

Probe  
| for answers

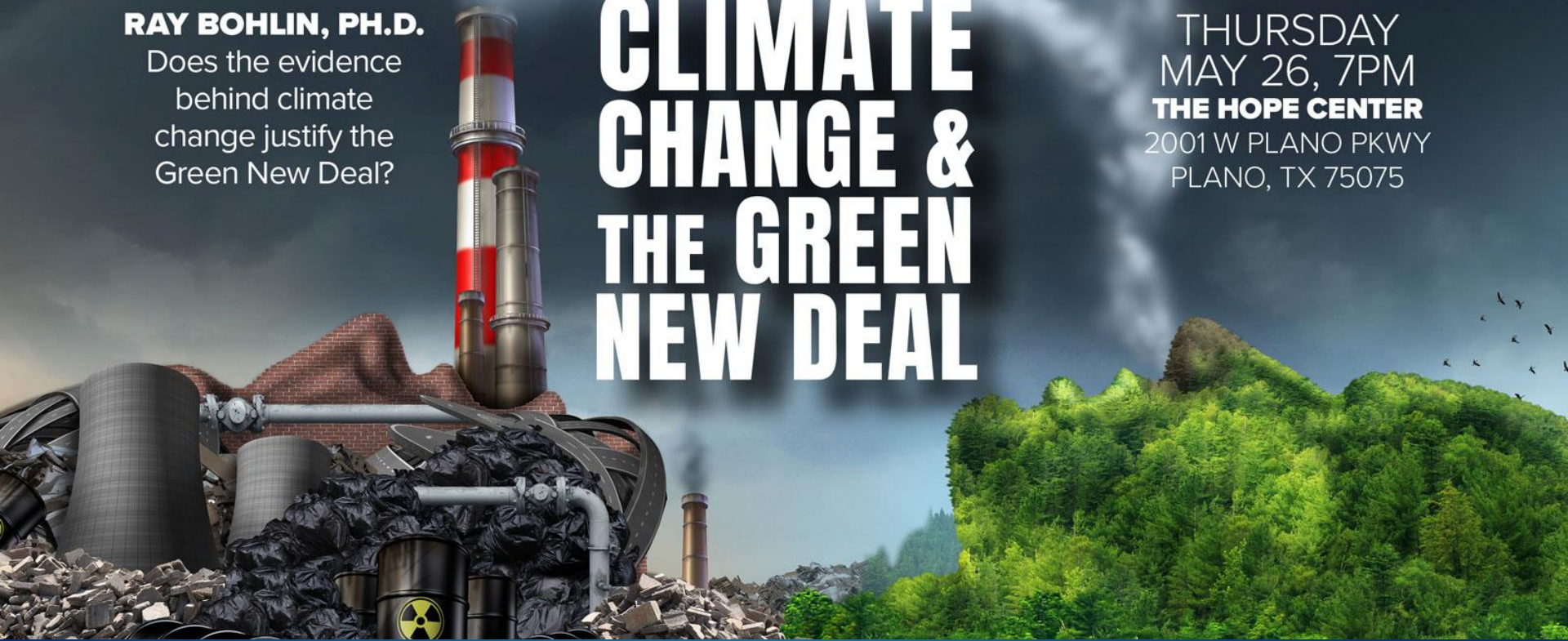
**RAY BOHLIN, PH.D.**

Does the evidence  
behind climate  
change justify the  
Green New Deal?

PROBE MINISTRIES  
INVITES YOU TO

# CLIMATE CHANGE & THE GREEN NEW DEAL

THURSDAY  
MAY 26, 7PM  
**THE HOPE CENTER**  
2001 W PLANO PKWY  
PLANO, TX 75075



# Is the Earth Warming?

- ▶ Yes, is the simple answer.
- ▶ But the earth has warmed and cooled for a long time.
- ▶ Since 1900 the earth has warmed by 0.85 degrees Celsius (1.5 degrees F).
- ▶ An increase in greenhouse gasses, specifically CO<sub>2</sub> has been ruled the culprit.

# The Green New Deal



“The Green New Deal (GND) would impact literally every aspect of your life, from your lightbulbs to your appliances, to your home heating and air-conditioning, to your SUV, to the food you eat and the clothes you wear, to land use and the size of your home, to your job and the prices you pay and finally to America’s national security.”

– Marc Morano, *Green Fraud*



# The Green New Deal



“Packed with phrases like ‘farting cows,’ ‘tipping points,’ ‘free college,’ ‘healthy food,’ ‘net zero,’ ‘adequate housing,’ and incomes for those ‘unable or unwilling to work,’ – the Green New Deal was billed as a ‘10-year plan to mobilize every aspect of American society at a scale not seen since World War II to achieve net-zero greenhouse emissions.

– Marc Morano, *Green Fraud*

# The Green New Deal



“The premise of the Green New Deal is very simple: if you pay more taxes, regulate industry, drive up the cost of energy, micromanage every aspect of your life – we can then control the climate in order to avoid a climate emergency,”

– Mark Morano, *Green Fraud*

# The Green New Deal



“One must clearly say that we redistributed de facto the world's wealth by climate policy.”

Rajendra Pachauri,  
former UN IPCC chairman  
in Mark Morano, *Green Fraud*

# House Resolution 109

## February 7, 2019

- ▶ Reduce emissions by 40–60% from 2010 levels by 2030 and net zero by 2050.
- ▶ Adequate health care, housing, transportation, and education.
- ▶ Economic security for those unable or unwilling to work
- ▶ Massively expand electric vehicle production with charging stations everywhere.



# Climate Hypocrisy



- ▶ During 2020 campaign, then vice-president Biden flew in private jets and SUVs despite saying in 2019 that fossil fuel executives should be put in jail for failing to address climate change.
- ▶ When asked by a voter, “If we don’t stop using fossil fuels,” Biden interrupted, “We’re all dead.”



# GND Costs



- ▶ Estimated to be \$51 to \$93 trillion over the next 8-10 years
- ▶ 1.1 million jobs
- ▶ Income loss of \$165,000 per family of four
- ▶ Electricity rates up by 30%
- ▶ All this yet ineffective on abating climate change

# Renewables?

- ▶ Solar and wind account for 3% of US energy needs, and that is after \$50 billion in subsidies
- ▶ Only effective when sun is shining and wind is blowing, about 10-40% of the year
- ▶ Germany pays 3x the US electricity rate to get 30% of their energy from renewables
- ▶ Warren Buffet: “We get a tax credit if we build a lot of wind farms. That’s the only reason to build them.”

# Renewables are not eco-friendly

- ▶ Not recyclable
- ▶ No plan for what to do with solar panels after their 20-25 year life span
- ▶ Hawks, eagles, owls and condors killed by wind turbines at no penalty for protected species

# Electric Vehicles

- ▶ 2018 – 5 million EVs on the world's roads
- ▶ 2019 7-8 million – 50% increase!
- ▶ 2018 85 million internal combustion vehicles sold – SUVs accounted for 45%
- ▶ Rare Earth metals (cobalt, lithium, manganese, copper) needed for batteries, produce toxic waste



# Using Children

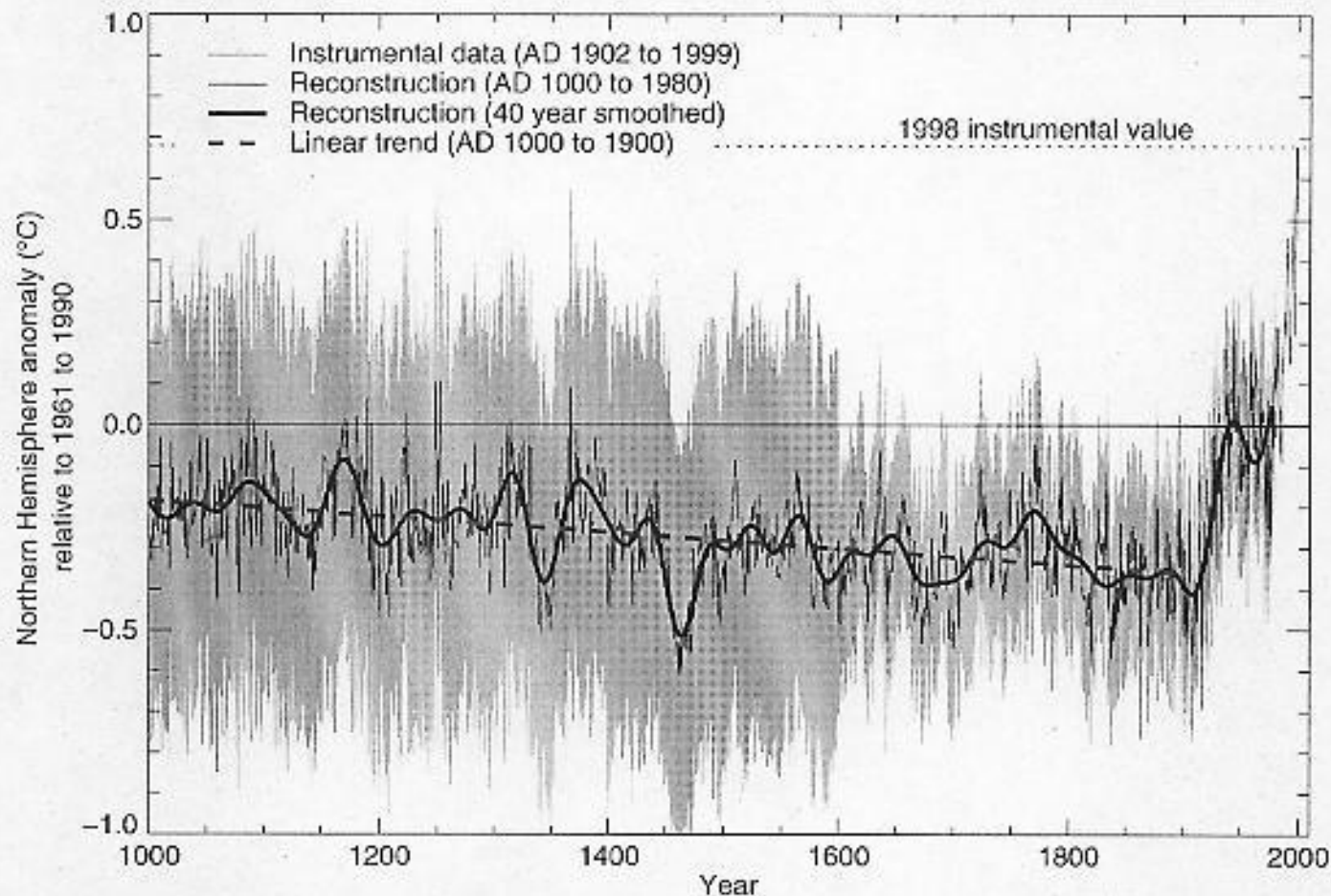
- ▶ Kids have been terrorized by with climate doomsday scenarios
- ▶ “I don’t want you to be hopeful. I want you to panic. I want you to feel the fear I feel every day. And then I want you to act.” – Greta Thunberg
- ▶ March 2019, children around the world went on strike from school to protest climate inaction



# Is the Earth Warming?

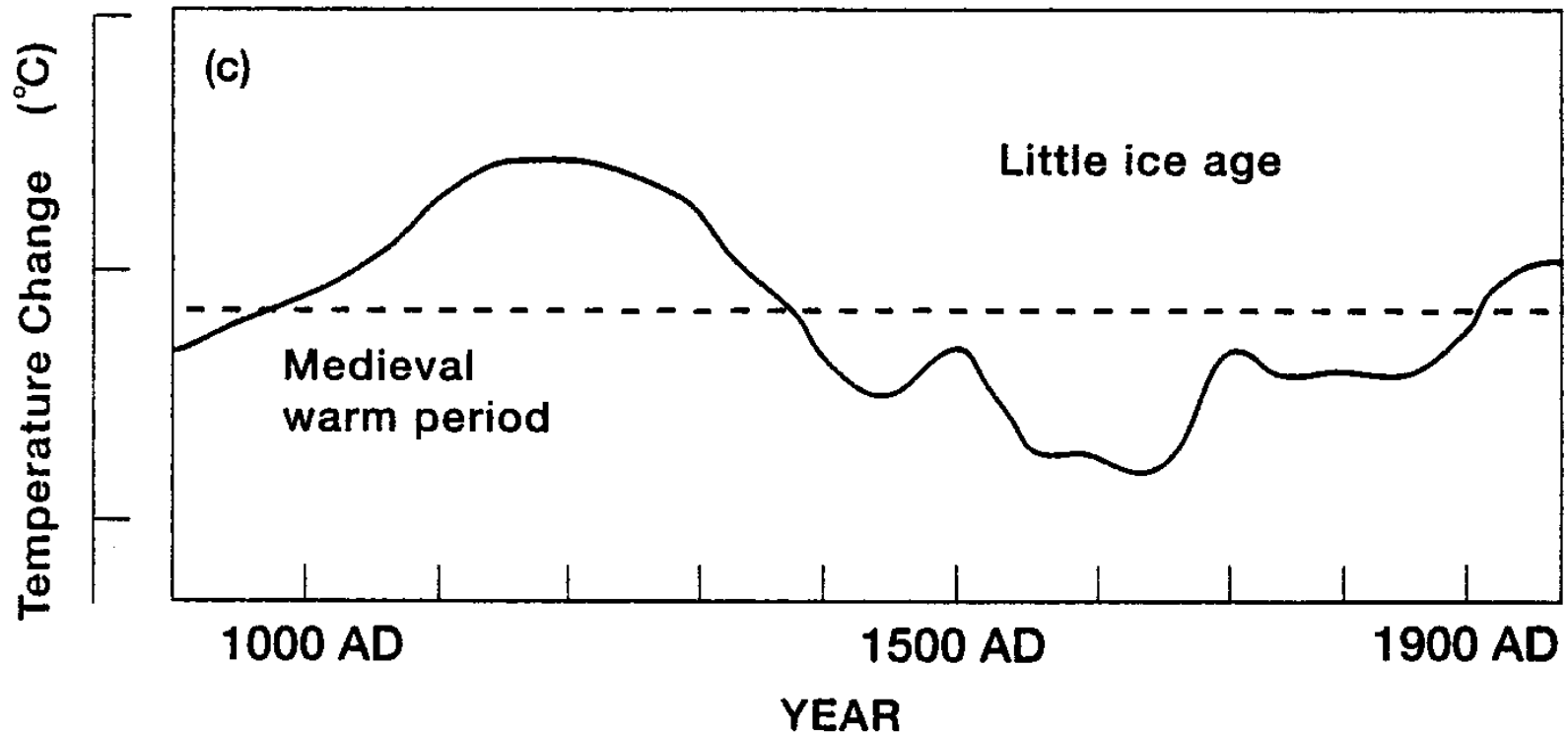
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*Observed Climate Variability and Change*



**Figure 2.20:** Millennial Northern Hemisphere (NH) temperature reconstruction (blue) and instrumental data (red) from AD 1000 to 1999, adapted from Mann *et al.* (1999). Smoother version of NH series (black), linear trend from AD 1000 to 1850 (purple-dashed) and two standard error limits (grey shaded) are shown.

# Is the Earth Warming?

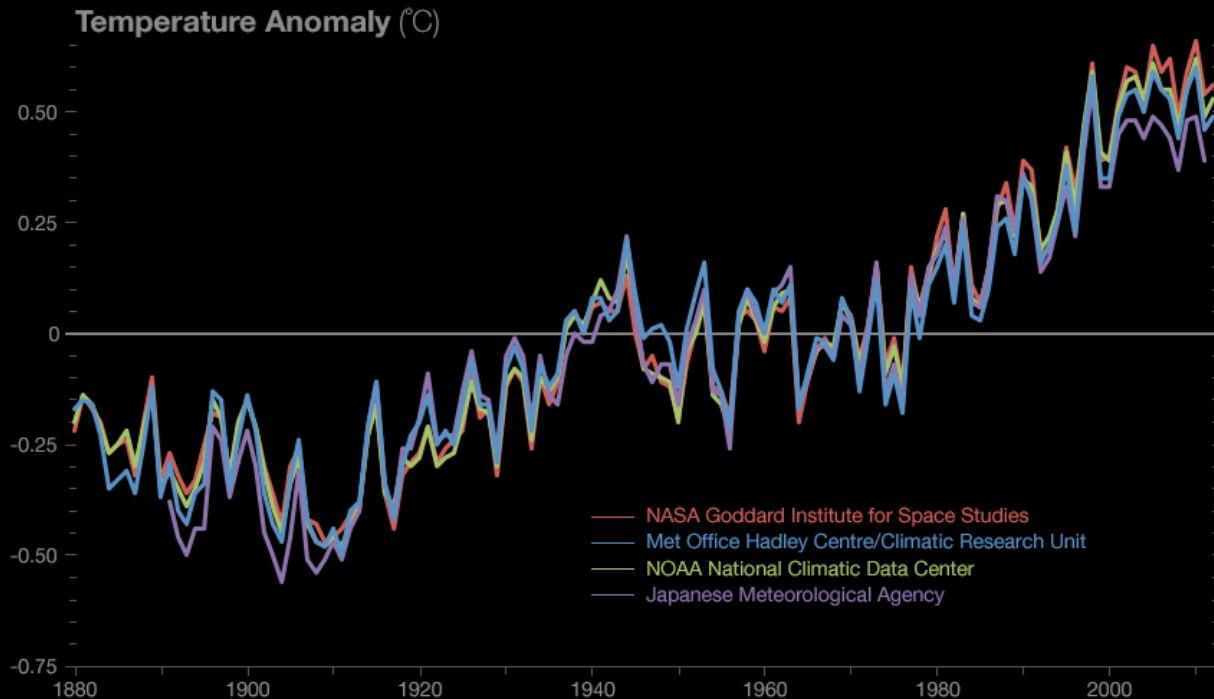


**Figure 5.1. The Last 1,000 Years of Earth Temperatures from Tree Rings, Ice Cores, and Thermometers.**

(Figure 22 in the IPCC's *Climate Change*, 1995.)

# Is the Earth Warming?

**Some say scientists can't agree on Earth's temperature changes.**



**Here's what "disagreement" looks like.**



**CLIMATE 365**

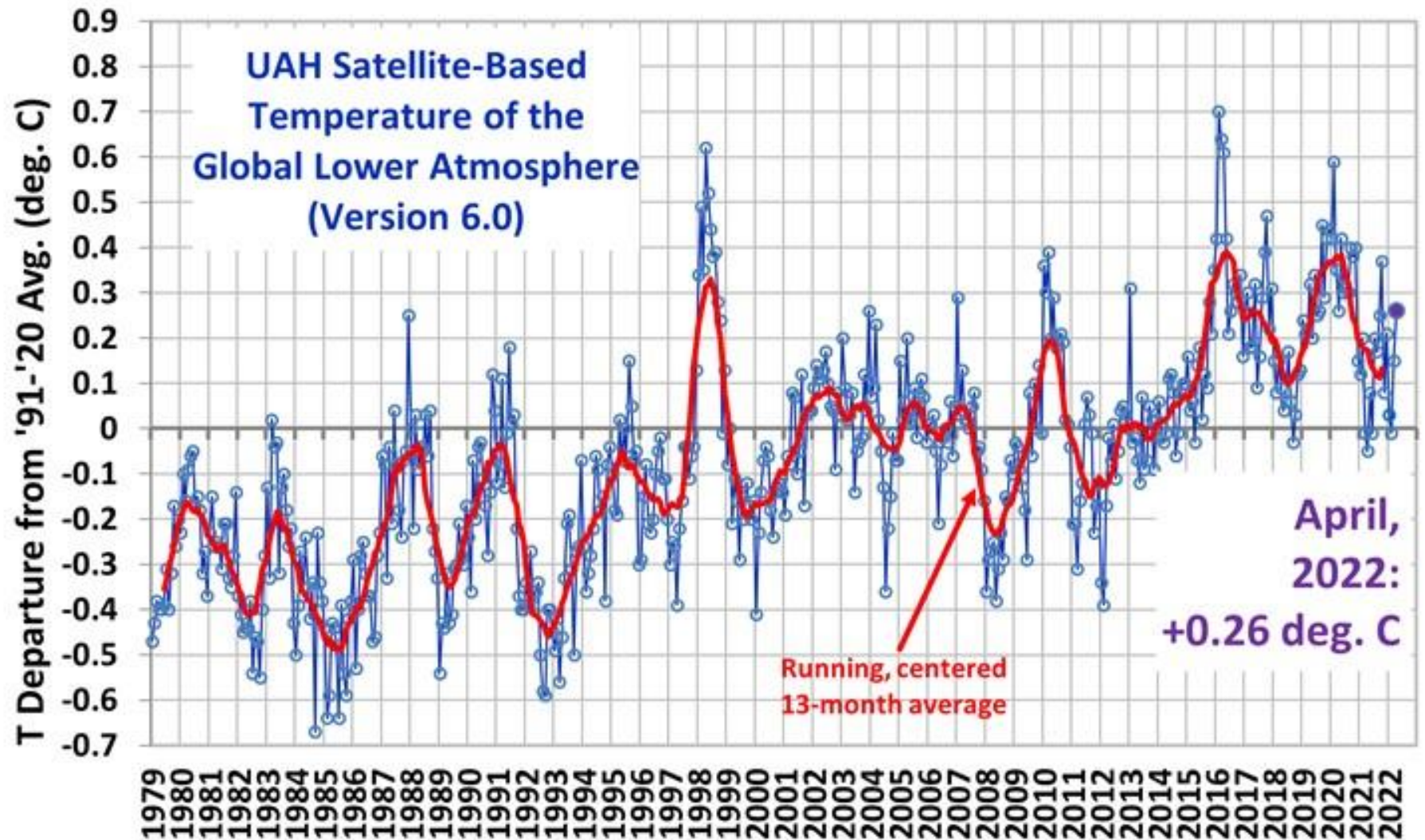
[climate365.tumblr.com](http://climate365.tumblr.com) | [go.nasa.gov/climate365](http://go.nasa.gov/climate365)



# Can Carbon Dioxide be the Culprit?

- ▶ Carbon Dioxide levels have risen from 315 ppm in 1958 to over 400 ppm in 2015.
- ▶ That's only 4 parts per 10,000 air molecules.
- ▶ Vegetation has increased 6% globally from 1982-1999.
- ▶ Carbon dioxide is a fertilizer not a pollutant.

# Satellite Temperature Data



# More Intense Hurricanes?

- ▶ Last two hurricane seasons predicted to be more intense than 2005 of Katrina and Rita fame – both fizzled
- ▶ Hurricane intensity is due primarily to temperature difference between water and air. If both rise at same rate, hurricanes will not be more intense.



# Rising Sea Levels?



- ▶ Sea levels have been rising for 10,000 years.
- ▶ Have risen 3 feet since Roman times, well before increase of carbon dioxide.
- ▶ Many glaciers are retreating but some are growing. Many retreated even further in Medieval Warming.

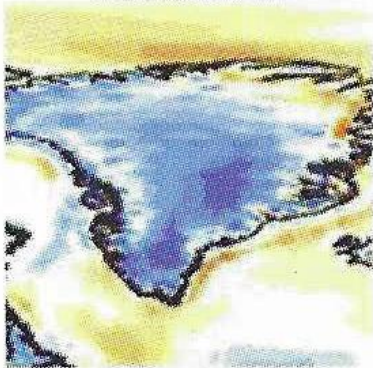


# Greenland

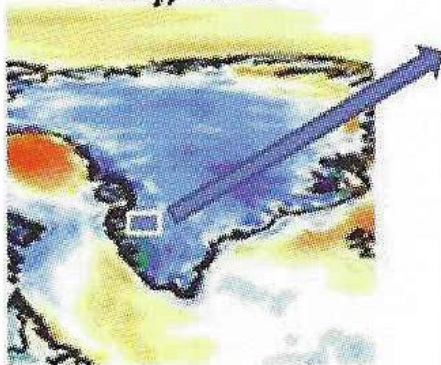
## Greenland Ice Melting is Natural and Occurs Every Year

Cool Summer, 2017

June, 2017



July, 2017

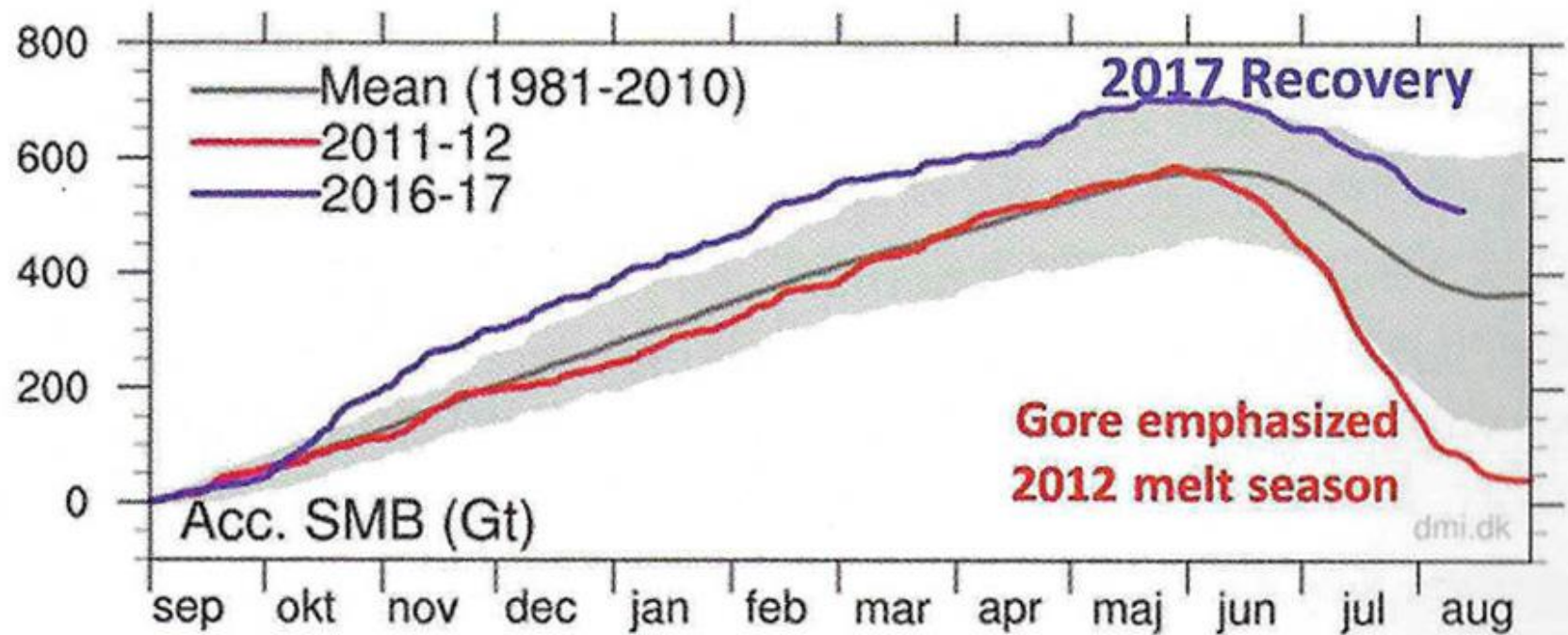


SW Greenland Meltponds, July 31, 2017



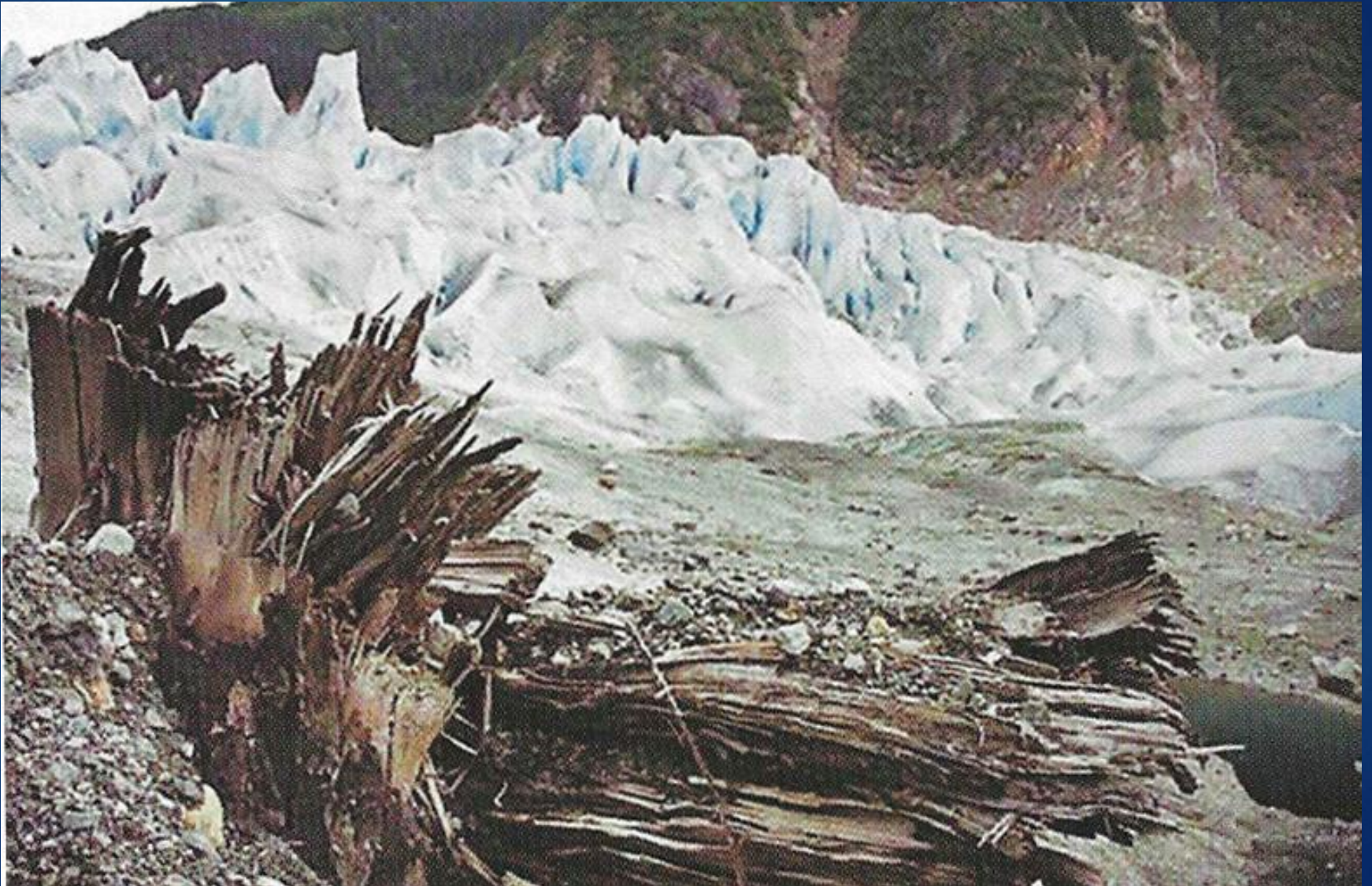
# Greenland

## Surface Ice Mass Balance of Greenland in Various Years



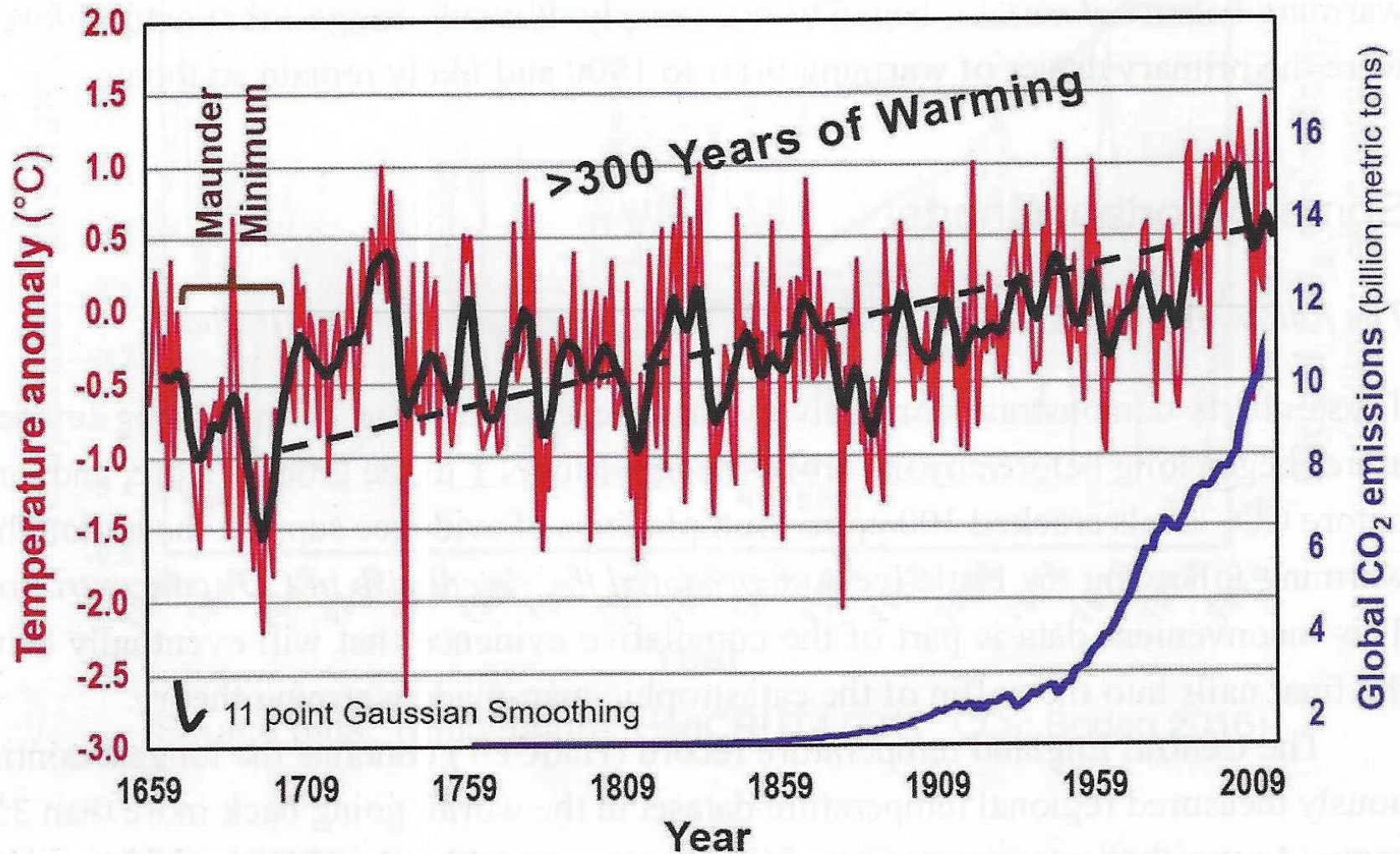


# Mendenhall Glacier, Alaska





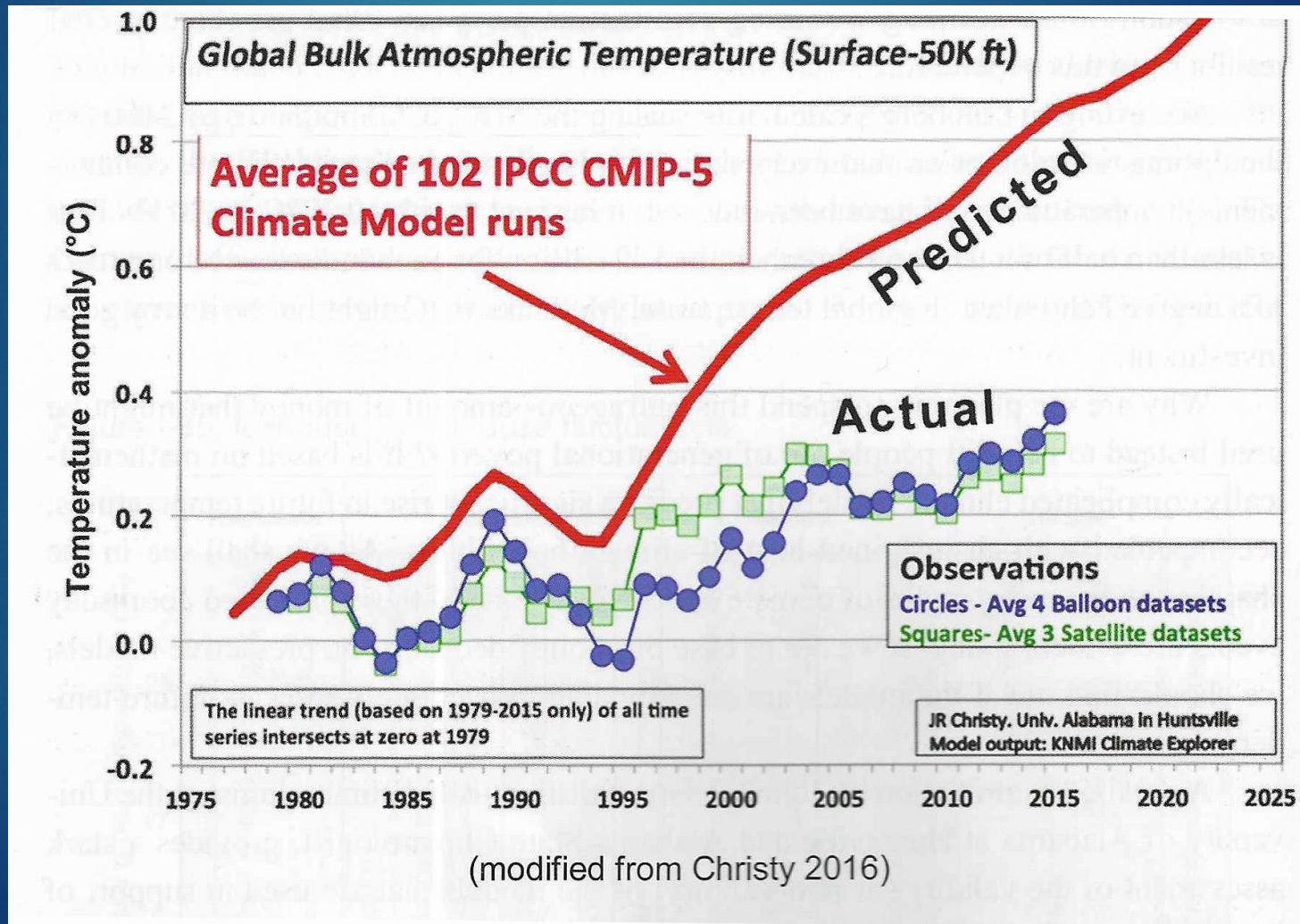
# Warming Since the Little Ice Age



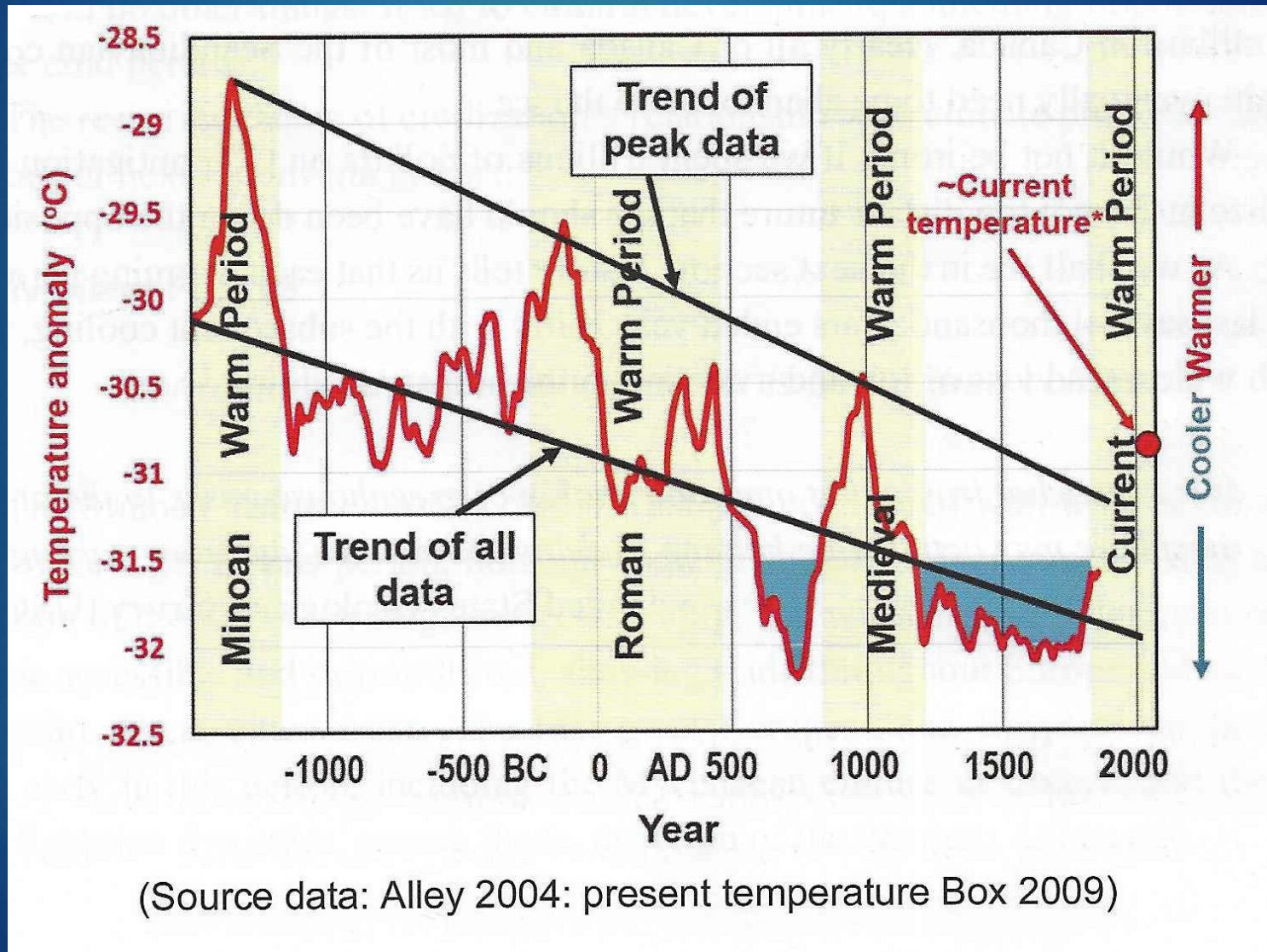
(Source data: Temperature: Parker 1992;  $\text{CO}_2$ : Boden 2016)



# Climate Models vs. Observed Temperatures



# 3500 Years of Global Cooling



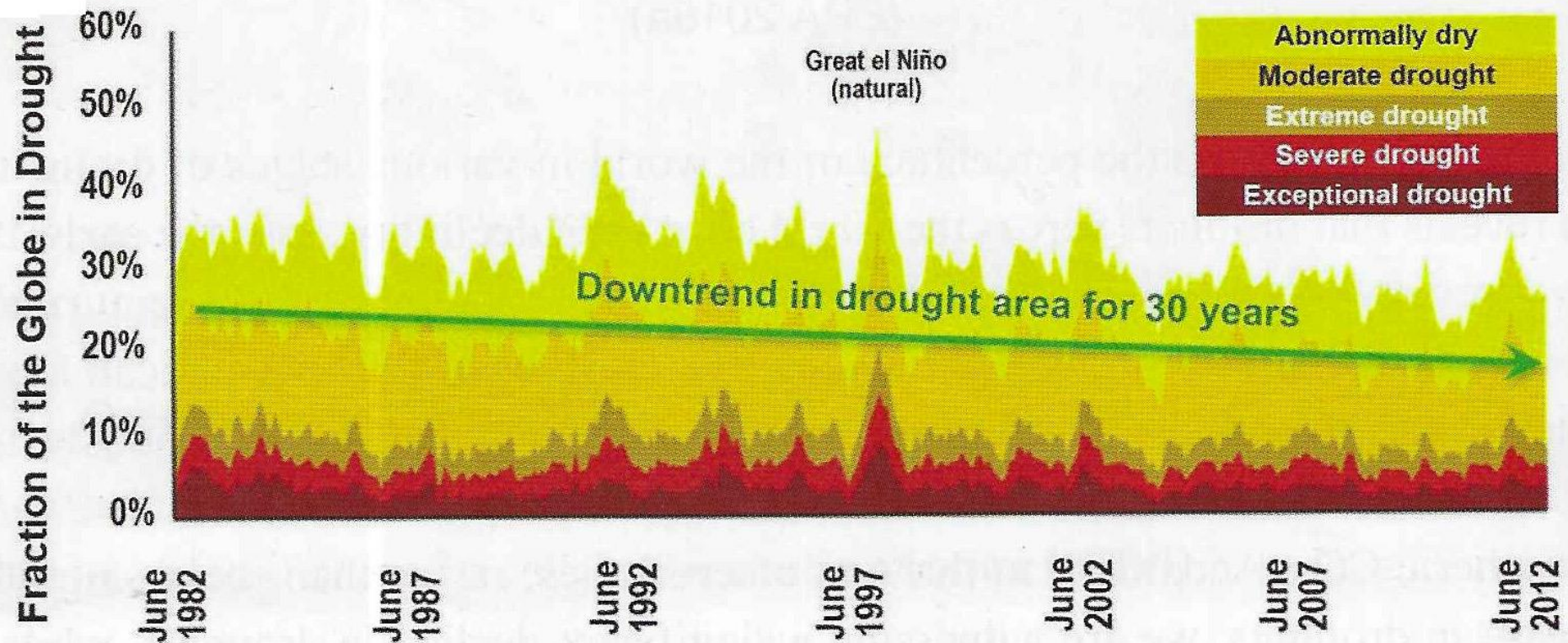




Heat Waves!  
Hurricanes!  
Tornadoes!

Oh my!

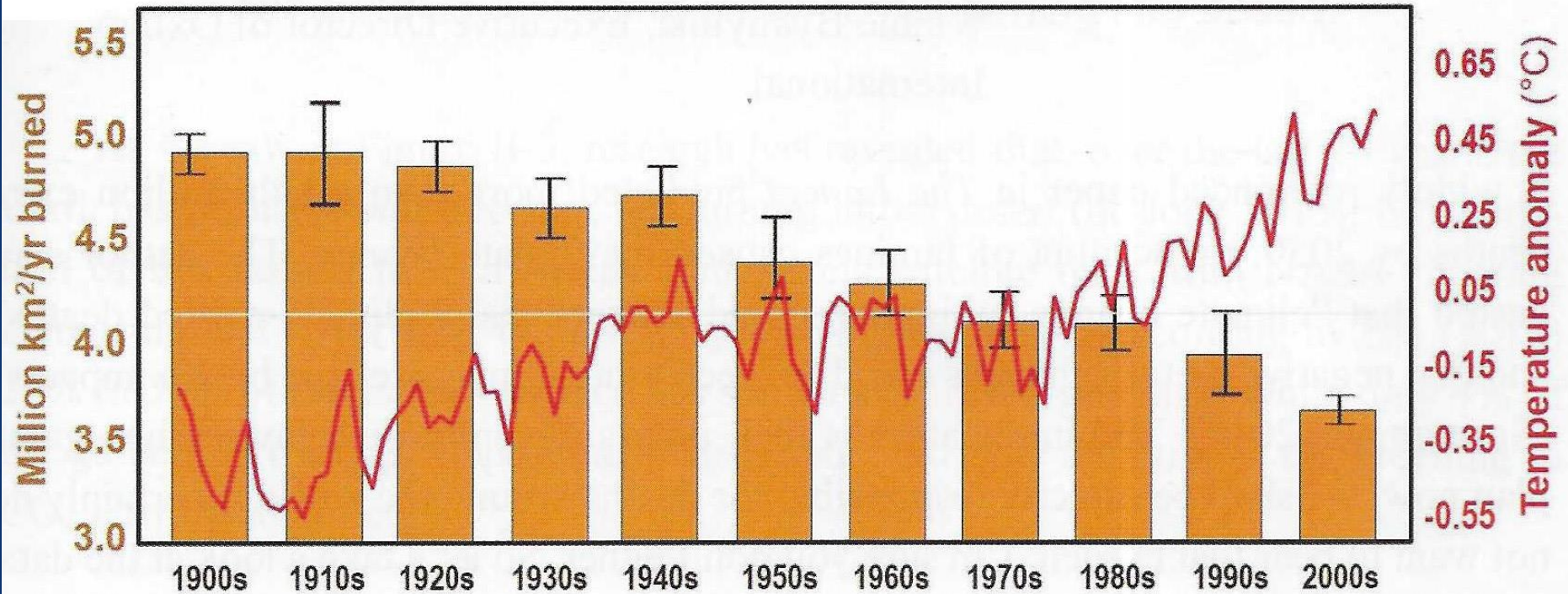
# Decrease in Droughts



(modified from Hao 2014)

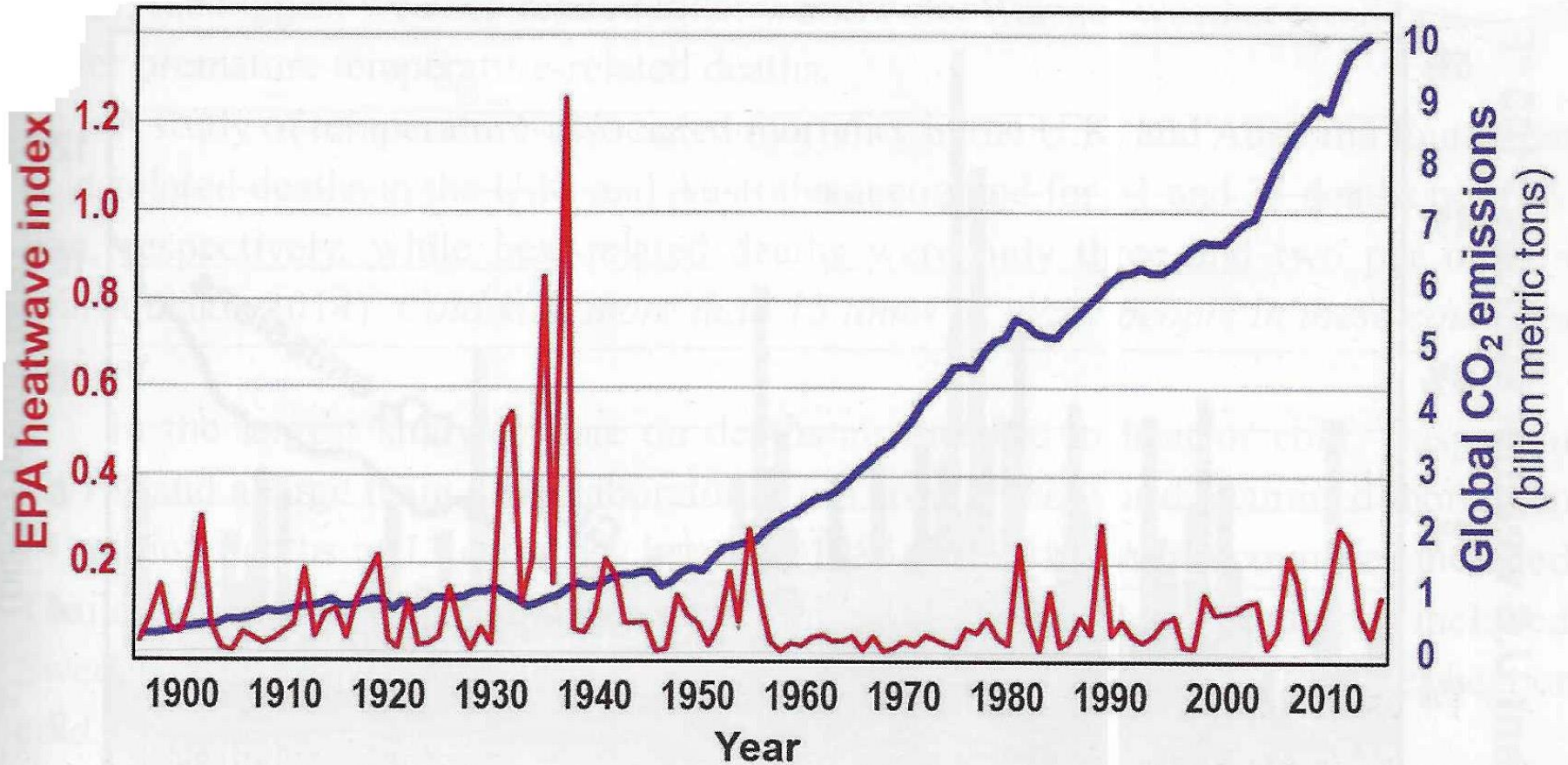


# Global Burned Area



(Source data: Burned area: Yang 2014; temperature: HadCRUT4 2017)

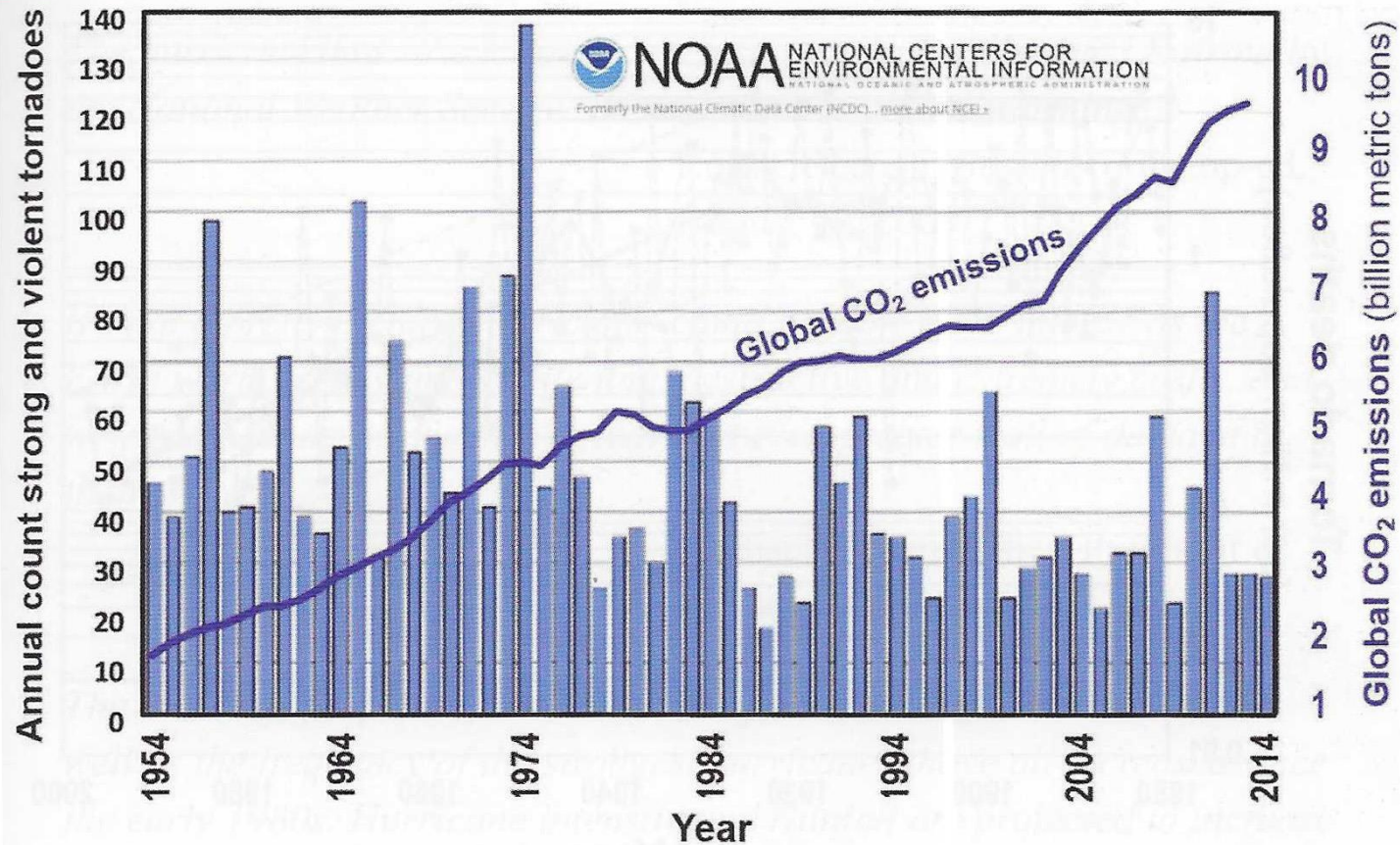
# Heat Waves



(Heatwave: EPA 2016b, CO<sub>2</sub>: Boden 2016)

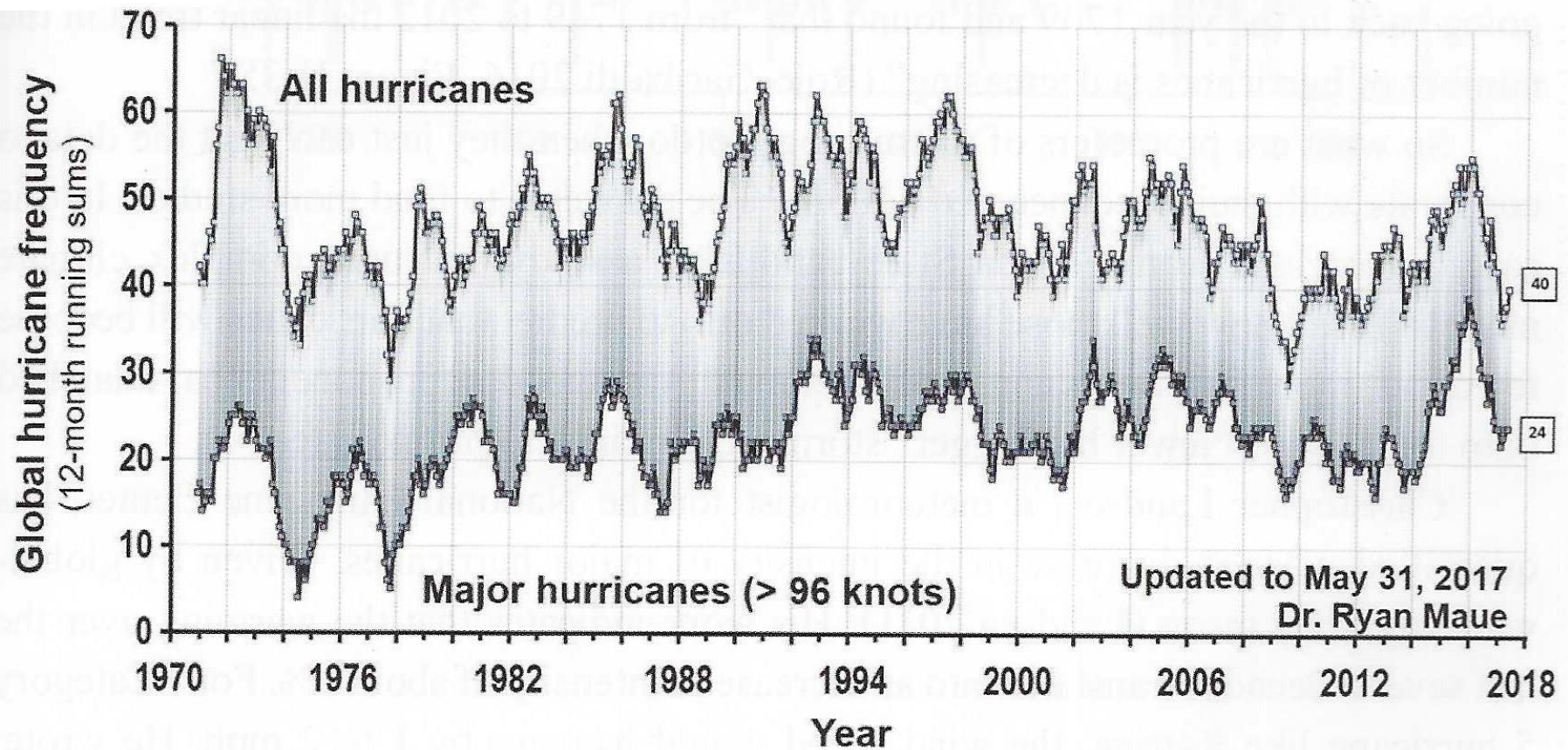


# Violent Tornadoes



(Tornadoes NOAA 2017b, CO<sub>2</sub>: Boden 2016)

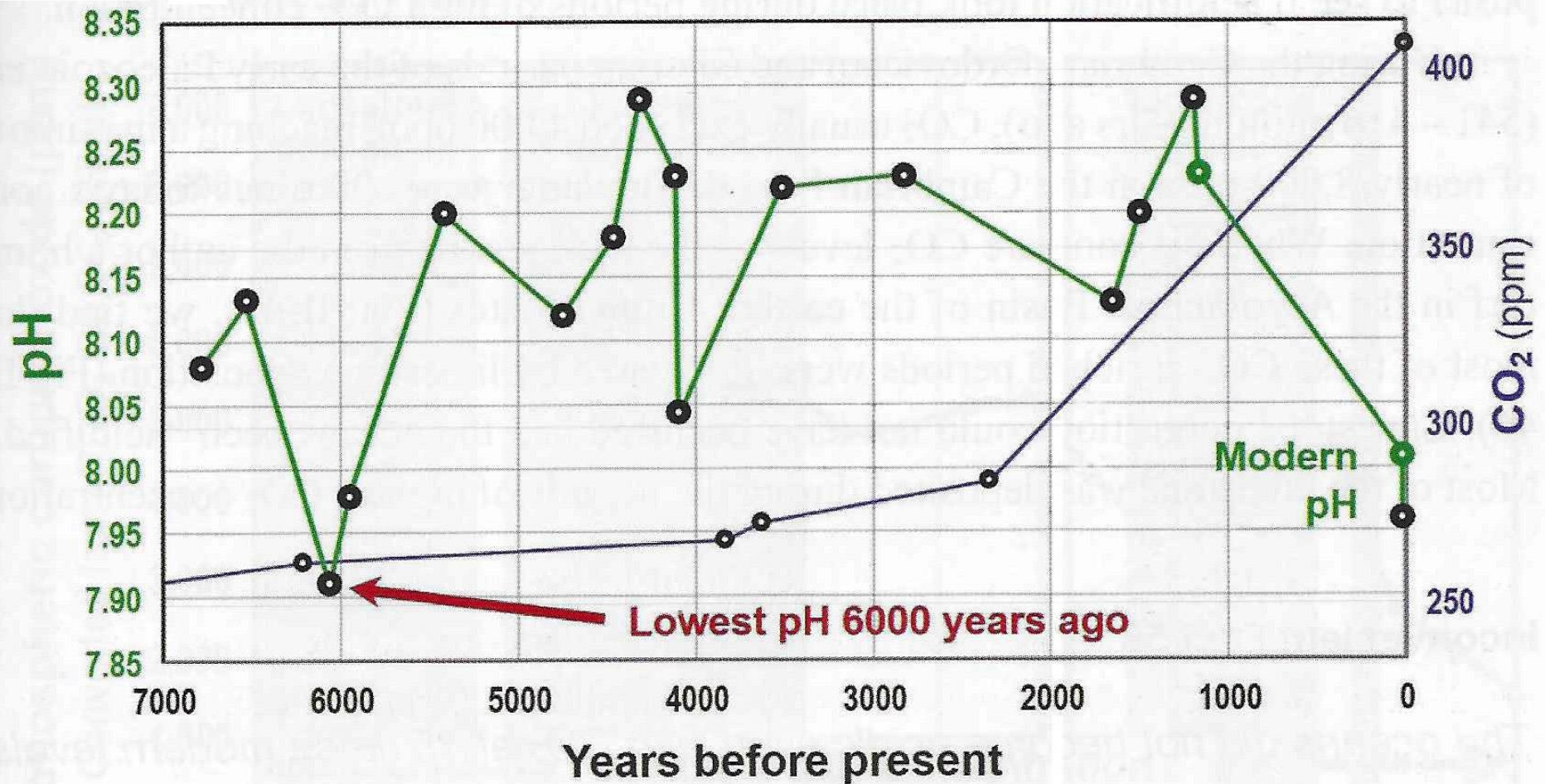
# Global Hurricanes



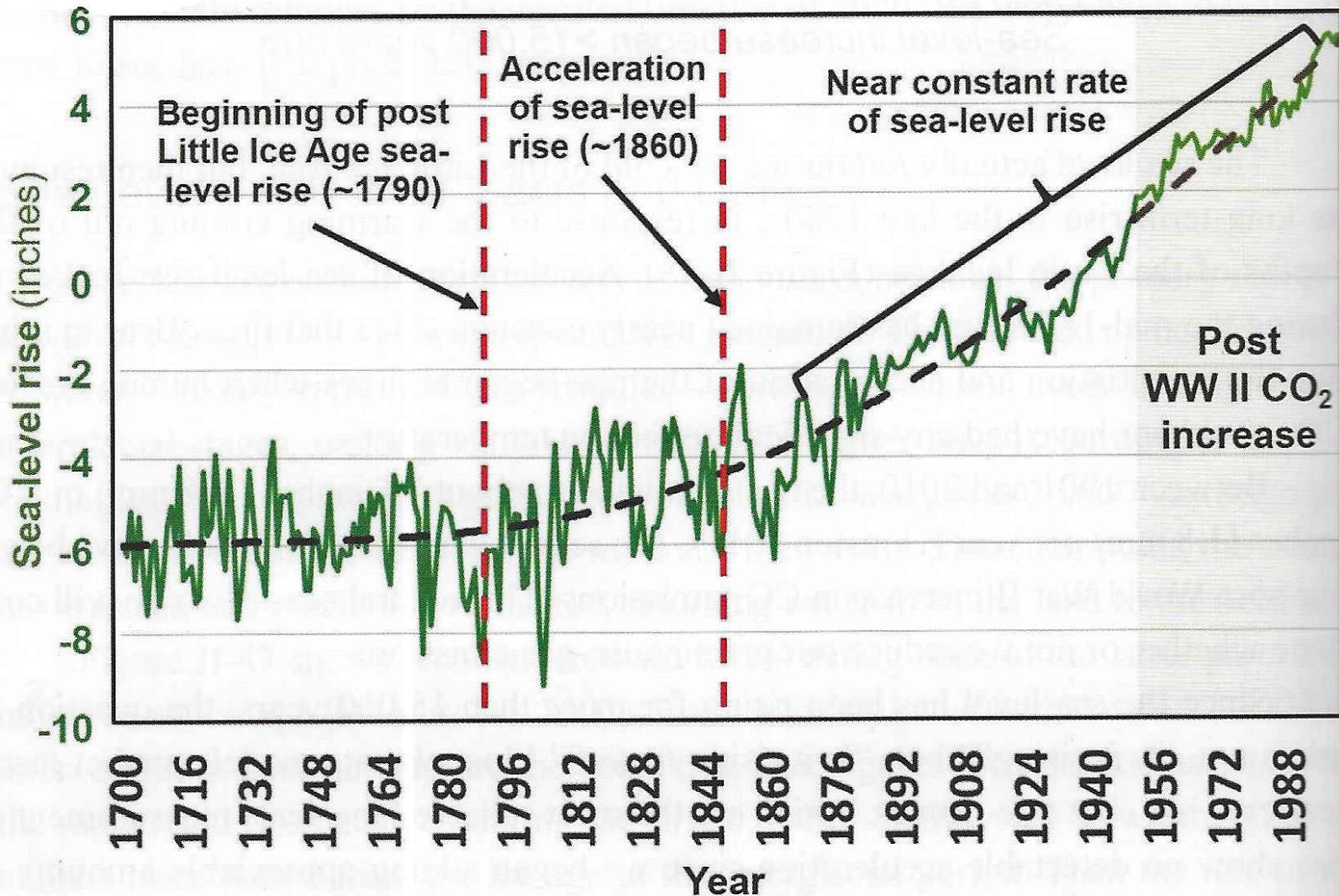
(Maue 2017)



# pH of the Oceans



# Sea-level Rise

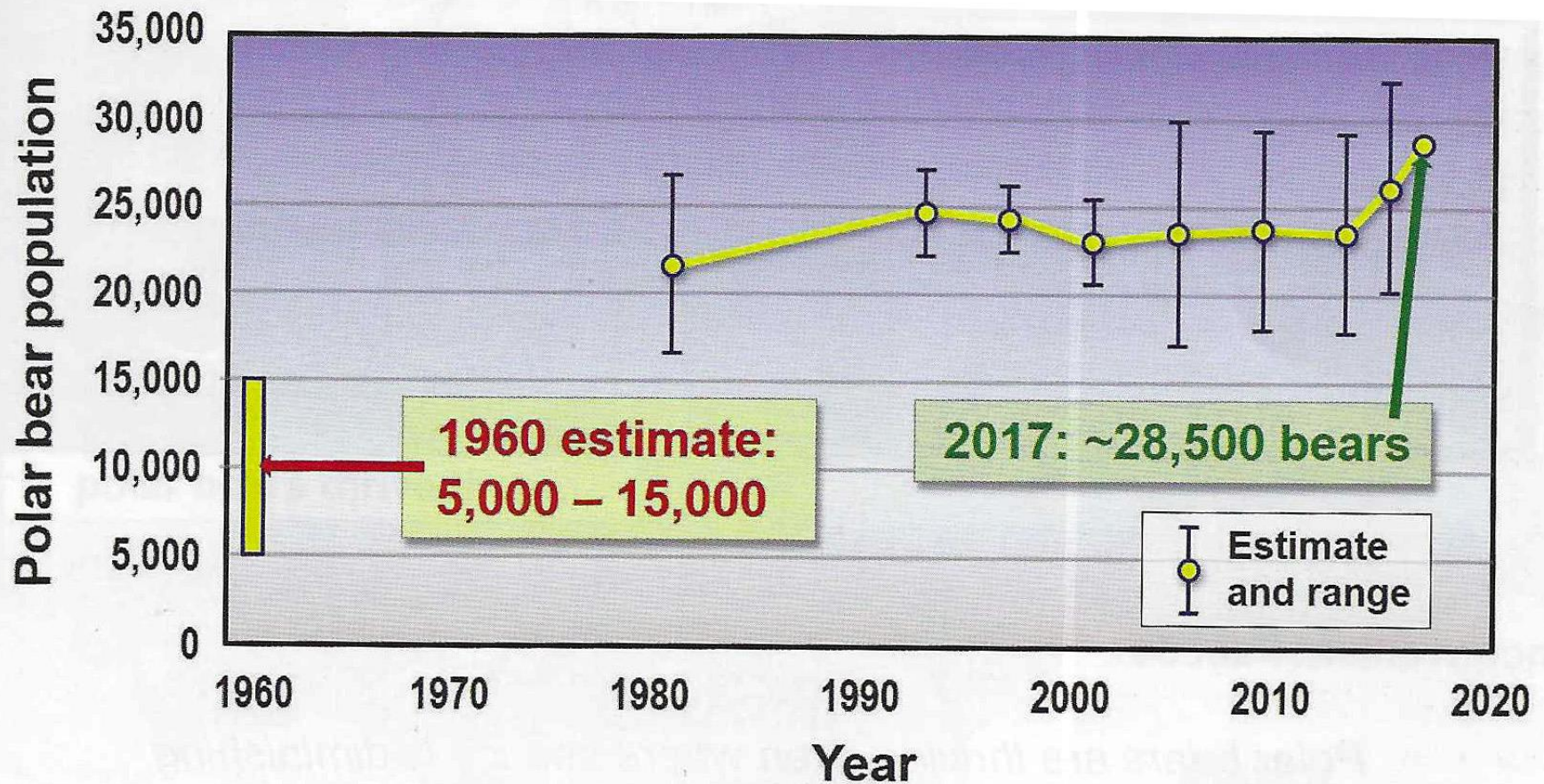








# Polar Bear Population





# Summary



- ▶ I am skeptical of the role of carbon dioxide levels in global warming.
- ▶ Additional carbon dioxide can be beneficial.
- ▶ Too much faith in climate computer models
- ▶ Restrictions of fossil fuels more designed to regulate economy than save the planet
- ▶ Extreme environmentalists put the planet first and humans a distant second.
- ▶ Naturalistic worldview

# Summary



- ▶ Compliance with Kyoto Protocol would only reduce global temperatures by 0.13 degrees F
- ▶ Rising fuel prices will most effect the poor.
- ▶ To stabilize greenhouse gasses at current levels would require a reduction of 60% from 1990 levels
- ▶ Again, people don't matter.

# A Christian View of Global Warming?

- ▶ Our earthly environment is designed to be resilient yet fragile
- ▶ Much of our care for creation is just common sense – clean air, clean water, recycling, fuel efficiency, etc.
- ▶ Remember the parable of the talents
- ▶ The science becomes critical to know what is actually happening



# Global Climate Change

- ▶ The average global surface temperature increased by about 0.5 degrees Celsius during the twentieth century
- ▶ The emission of so-called "greenhouse gasses," mostly carbon dioxide from burning fossil fuels, is supposed to be the major culprit in global warming
- ▶ Numerous signs of warming

# But . . .

- ▶ The Norsemen settled Greenland (and named it "green") a millennium ago and grew crops there, in land which is today quite inhospitable to settlement, let alone to agriculture.
- ▶ Other evidence comes from coral growth, isotope data from sea floor sediment, and insects, all of which point to a very warm climate in medieval times.
- ▶ Abundant testimony tells us that the European climate then cooled dramatically from the thirteenth century until the eighteenth, when it began its slow rewarming.



# But . . .

- ▶ Temperatures were higher in medieval times (from about 800 to 1300) than they are now, and the twentieth century represented a recovery from the little ice age to something like normal.
- ▶ There was actually a noticeable cooling period after World War II, and this climate trend produced a rather different sort of alarmism—some predicted the return of an ice age.
- ▶ Meteorologists, *Newsweek* reported, were "almost unanimous in the view that the trend will reduce agricultural productivity for the rest of the century."



So . . .

- ▶ Many are suspicious that global warming is more a political scare than scientific.
- ▶ The Kyoto protocol primarily taxes developed countries – major developing countries like China and India are exempt.
- ▶ Were Kyoto to be implemented as written, the developing countries would gain lots of money and free technology.



So . . .

- ▶ The Kyoto treaty would not make a measurable difference in the climate—by 2050, a temperature reduction of maybe 2/100 of a degree Celsius, or at most 6/100 of a degree (too little to detect)—but the sacrifices it would impose on the United States would be quite large (\$100 billion or more annually)
- ▶ We need to be open and support good science

# Renewable Energy



- ▶ Wind Power not so environmentally desirable – to derive 20% of our energy needs would require turbines covering the state of Virginia.
- ▶ Solar power uses huge tracts of land
- ▶ Hydrogen power is expensive
- ▶ But there are over 120 plants burning trash and generating electricity for over 2.5 million households in the US

# The World's Poor and Energy

- ▶ Many environmentalists want to keep the poor where they are.
- ▶ Let them keep burning wood and dung which cause respiratory disease and early death.
- ▶ Cheap fossil fuel is what they need to develop.
- ▶ Malaria and DDT



# Climate Activist Recants



“On behalf of environmentalists everywhere, I would like to formally apologize for the climate scare we created over the last 30 years. Climate change is happening. It’s just not the end of the world. It’s not even our most serious environmental problem.

# Climate Activist Recants



- ▶ “I remained quiet about the climate disinformation campaign because I was afraid of losing friends and funding. But then, last year, things spiraled out of control. Alexandria Ocasio-Cortez said, ‘The world is going to end in 12 years if we don’t address climate change.’

# Climate Activist Recants

“Britain’s most high-profile environmental group claimed, ‘Climate Change Kills Children.’”

— Michael Shellenberger,  
*Time* magazine’s former “Hero of the Environment”