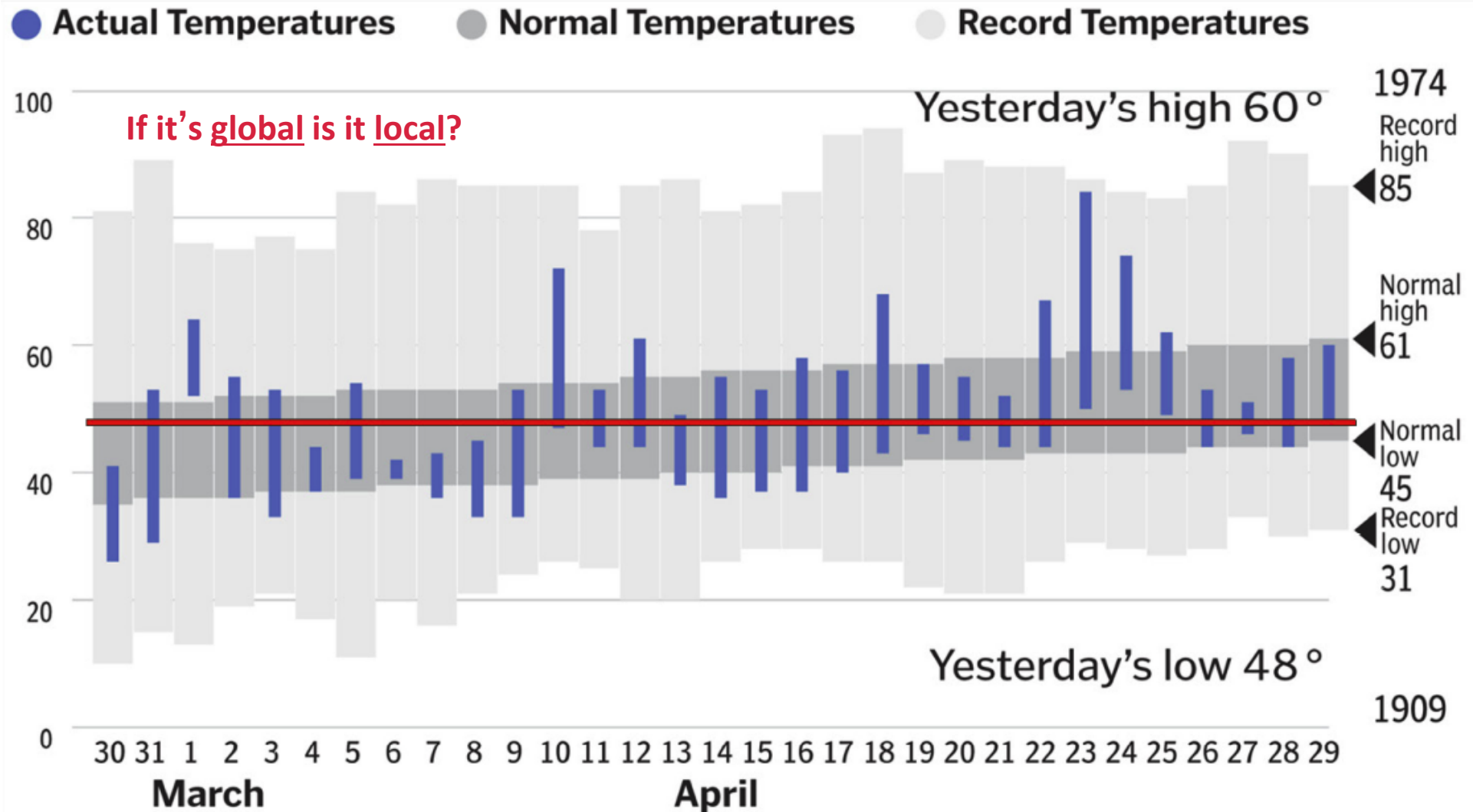




YALE U  
Physics  
Colloquium  
2016

What the  
Director of  
GISS  
**omitted**  
in his talk!

April 30, 2008

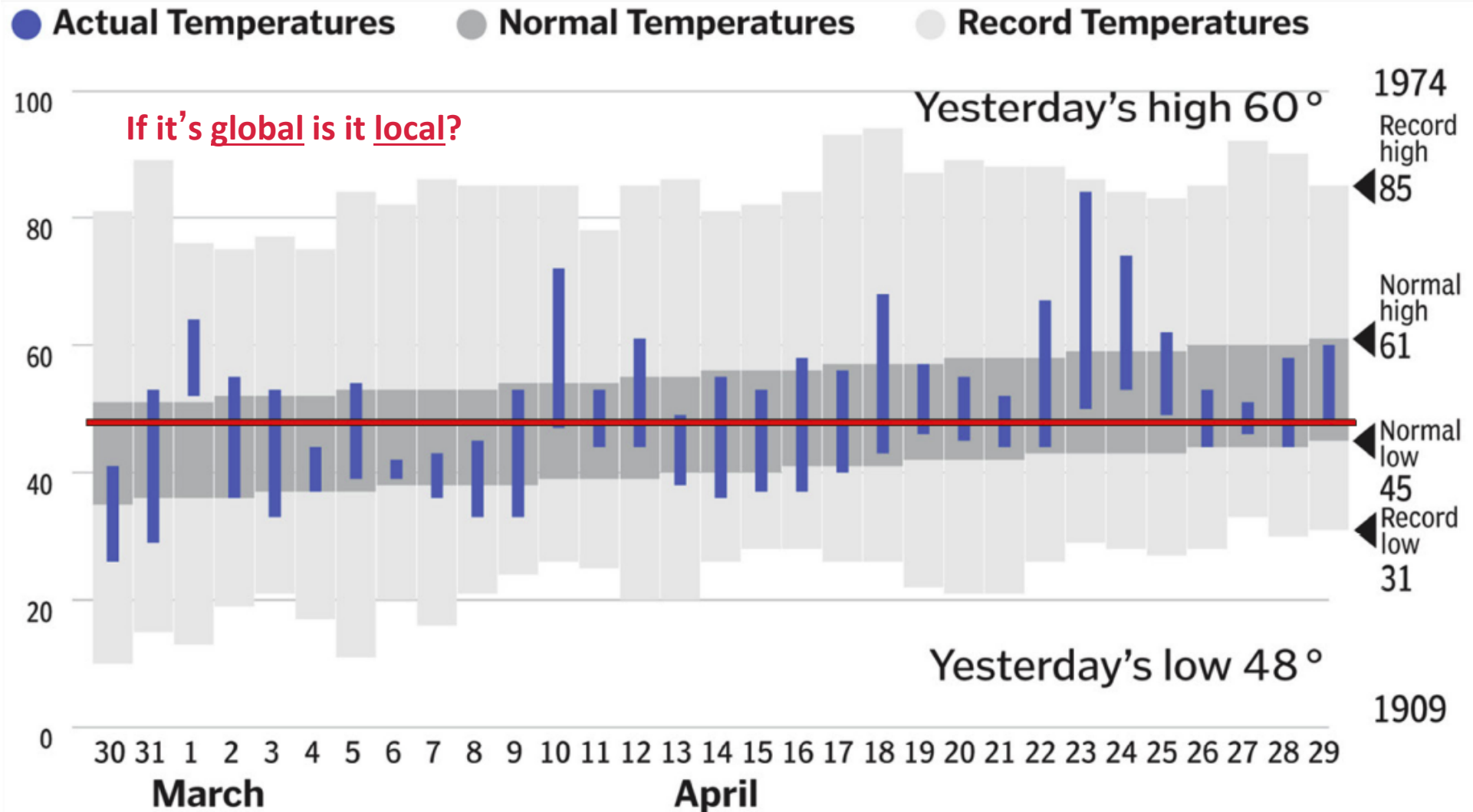


One month's record of high and low temperatures for Boston.



April 30, 2008

The thickness of the red line represents the range of global mean temperature anomaly over the past century.



One month's record of high and low temperatures for Boston.

1. **Reduction of Mean Global Temperature if all Kyoto signatories had reduced emissions?**

**0.07 degrees Centigrade !!!**

**U.S. SUPREME COURT AMICI BRIEF  
SUBMITTED BY SOUTHEASTERN LEGAL FOUNDATION**

2. **American Electric Power Company, Inc., et al. v. State of Connecticut, et al. (No. 10-174) ---- Argument (4/19//2011) Opinion (8-0, 6/20/2011)**  
*Amici Curiae* (Gould, Michaels, McKittrick)

[https://www.americanbar.org/content/dam/aba/publishing/previewbriefs/10\\_174\\_brief\\_updates/10-174\\_PetitionerAmCuLegalFoundation.pdf](https://www.americanbar.org/content/dam/aba/publishing/previewbriefs/10_174_brief_updates/10-174_PetitionerAmCuLegalFoundation.pdf)

The defendant power companies' carbon emissions make such a **de minimis** contribution to the global temperature that they cannot possibly be traced or redressed as required by definitive case law. From the SLF brief:

**“The ‘relief’ plaintiffs seek would accomplish a temperature reduction of 0.00071 degrees Celsius, or 7.1 ten-thousandths of a degree, 70 times smaller than the smallest change that can be detected.” (p. 9)**

**“... the annual emissions reductions prayed for by plaintiffs in the first year would be replaced by growth in China alone in 13 days.” (p. 16)**

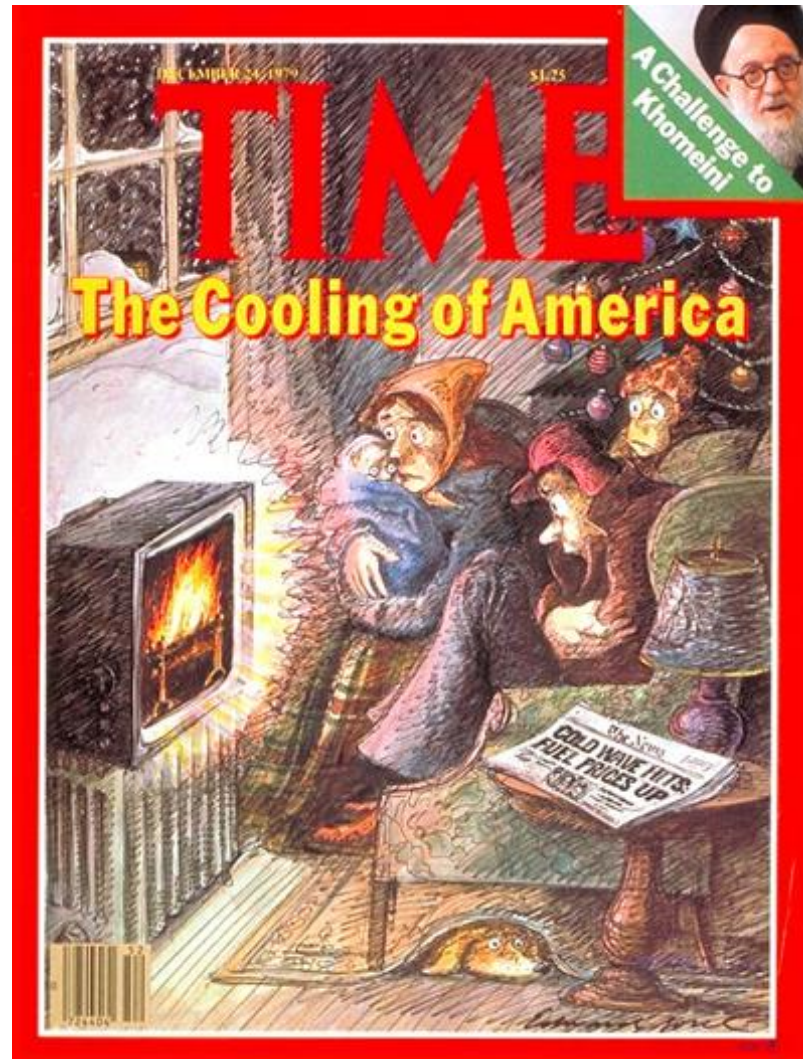
Though it is assumed by many that there is no meaningful scientific controversy surrounding human-caused global warming, the UN Intergovernmental Panel on Climate Change (IPCC) reports on which the plaintiffs rely plainly disclose substantial scientific uncertainty about multiple climate processes, raising serious doubts about the extent to which global warming can be attributed to human emissions. Therefore, the Court should proceed with caution about the plaintiffs' “every little bit counts” argument. [Ruling favorable: [http://www.epalawsuit.com/storage/SLF Amici US Supreme Court AEP 2-8-11.pdf](http://www.epalawsuit.com/storage/SLF%20Amici%20US%20Supreme%20Court%20AEP%202-8-11.pdf)[http://www.epalawsuit.com/storage/SLF Amici US Supreme Court AEP 2-8-11.pdf](http://www.epalawsuit.com/storage/SLF%20Amici%20US%20Supreme%20Court%20AEP%202-8-11.pdf)] <http://www.scotusblog.com/case-files/cases/american-electric-power-co-inc-v-connecticut-2/>

# QUESTION

Has the climate changed  
**before?**

WARM → COLD → WARM? → COLD?...

YES!



1979





# GLOBAL TEMPERATURES (2500 B.C. TO 2040 A.D.)

**MAJOR GLOBAL COOLING SINCE LATE 2007**  
A 0.9 Degree Fahrenheit drop in global temperatures from late 2007 to February 2009.

**MOUNT PINATUBO ERUPTION (Philippines)**  
1.1 Degree F. Rapid Cool Down (June 1991 to March 1992)  
Global Temperature Went From 0.6 Degrees Above Normal To 0.5 Degrees Below Normal.

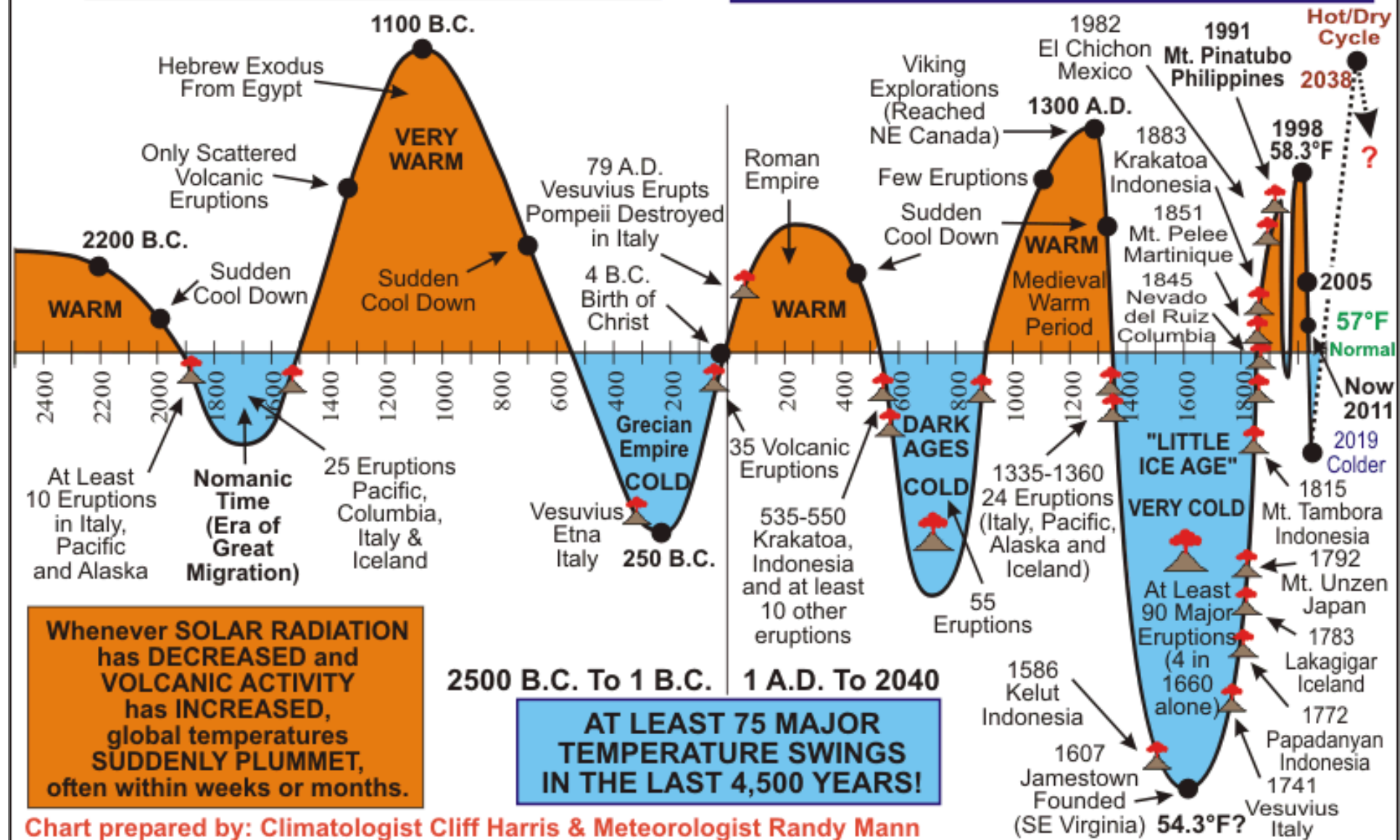
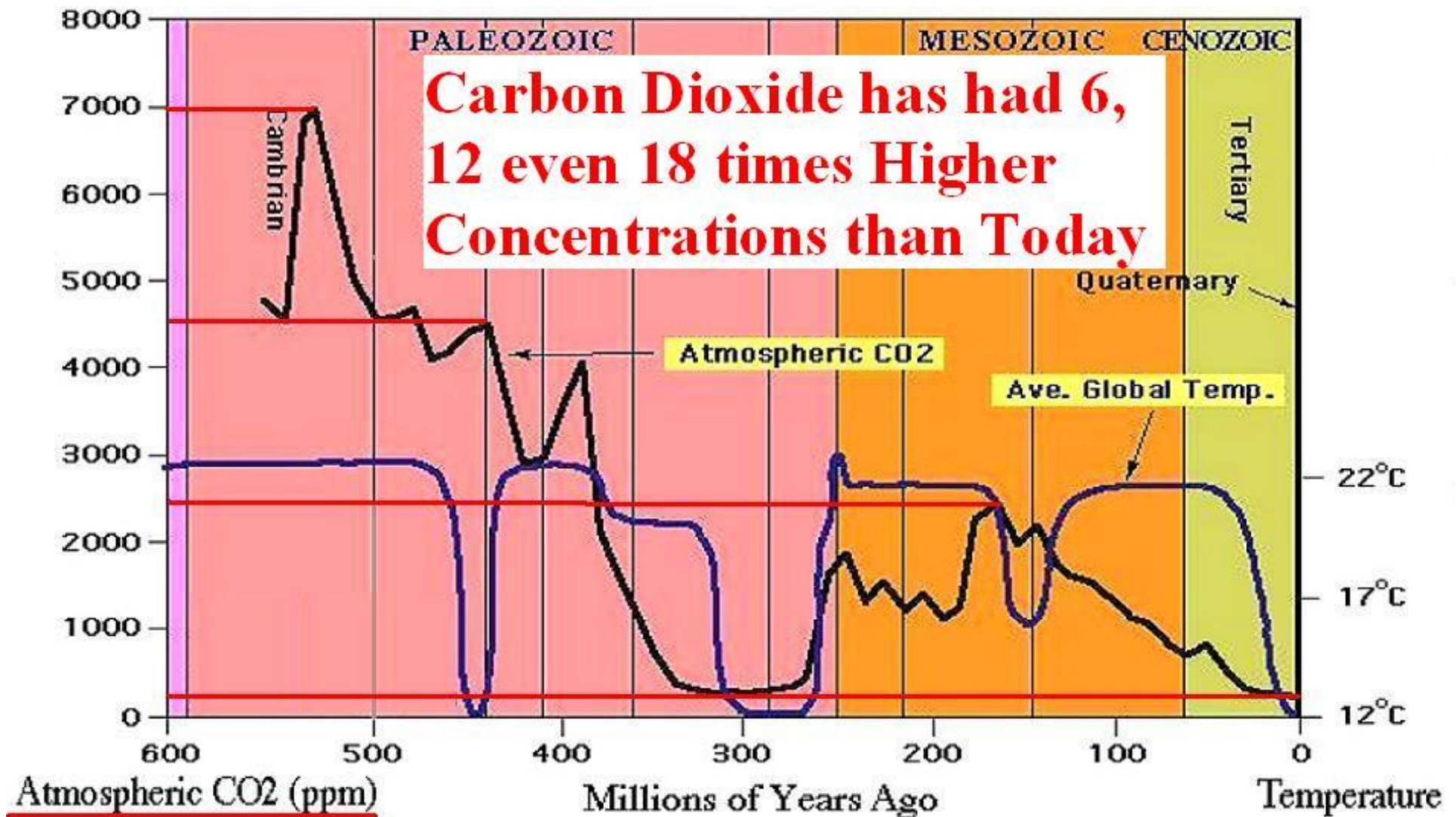


Chart prepared by: Climatologist Cliff Harris & Meteorologist Randy Mann



DOES  
CO<sub>2</sub>  
DRIVE  
TEMPERATURE?



See, e.g., Ian Plimer, *Heaven and Earth: Global Warming the Missing Science*\* (Taylor Trade Publishing, NY, 2009), p. 426 [Plimer is a geologist at the School of Earth and Environmental Sciences, The University of Adelaide, Australia]

Estimated values shown.

\* estimated at > 2,300 references, mostly scientific

# Smokestacks and CO<sub>2</sub>

**AIT:** The Earth's atmosphere is so thin that we have the capacity to dramatically alter the concentration of some of its basic molecular components. In particular, we have vastly increased the amount of carbon dioxide—the most important of the so-called greenhouse gases. (25)\*



**CO<sub>2</sub> and  
the  
Congressman  
and  
the  
Industrialist**

Color of CO<sub>2</sub>?  
Smell of CO<sub>2</sub>?

**Colorless!**  
**Odorless!**

Carbon Dioxide is... **Essential for Life!**

Current levels of CO<sub>2</sub> in the atmosphere are about 400 ppmv. (At ~150 ppmv, Plants Die)  
Humans breathe out about 10,000 ppmv.  
Lethal is about 20,000 ppmv. Should we stop having face-to-face conversations?!

By the way:  
**Sooty looking  
Stuff from the  
Smokestacks?**

\* Similar to a two-page spread (pp. 24 - 25 of a 328 page book) in "An Inconvenient Truth" (AIT) by Al Gore.



They are telling you that you should destroy CO<sub>2</sub>.

They are NOT telling you that  
CO<sub>2</sub> is what enables you to live...

Although one can imagine CO<sub>2</sub> is a “pollutant”,



***NO CO<sub>2</sub>***  
***NO FOOD***

THINKING ABOUT

MATTERS

of

METHOD

Worth keeping in mind in view of Reports  
about science which might include phrases like:

“Scientists agree that... “, or

“Scientific studies have shown... “, or

“There is a scientific consensus... “ [NB “97%  
of the scientists believe...” is False] ...

Room Full of Fish with some Roses thrown in!

or

“The science is settled.”

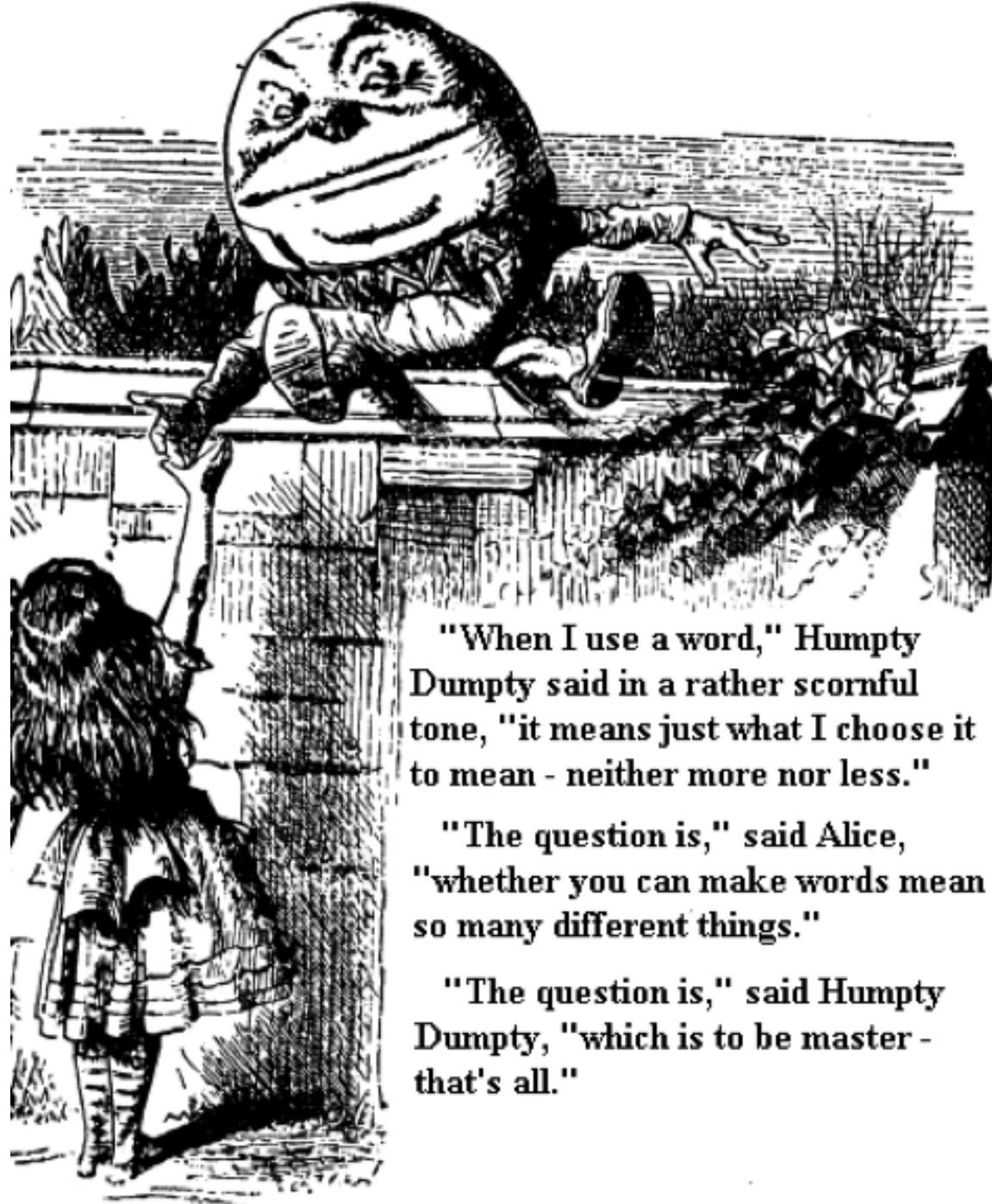
But... **WHAT IS “SCIENCE”?**

**SCIENCE** requires the  
using **OBSERVATIONS**  
and **LOGIC** often in  
conjunction with the  
**HYPOTHETICO-  
DEDUCTIVE** method  
applied to nature.  
Essential to science is  
the use of **CAUSAL**  
explanations: e.g.,  
levels of reason for:  
“Why is the sky  
blue?”  
“How do you know?”



HOW YOU MAY BE  
PREVENTED FROM  
LEARNING WHAT YOU  
NEED TO KNOW

**CODE WORDS and CONSENSUS**



"When I use a word," Humpty Dumpty said in a rather scornful tone, "it means just what I choose it to mean - neither more nor less."

"The question is," said Alice, "whether you can make words mean so many different things."

"The question is," said Humpty Dumpty, "which is to be master - that's all."

The **"alarmists"** clearly want to be **"master"**; inventing **new meanings** to words with well-known meanings and **repeating** this. So what can then happen is that the **usual word triggers** their **invented meaning**.

# the rules of the game

Evidence base for the Climate Change Communications Strategy

The game is communicating climate change; the rules will help us win it.

Quotations about “climate change”\*

from the  
CRU “ClimateGate” Folder (ca., 2009)

**Note:** Here, to “deny” is to refuse to admit that which you are supposed to believe true.

**But, Is it (AGW) true?**

**futerra**

Recommendations to the Climate Change Communications Working Group:



## 2. Forget the climate change detractors

Those who deny climate change science are irritating, but unimportant. The argument is not about *if* we should deal with climate change, but *how* we should deal with climate change.

Details: See [www.defra.gov.uk](http://www.defra.gov.uk) The Department for Environment, Food and Rural Affairs (Defra) is a Government Department in the UK.

## — Quotations —

**Al Gore on the Charlie Rose show** [19June2006]. Asked by Rose “Do you know any credible scientist who says ‘wait a minute – this hasn’t been proven,’ is there still a debate?” Gore replied, “The debate’s over. The people who dispute the international **consensus** [my stress] on global warming are in the same category now with the people who think the moon landing was staged on a movie lot in Arizona.”

### **In Defense of Carbon Dioxide**

“The demonized chemical compound is a boon to plant life and has little correlation with global temperature.”

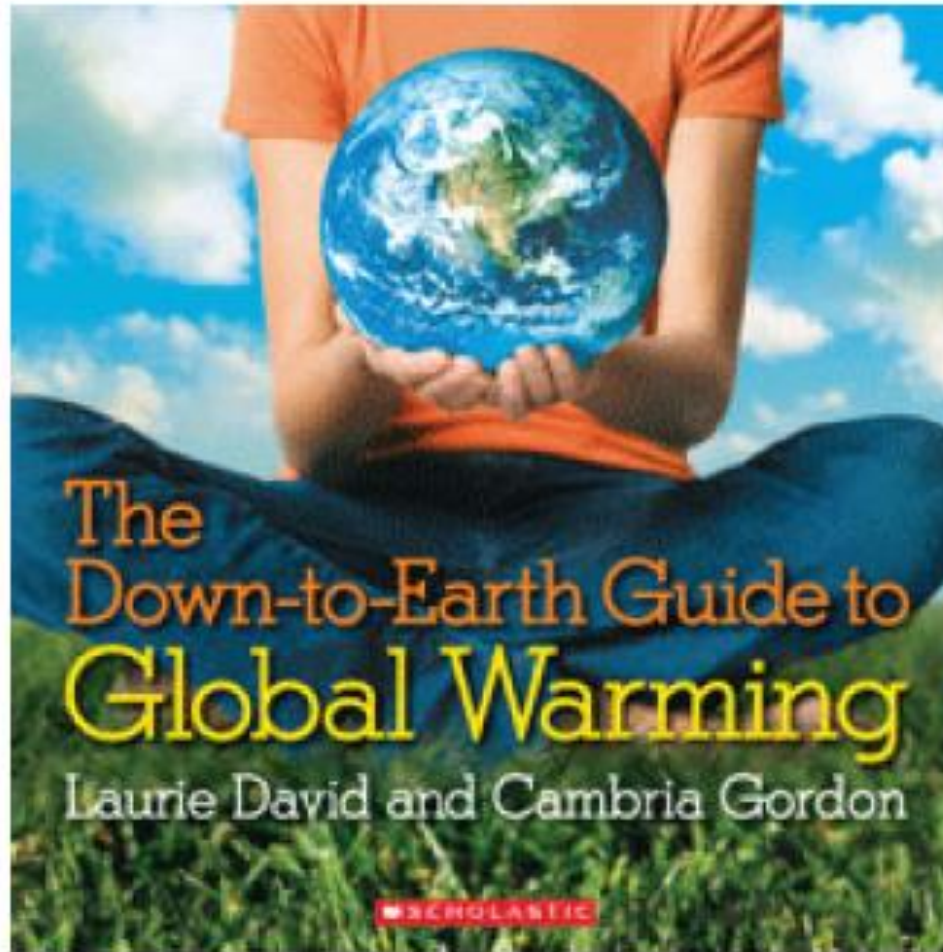
By HARRISON H. SCHMITT AND WILLIAM  
HAPPER

May 8, 2013 6:37 p.m. ET, Wall Street  
Journal

**Game Changer**



Banquet speaker, Harrison Schmitt -- B.S., Caltech, 1957  
Ph.D. in Geology, Harvard, 1964 --Moonwalker, Apollo 17  
(banquet picture courtesy of Nick Nicastro, NES-AAPT; 4 April 2008)  
NASA photo S71-52260 is Jack's Official Mission Portrait



Spreading  
False Ideas  
To  
Children

Reviewed by:

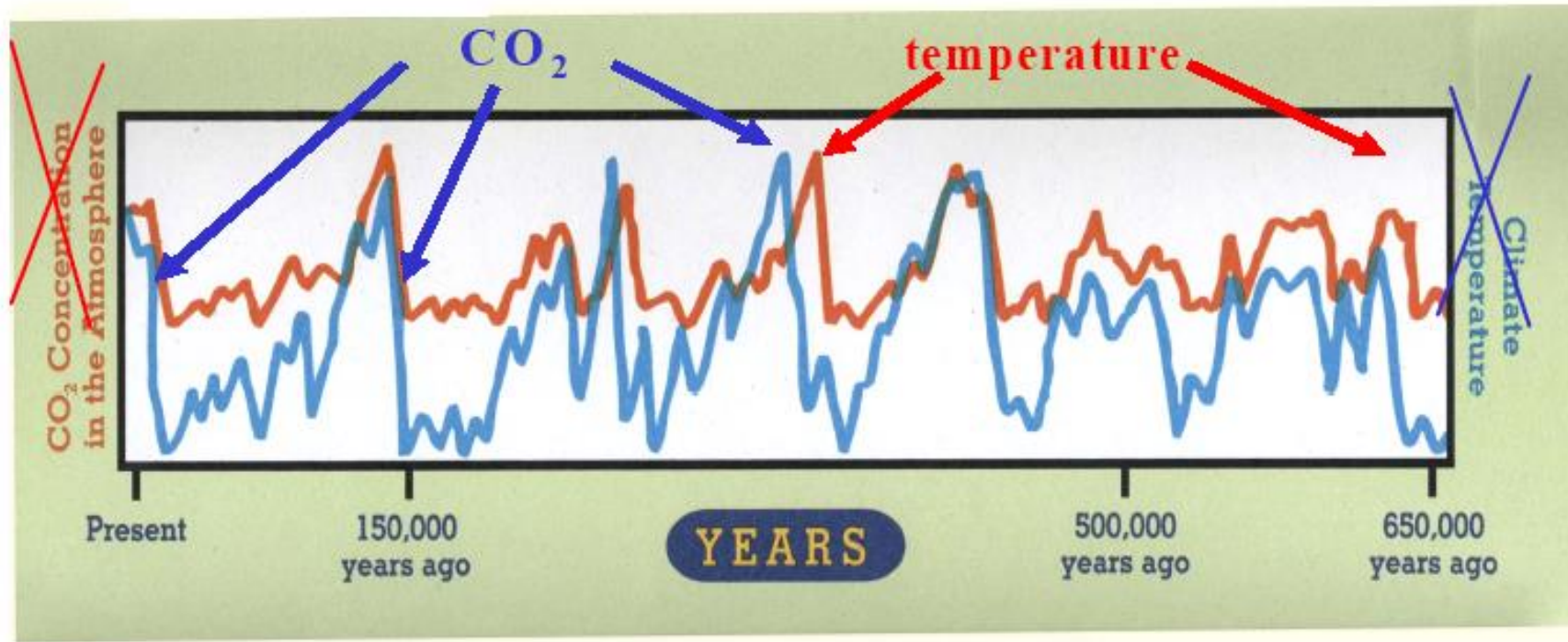


[www.scienceandpublicpolicy.org](http://www.scienceandpublicpolicy.org)

**This is a slide for showing apparent  
Deception at the Elementary School level.**



Corrected chart



**The graph they presented  
is not true  
and not admissible  
as science!**

# Other Examples which indicate Deception or Fraud...

- (1) Tony Heller, e.g., "Is the Global Temperature Record Credible?"\*
- (2) Donna Laframboise (false claims by former IPCC director, Pachauri).
- (3) Consensus of 97% shown by Monckton, Legates, and Soon and also in "Why Scientists Disagree" by Heartland (have some here)
- (4) Recent report of National Climate Assessment riddled with false statements.
- (5) COUNTERING the above: Background by Lindzen "The language of alarm and the irrelevance of...\_Oslo talk  
\*<https://www.youtube.com/watch?v=yqZGgaZaXig&feature=youtu.be> [1:20 – 1:56]
- (6) COUNTERING: AGWA M. Mann loses lawsuit against Tim Ball

# On Campus ... at the University of Hartford

- “Global Warming Thoughts” article by me in  
17April2008 issue of *The Informer* — critiques DAGW  
[Dangerous AGW]
- CO2 increasing --- front page by staff in  
last issue of 2018 of *The Informer*— promotes DAGW

## **On Campus ... at the University of Hartford**

- I taught: three FYS100 critical-thinking courses on Climate Alarm. Other faculty: At least one course (possibly more) on Environmental Science from Pro-AGW point of view**
- Some years ago: Theft of some critical-of-DAGW [Dangerous AGW] library books**
- E&S [Environmental & Sustainability] Committee refused to discuss DAGW--- Chair presented consensus claims (which can be used to avoid having to come to grips with contradictory evidence)**
- DAGW position went forward as a recommendation from E&S to Faculty Senate**
- Student Rep. on E&S committee would not engage in further discussion and recommended that the student body move forward on grounds of E&S belief in DAGW**
- I fired a "shot across the bow" in Faculty Senate urging collegiality and critical-thinking discussions about AGW (written part of my comments made part of the Senate Minutes)**
- No result from E&S but Chair was discussing how to prevent me from staying on E&S**
- Faculty Senate meeting: I formally resign from the E&S Committee (written part of my comments made part of the Senate Minutes)**
- Academic Freedom: Yale statement. Academic Freedom has been compromised. Recall what happened under Nazis and Soviets and People's Republic of China**



# Other Types of Imagination *versus* Scientific Imagination

## Scientific imagination:

“... that whatever we imagine has to be consistent with everything we know.”

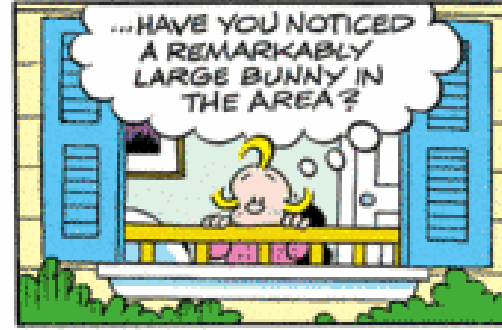
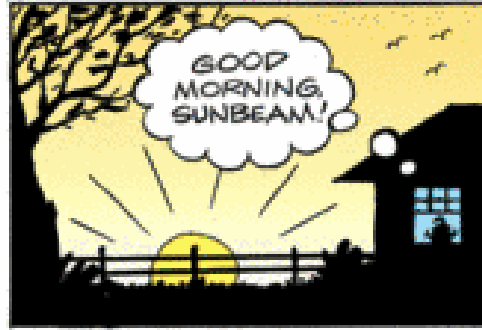
(from the audio of The Feynman Lectures on Physics, Vol. 16, Disc 05, Volume 2, Chapter 20, 20.3, Scientific Imagination).

If you don't do *that*...

... then you can get *this*...

**“SEEING  
IS  
BELIEVING”**

**ERROR**



SEEING  
IS  
BELIEVING?  
**NO !**

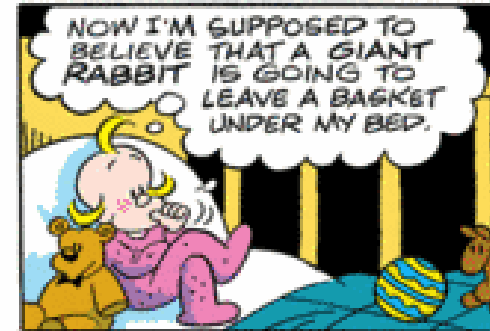
**CORRECT  
VIEW is —**

**NOT THAT**

“HE DID  
LEAVE  
SOME  
PRESENTS”

**BUT**

“PRESENTS  
HAVE BEEN  
LEFT”.



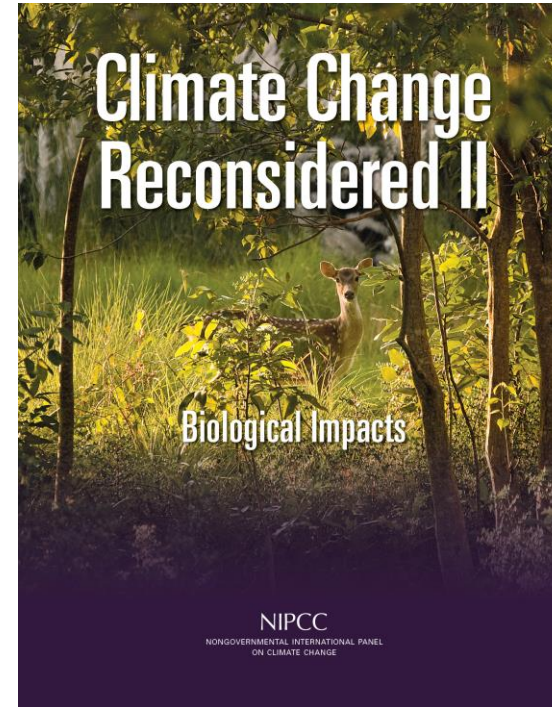
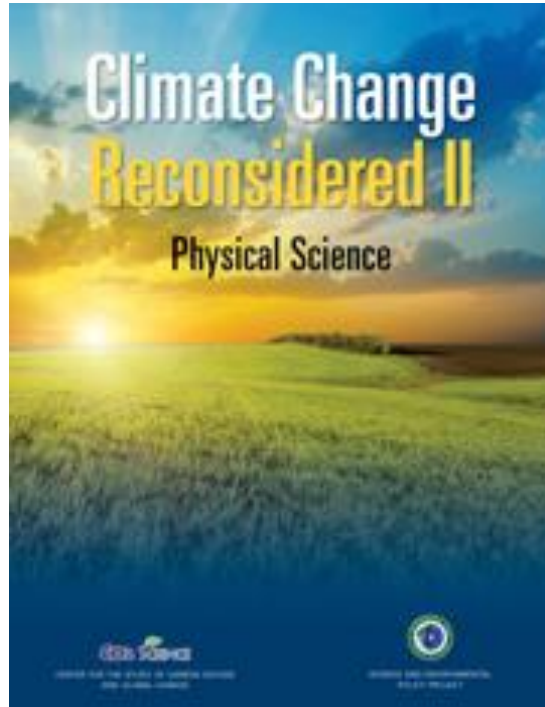
**See the Parallels?**

**First** they tell you “Global Warming” is causing the snows of Kilimanjaro to melt (or sea levels to rise, or temperatures to increase, or ...).

**Then** they “show” you that the snows of Kilimanjaro are melting (or sea levels are rising, or temperatures are increasing, or ...).

**You don't  
know how  
the  
presents  
got there.**

For details see the NIPCC reports...  
[Nongovernmental International Panel on Climate Change]



Each  
person's  
“scalpel”  
is that  
person's  
**CRITICALLY  
THINKING  
MIND**

... and more, including Summaries for Policy Makers

**PLEASE NOTE:** Being concerned about the Environment [healthy cells]

Does NOT mean you must be concerned about AGW [wrap-around cancer cells]



Here's a site that is "The world's most viewed site on global warming and climate change." (over 259 million views)

<http://wattsupwiththat.com>

which includes and discusses sources arguing for "global warming/climate change"

**So...**

- **Let's encourage our students (and others) to use their faculties of critical thinking**
- **Let's have more debates in our colleges, high schools, and K-12 schools and in the media**
- **Let's do SCIENCE**
- **In Conclusion...**

As a friend and colleague said at the conclusion of an interview, when asked what advice he would give to viewers...

**Stop being afraid.**

**Relax.**

**Think.**

— Christopher Essex, Interview with Topher Field



**Thanks for your attention.**

# SUPPLEMENTARY SLIDES

— PRESENTATION —  
Physics Seminar, University of Hartford  
14 February 2019

# **Dangerous** **“Climate Change/Global Warming”** **Challenges to Critical Thinking** **Off Campus... and On**

Laurence I. (“Larry”) Gould

*Physics Department, University of Hartford*

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<http://uhaweb.hartford.edu/LGOULD> [needs updating]



# Terror of Cancer

- Doctor: You have been diagnosed with cancer and don't have long to live
- Put your affairs in order
- Terrifying! What could be done?
- Get another professional analysis. Go to another doctor.
- I know a high school biology teacher. He was diagnosed with cancer and was told to put his affairs in order. What happened?
- He did get that 2nd opinion.
- No cancer. (But if so then action requires reasoning not just being scared.)
- The “scientists say” the world has been diagnosed to have dangerous global warming caused by humans
- Terrifying! What could be done? ...

# About the “Hockey Stick”

- “Why didn’t they get an independent statistician to examine the work, as the Wegman Report [requested by the U.S. House of Representatives’ Committee on Energy and Commerce following the hockey stick controversy] recommended?” Ball asked. “The reality is, in both cases they got the result they wanted, they got the headlines they sought, which is all the media and the public remember, so they didn’t question the findings.”

• — Tim Ball

# Revealing Agendas & Attempts to Censor

- **UN Agendas:** Christiana Figueres --- It's not about AGW. It's about "spreading the wealth" ---
- YOUR wealth, your CHILDREN'S wealth, and your GRANDCHILDREN'S wealth.
- Christiana Figueres' quote about one world under the UN: "Sustainability" Agenda 2021 and 2030?
- **Blocks attempted by academics:**
- (1) Private school Kingswood-Oxford teacher refused my offer to lecture on AGW because (not an exact quote) "We have to change our life style." [How would he know if he refuses to hear any critiques?!]
- (2) UConn prof of physics invites only AGWA scientists to lecture on AGW; confused that he got Lindzen to lecture — but it was I who invited him. He also would not tell me name of a colleague in another Dept at UConn who was skeptical of DAGW
- (3) Teachers trying to prevent me from lecturing
  - (a) High school near UConn complained that I was lecturing but shouldn't be
  - (b) CT AAPT member who tried to get me disinvited;
  - (c) member of Biology Dept at Quinnipiac U was going to debate me but then decided not to after learning of my activities;
  - (d) UofH E&S Committee member and attempted discussion, had to get Chair of Fac Senate to intervene, vote (without a quorum!); my Fac Senate remarks after vote in May 2018 and my Fac Senate remarks resigning from E&S on Oct 18, 2018;
  - (e) remark at end of A&S Faculty meeting on Nov 1, 2018 to offer discussion with colleagues, approved by Dean suggesting that I go ahead and contact them.

Suppression and Evasion of Evidence against DAGW. Relevant History ---Early 20<sup>th</sup> century > widespread belief in the US of EUGENICS > then came the Nazi govt with its attack on Jews and its mass-murdering gas chambers. When people learned about it after WW II the report by some was: Of course, no one believes in Eugenics. And No one ever did...

# Supporting Claims -- Scientifically

- Since the CO<sub>2</sub>-sea-level connection is claimed it would be important to have those claimers to submit detailed causal connections (i.e., equations of physics and other related science-based relations) to show exactly:
  - 
  - What are the equations used and what is the justification for using them?
  - What are the boundary conditions used in the equations?
  - How were they ascertained and their reliability assessed?
  - How much will the sea level change and over what period of time?
  - WHERE will those changes take place?
  - Details of what OTHER mechanisms, besides CO<sub>2</sub>, have been examined which could account for changes in sea level around the globe and HOW and, if rejected, WHY?
  - Submission of the above to those expert in research about sea level changes (such as Nils-Axel Mörner, Karl Wunsch, and Tom Wismüller).
  - Bring out the controversy publicly.
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