

# Global Warming

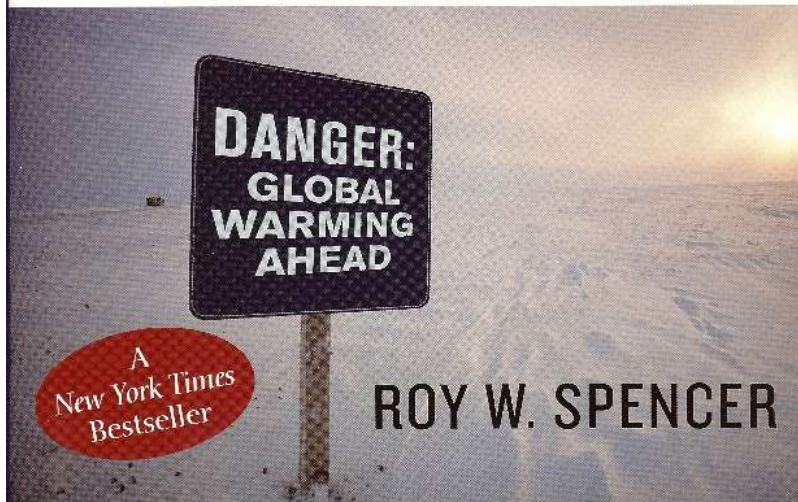
Jason D. Browning  
May 8, 2009

## Talk Outline

- ✓ Some counter evidence for global warming
- ✓ “Climate Confusion” book
- ✓ “The Deniers” book
- ✓ “Unstoppable Global Warming” book

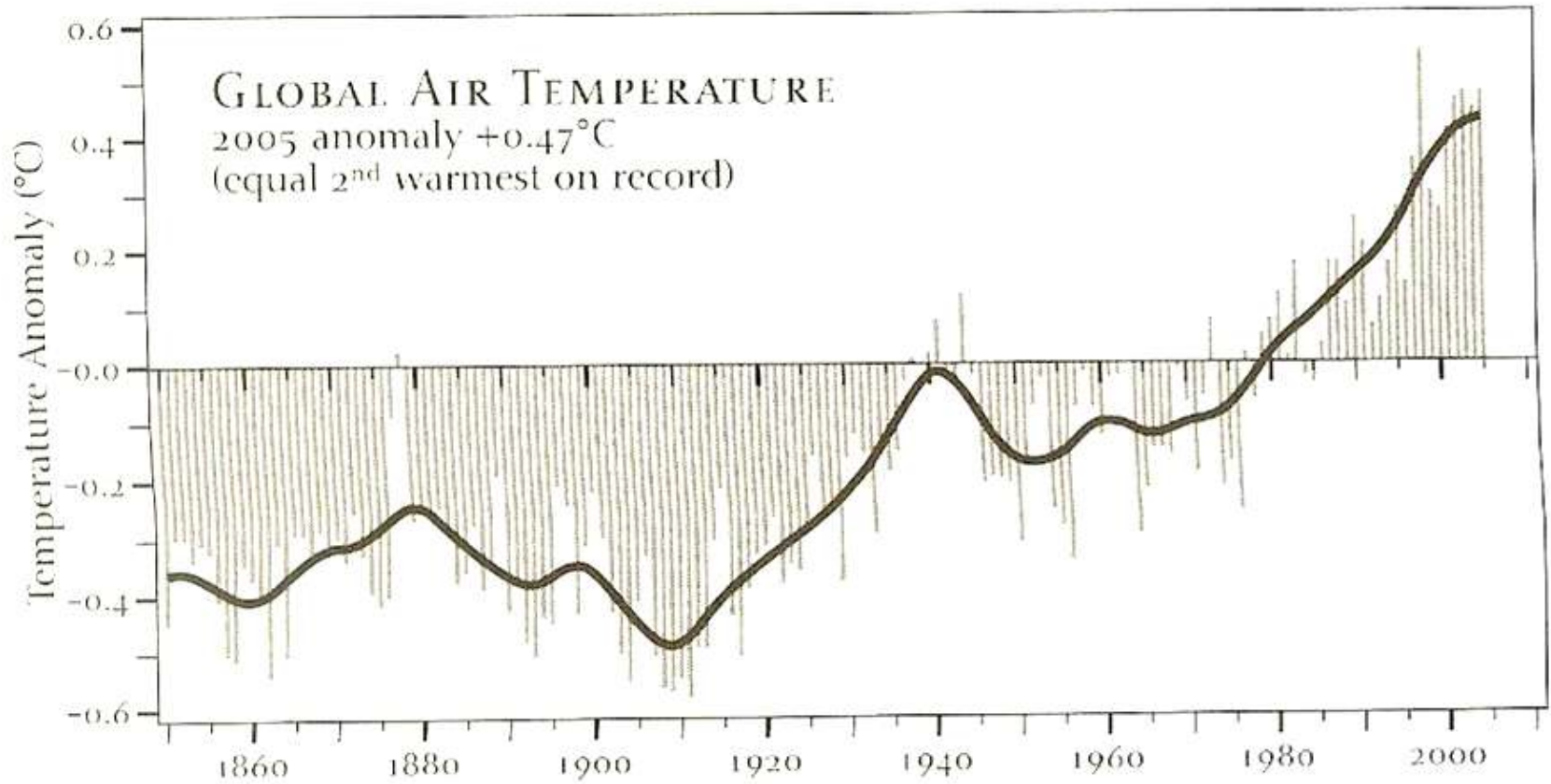
# CLIMATE CONFUSION

HOW GLOBAL WARMING HYSTERIA LEADS TO  
BAD SCIENCE, PANDERING POLITICIANS AND  
MISGUIDED POLICIES THAT HURT THE POOR

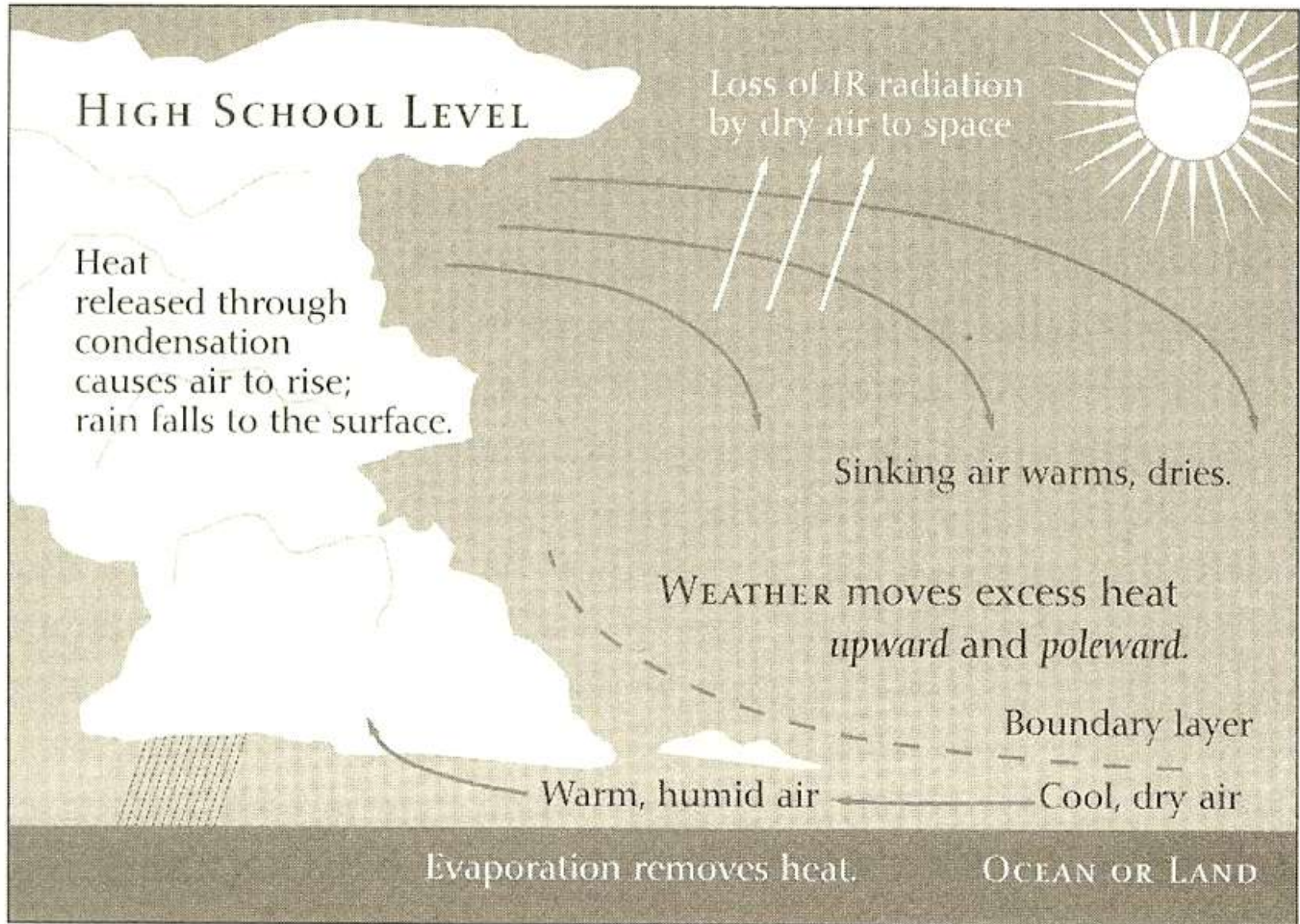


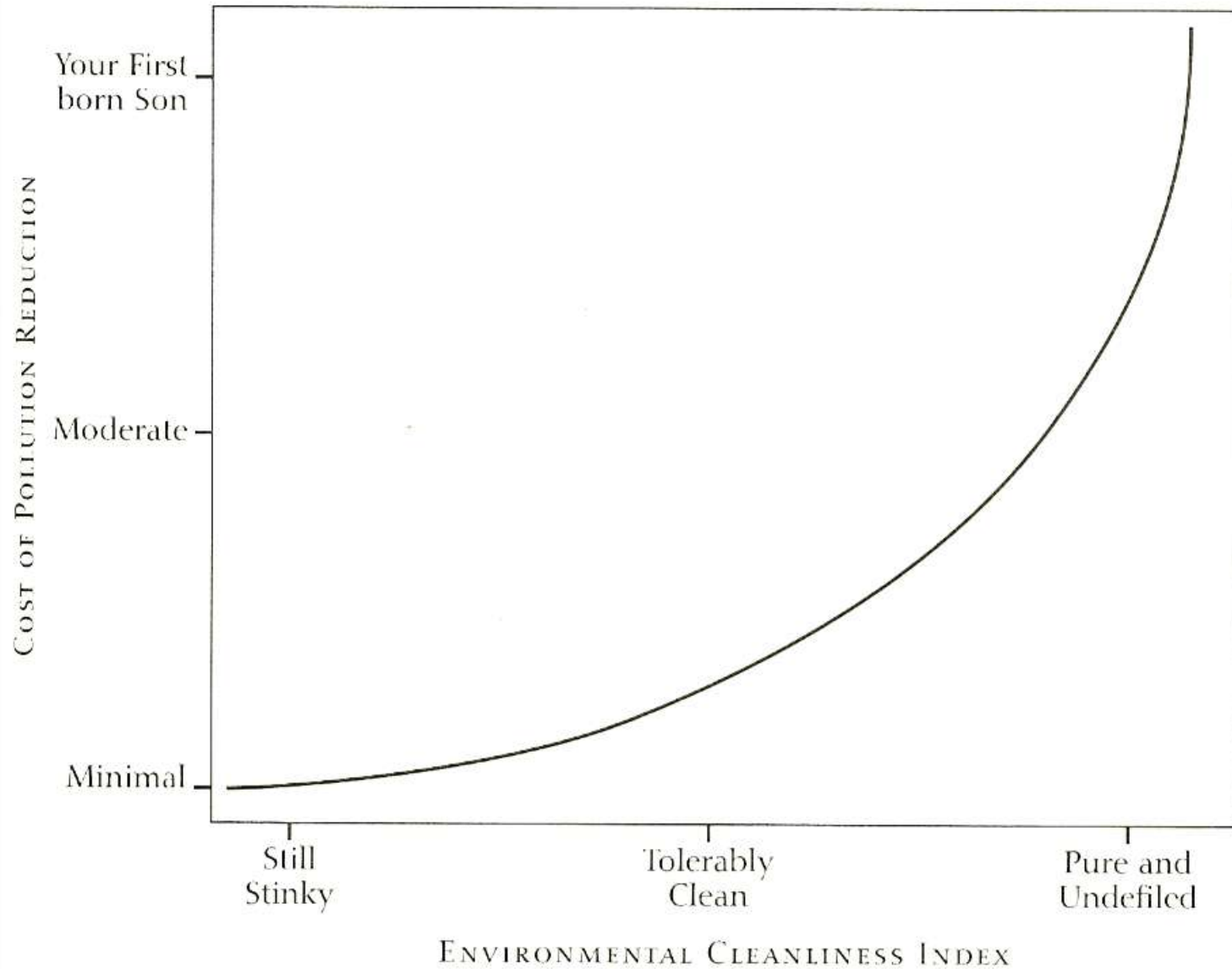
## Main points:

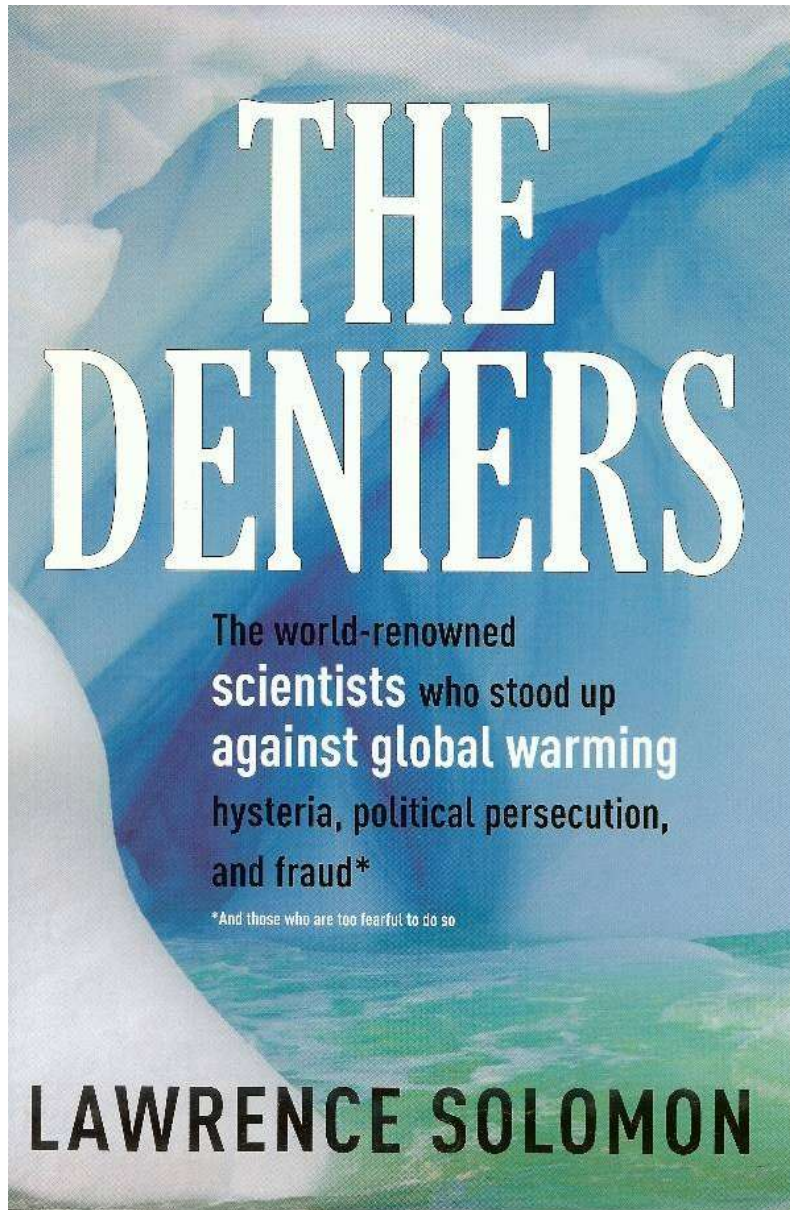
- ✓ Very readable, non-technical
- ✓ Mankind 1% enhancement of natural greenhouse effect
- ✓ CO<sub>2</sub> concentration is very tiny – 38 molecules per 100,000, mankind is add 1 every 5 years
- ✓ The feedback effects of weather and the oceans may compensate
- ✓ Climate modeling is not fully understood, particularly clouds
- ✓ The claim that global warming is due to humans is more a belief system than a scientific observation



# Weather's job is to cool



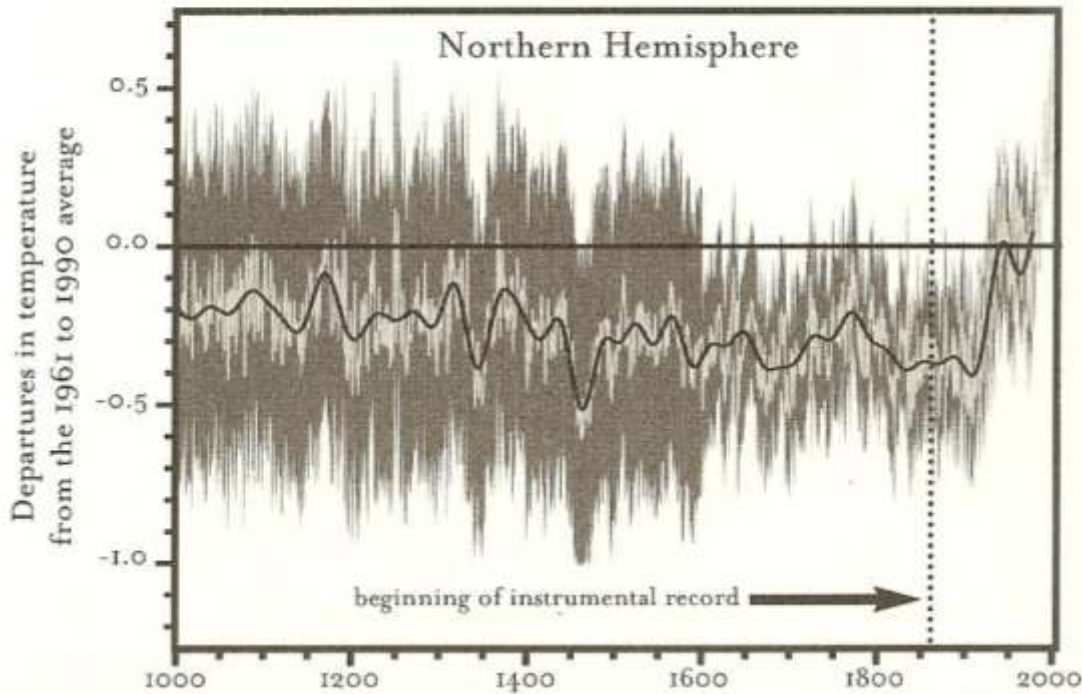




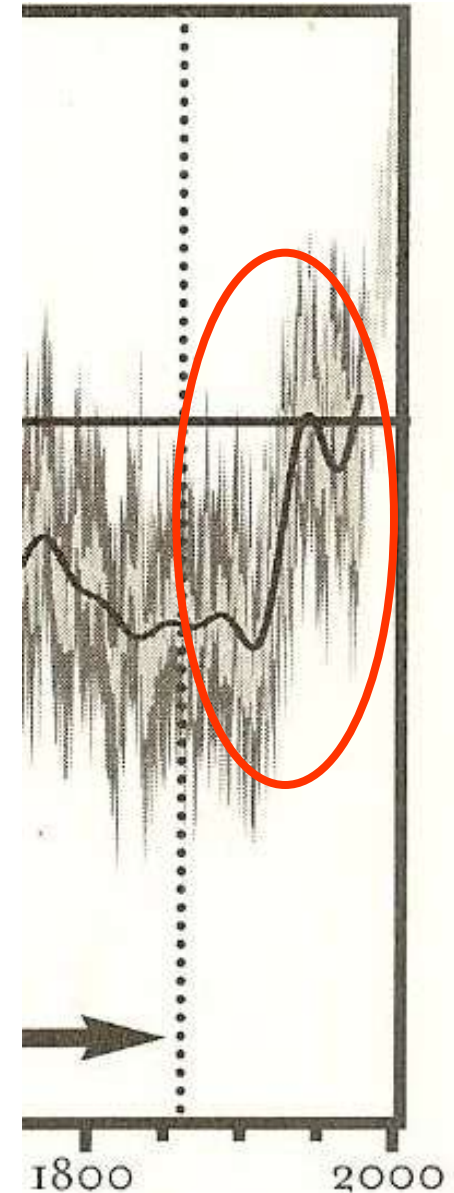
## Main points:

- ✓ Many reputable scientists with excellent qualifications do not agree that global warming science is settled
- ✓ Both sides of the story need to be heard
- ✓ Proposed actions to solve this “problem” could be ill conceived

**The Famous Hockey Stick**  
*"Exhibit A" for Global Warming*



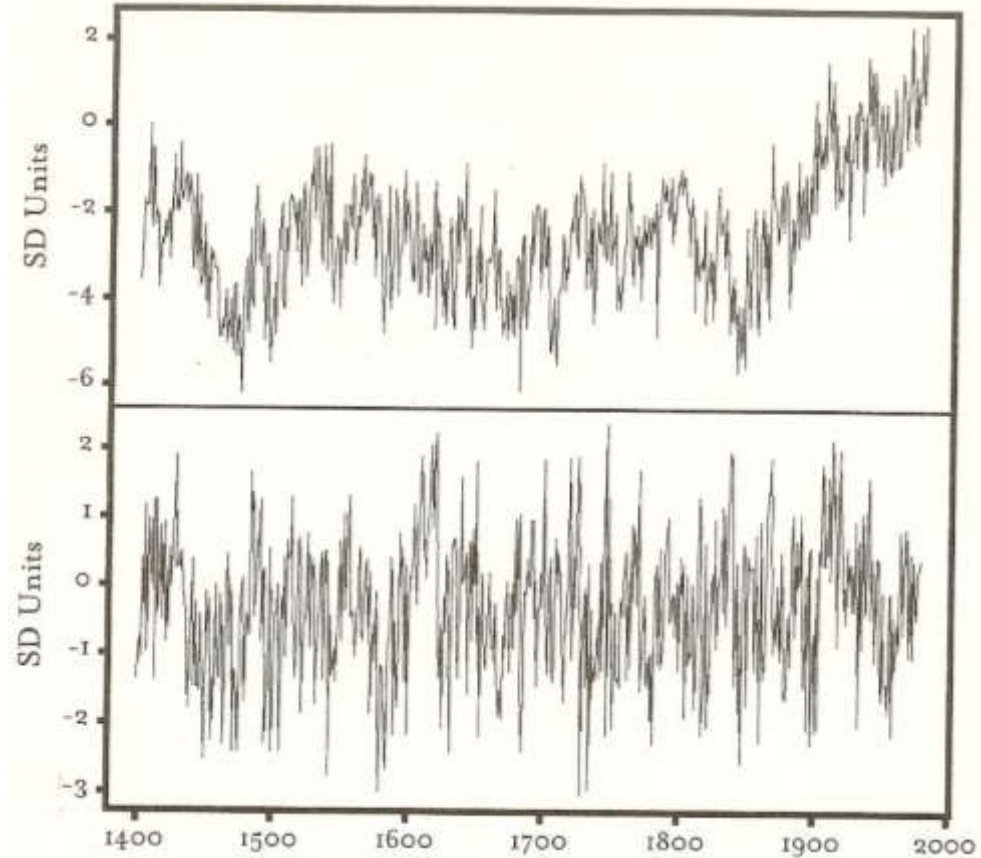
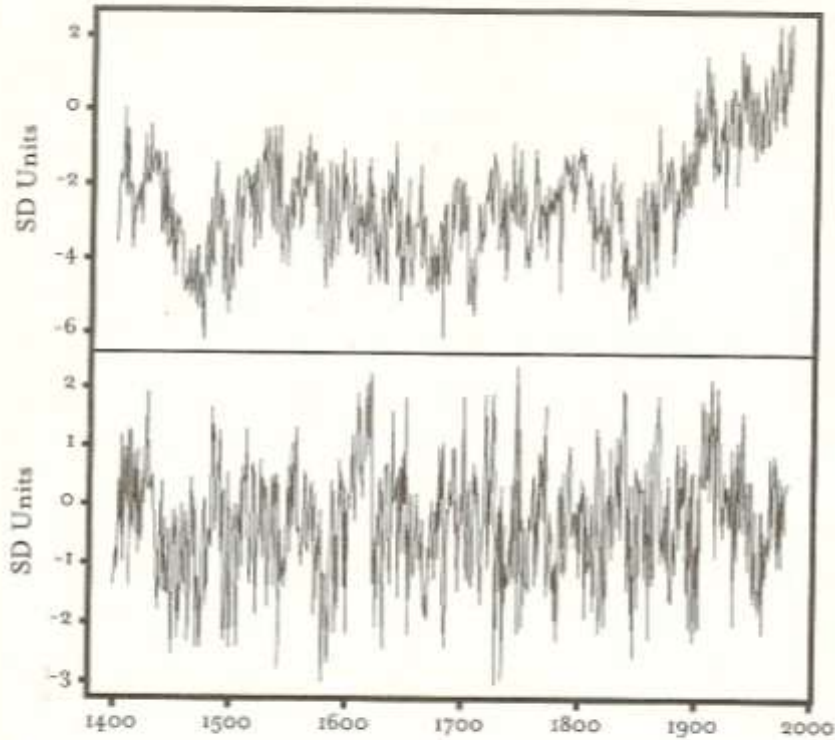
**Figure 1.** The graph shows not actual temperature for the Northern Hemisphere but how much temperatures in a given period deviated from the 1961 to 1990 average. The smooth black line represents a 50-year moving average; the jagged light gray line the annual average; and the dark gray a 95% confidence range. Note that earlier time periods carry great uncertainty. *Source: Summary for Policymakers of the 2001 UN IPCC report, p.3. See: <http://www.ipcc.ch/pdf/climate-changes-2001/scientific-basis/scientific-spm-en.pdf>.*





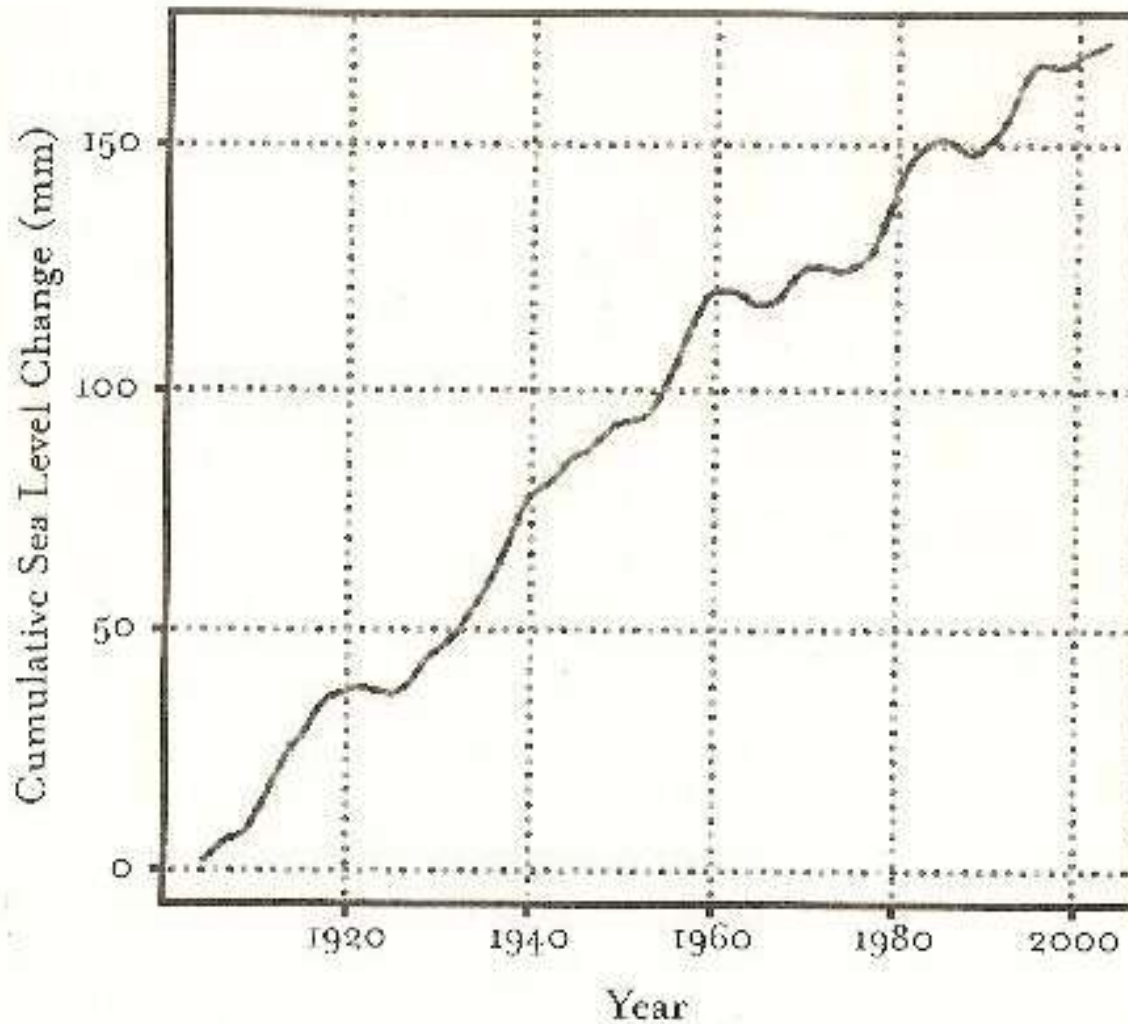
THE DENIERS

The Hockey Stick Appears or Disappears Depending on the Statistical Methods Employed



**Figure 3.** The top graph portrays how Mann's methodology evokes the hockey stick from the tree-ring proxy data. The lower graph shows what happens using the methodology advocated by McIntyre and backed by the Wegman committee and reviewers. Adapted from Edward J. Wegman, David W. Scott, and Yasmin H. Said, "Ad Hoc Committee Report on the 'Hockey Stick' Global Climate Reconstruction," p. 32 (presented to the U.S. House of Representatives Committee on Energy and Commerce, July 14, 2006). See: [http://www.climateaudit.org/pdf/others/07142006\\_Wegman\\_Report.pdf](http://www.climateaudit.org/pdf/others/07142006_Wegman_Report.pdf).

Gradual sea level rise appears to begin too early to be explained by human-caused global warming

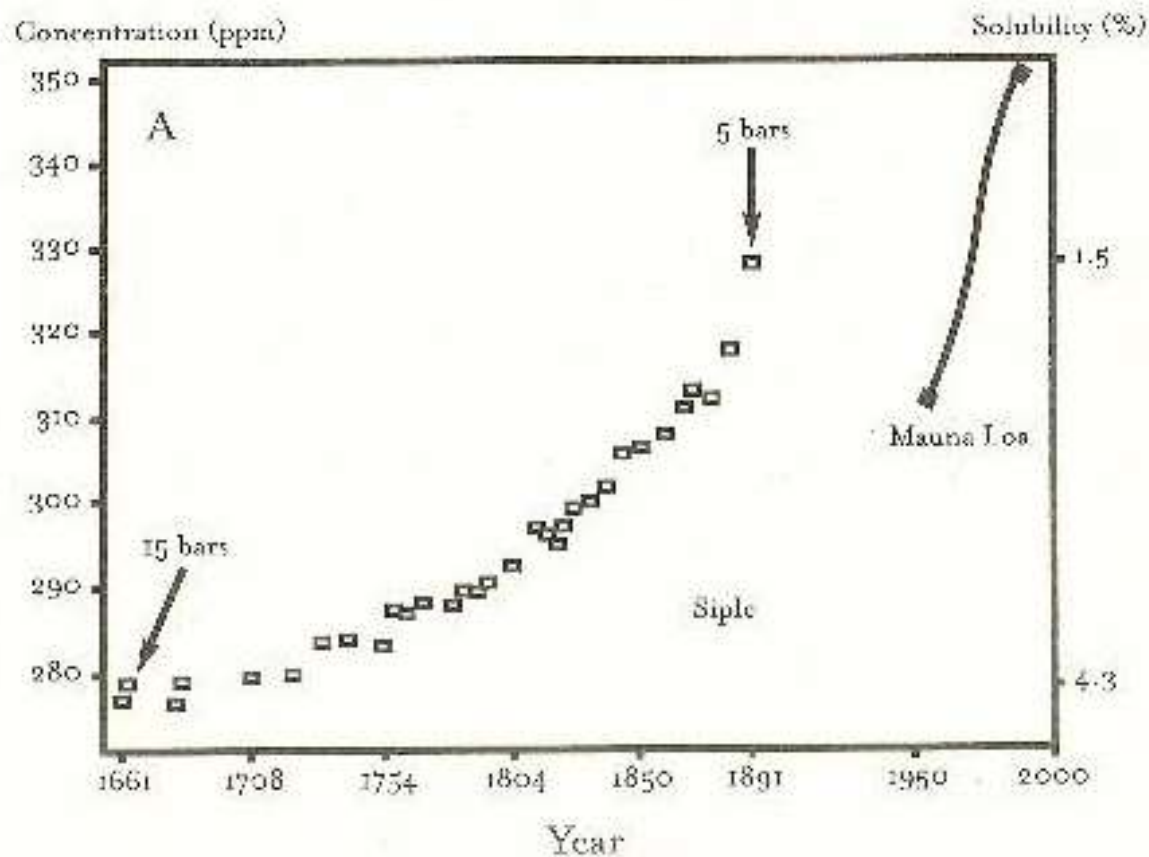


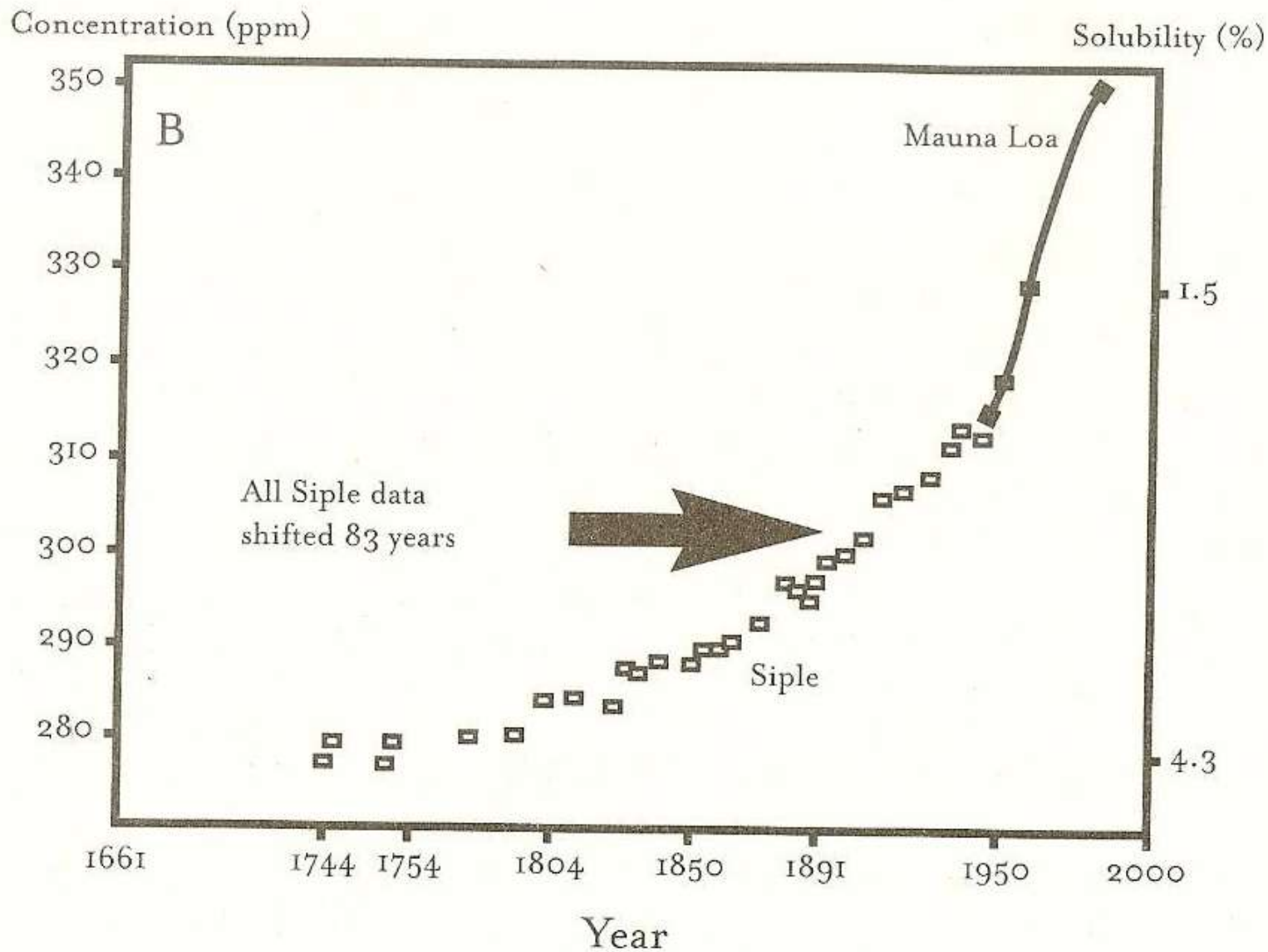
More than three-dozen studies contradict  
UN-IPCC's claim that increased CO2  
persists in the atmosphere long term

<u>AUTHORS [publication year]</u>	<u>RESIDENCE TIME (years)</u>
IPCC estimate [2007] .....	50-200
<b>BASED ON NATURAL CARBON-14</b>	
Craig [1957] .....	7 +/- 3
Revelle & Suess [1957] .....	7
Arnold & Anderson [1957] .....	10
<i>including living and dead biosphere</i>	
(Siegenthaler, 1989) .....	4-9
Craig [1958] .....	7 +/- 5
Bolin & Eriksson [1959] .....	5
Broecker [1963],	
re-calculated by Broecker & Peng [1974] .....	8
Craig [1963] .....	5-15
Keeling [1973b] .....	7
Broecker [1974] .....	9.2
Oeschger et al. [1975] .....	6-9
Keeling [1979] .....	7-53
Peng et al. [1979] .....	7.6 (5.5-9.4)
Siegenthaler et al. [1980] .....	7.5
Lal & Suess [1983] .....	3-25

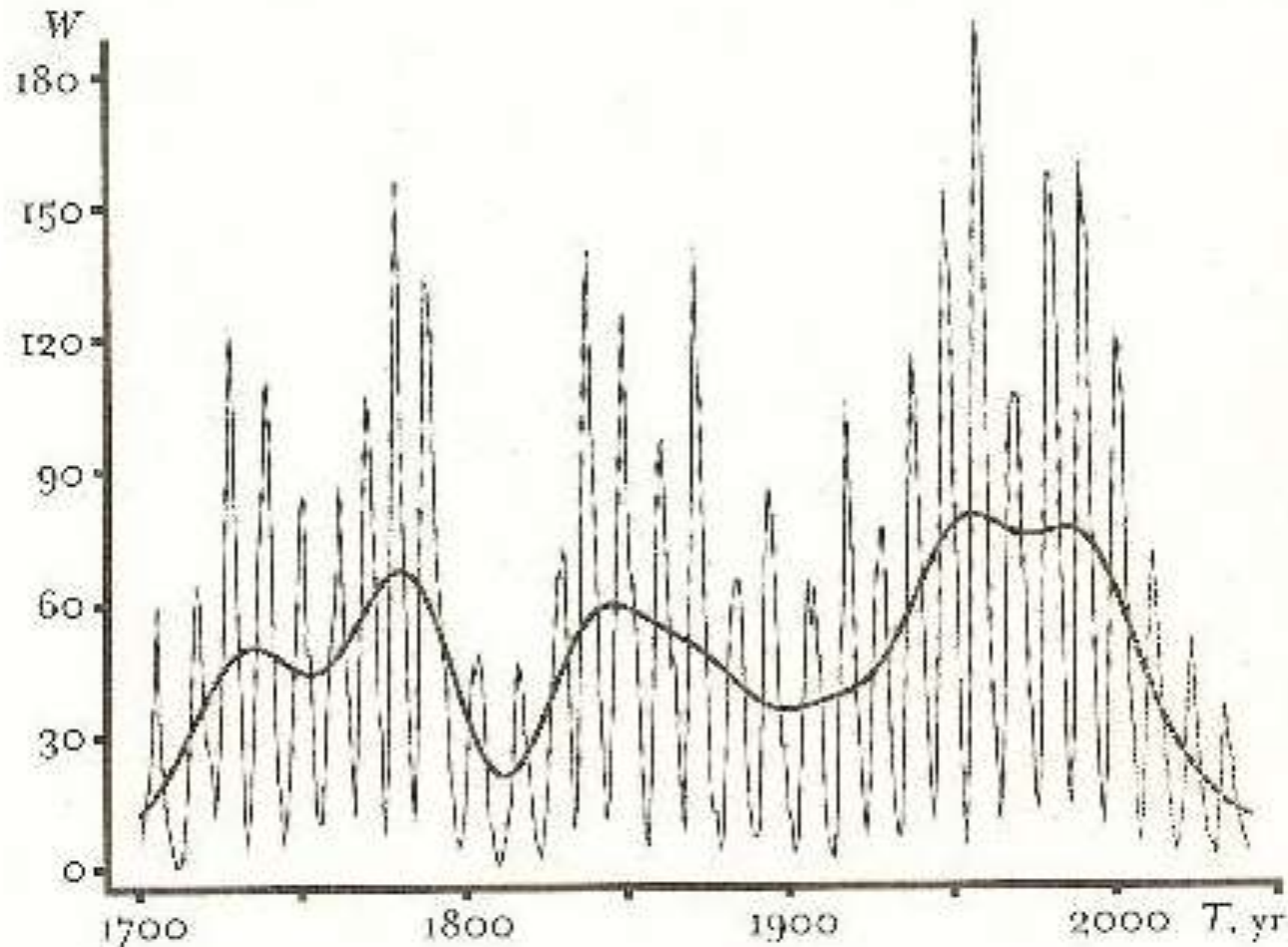
## How to make the data fit the theory

**Figure 1A and B.** Concentration of CO<sub>2</sub> in air bubbles from the pre-industrial ice from Siple, Antarctica, (open squares), and in the 1958–1986 atmosphere at Mauna Loa, Hawaii (solid line):





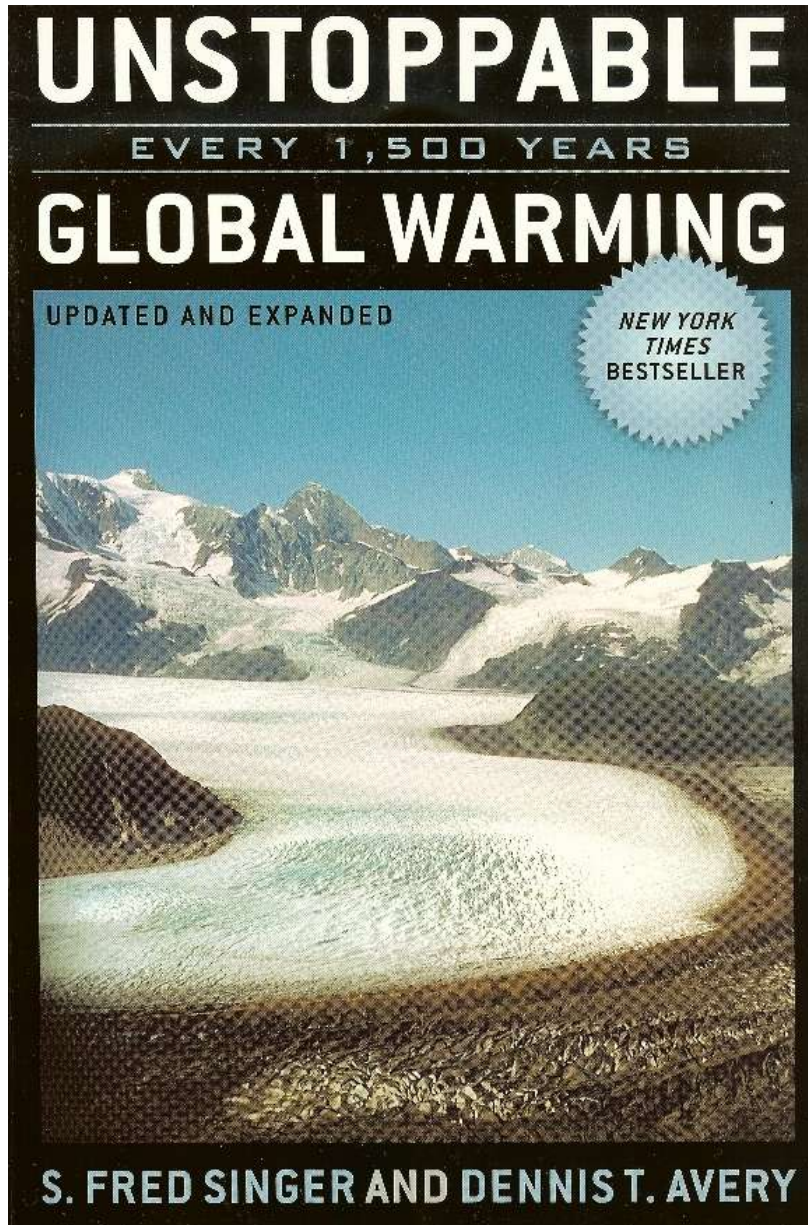
Solar activity is consistent with global temperature change, assuming climatic "inertia," driven by oceans



No increase in named storms, hurricanes, or intense hurricanes making U.S. landfall during last 50 years

YEARS	Named Storms	Hurricanes	Intense Hurricanes (Cat 3-4-5)	Global Temperature Increase
1900-1949 (50 years)	189	101	39	+0.4°C
1956-2005 (50 years)	165	83	34	

**Figure 1.** U.S. landfalling tropical cyclones by intensity during two 50-year periods. *Adapted from* Philip J. Klotzbach and William M. Gray with special assistance from William Thorson, “Summary of 2007 Atlantic Tropical Cyclone Activity and Verification of Author’s Seasonal and Monthly Forecasts,” Department of Atmospheric Science, Colorado State University, November 27, 2007, p. 46, table 15. See: <http://typhoon.atmos.colostate.edu/forecasts/2007/nov2007/nov2007.pdf>.



## Main points:

- ✓ Earth has natural cycles of warming and cooling
- ✓ We should be more alarmed about possible future global cooling
- ✓ Climate modeling is incomplete science



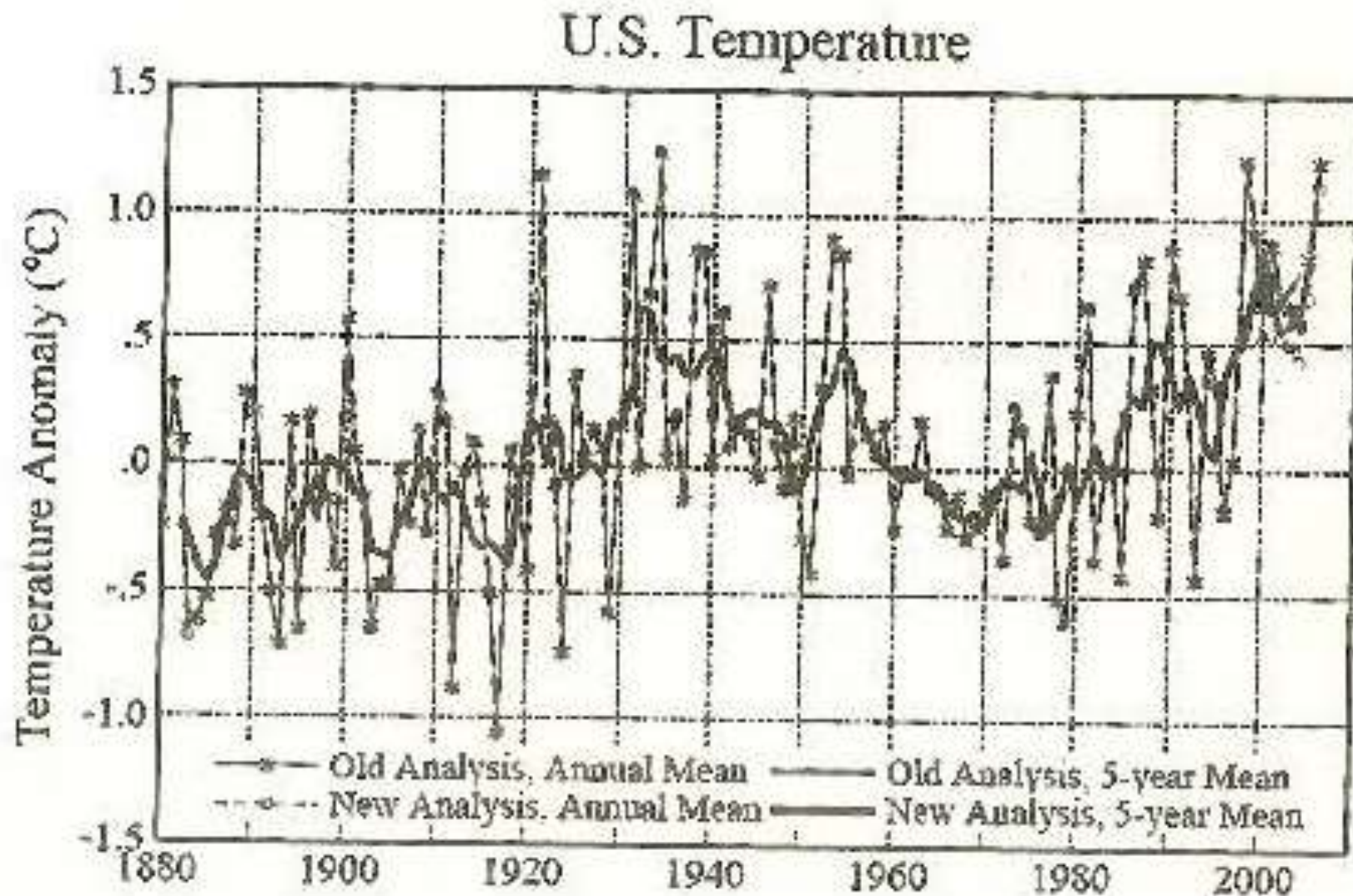
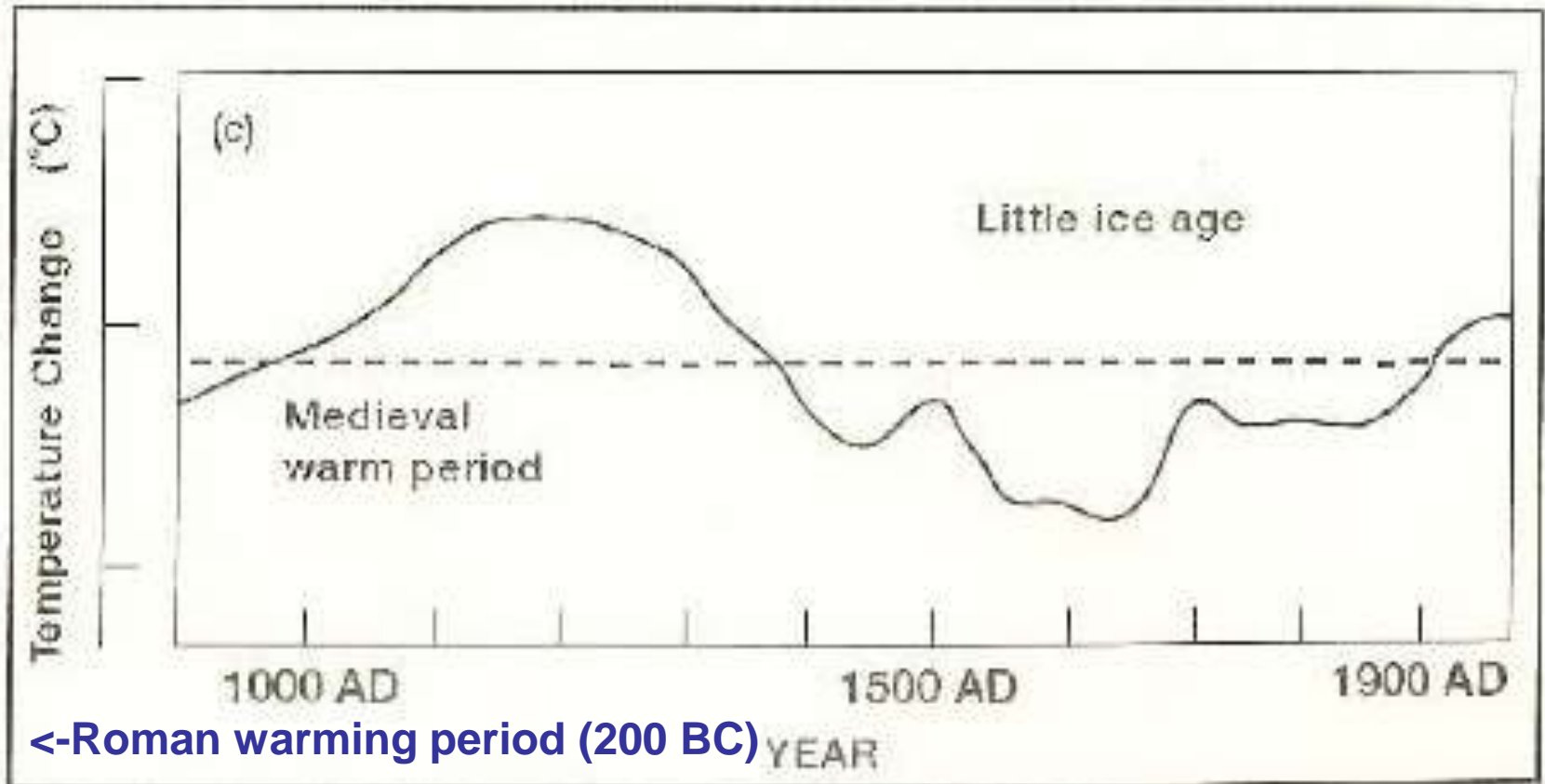


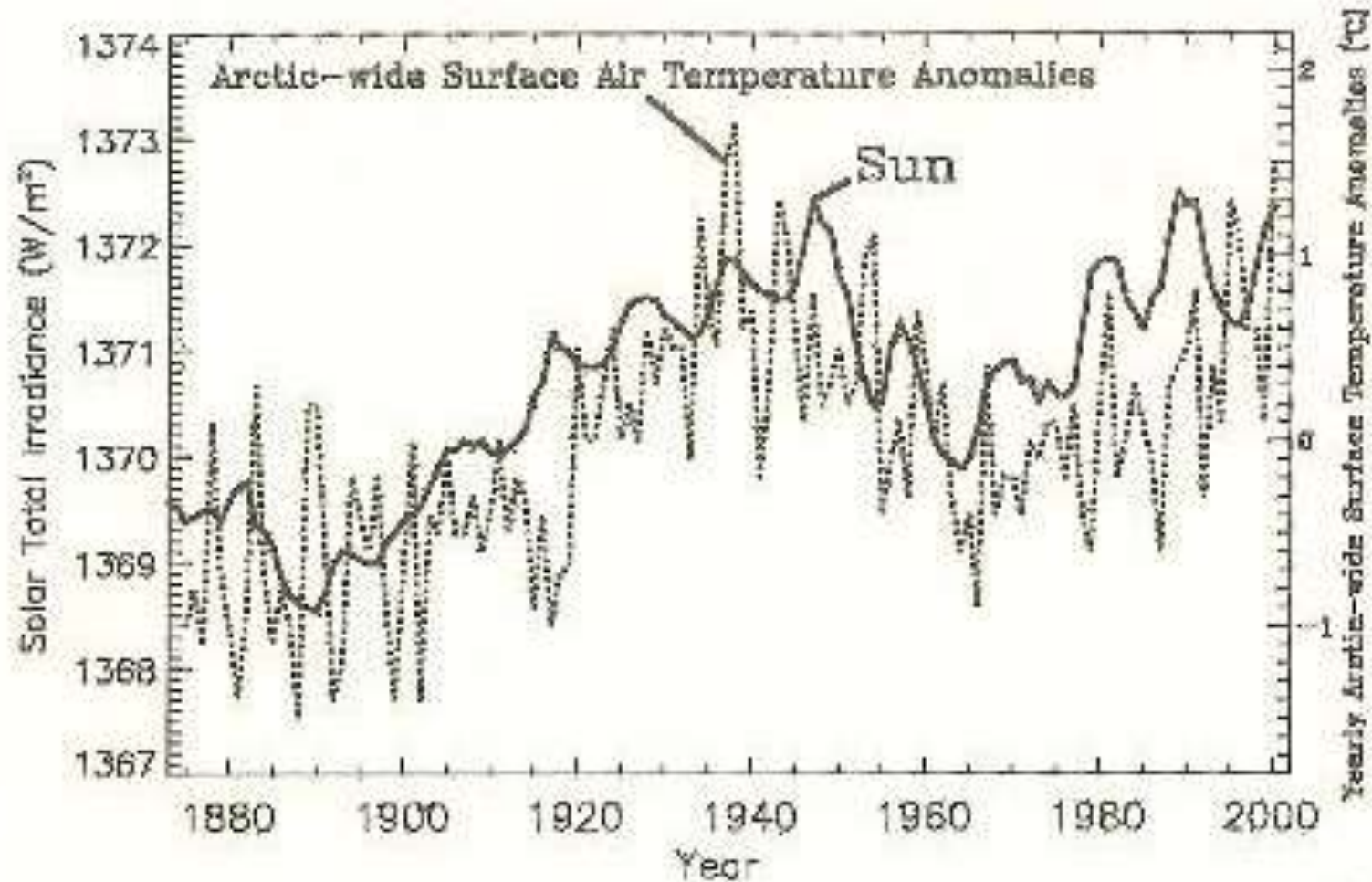
Figure P.2: The Last 1,000 Years of Earth Temperatures from Tree Rings, Ice Cores, and Thermometers



<-Roman warming period (200 BC)

Dark Ages global cooling

Figure 2.1 Arctic Temperatures Correlate with Solar Activity, Not CO<sup>2</sup>



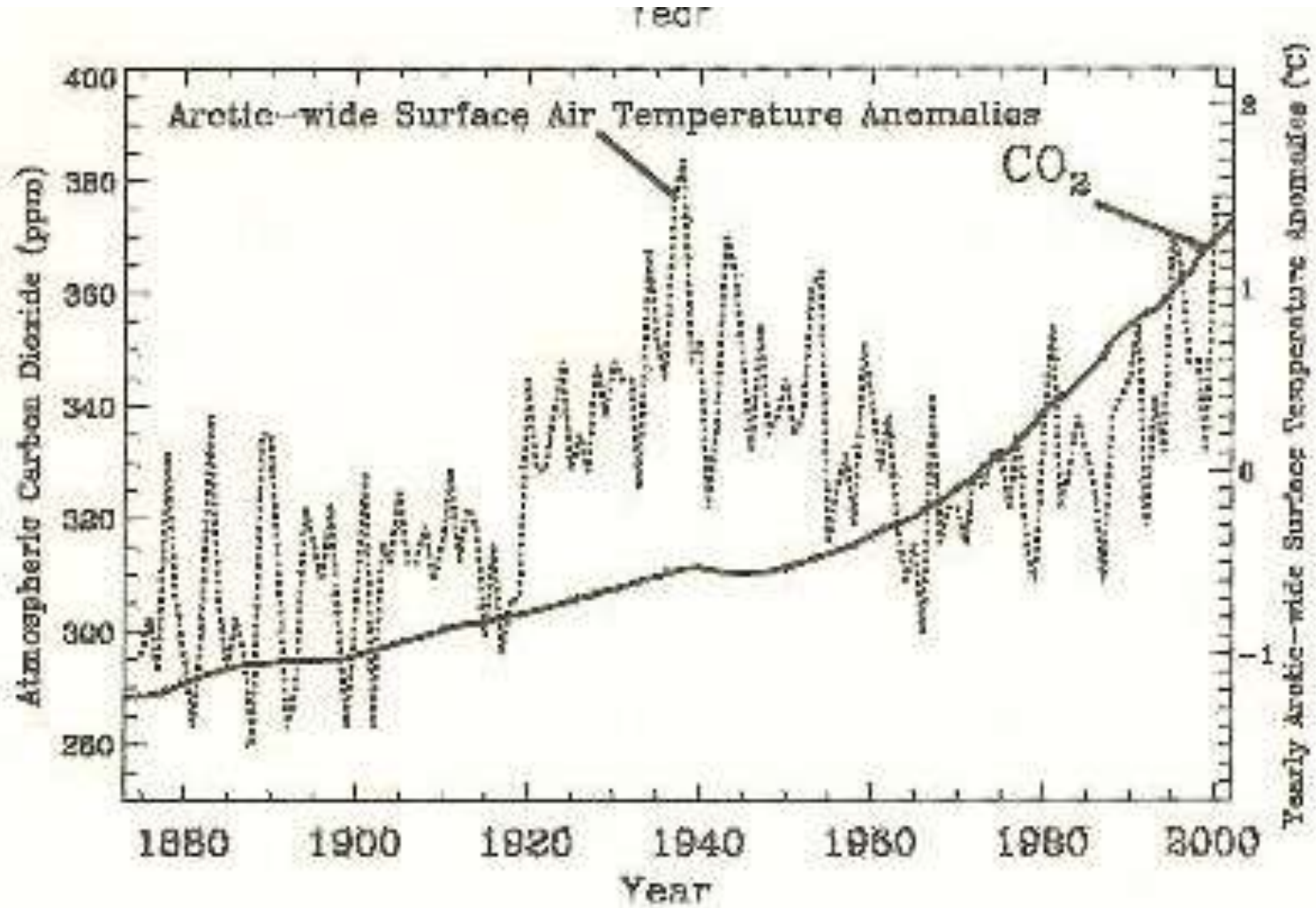


Figure 4.1: 2,000 Years of Chinese Temperature History

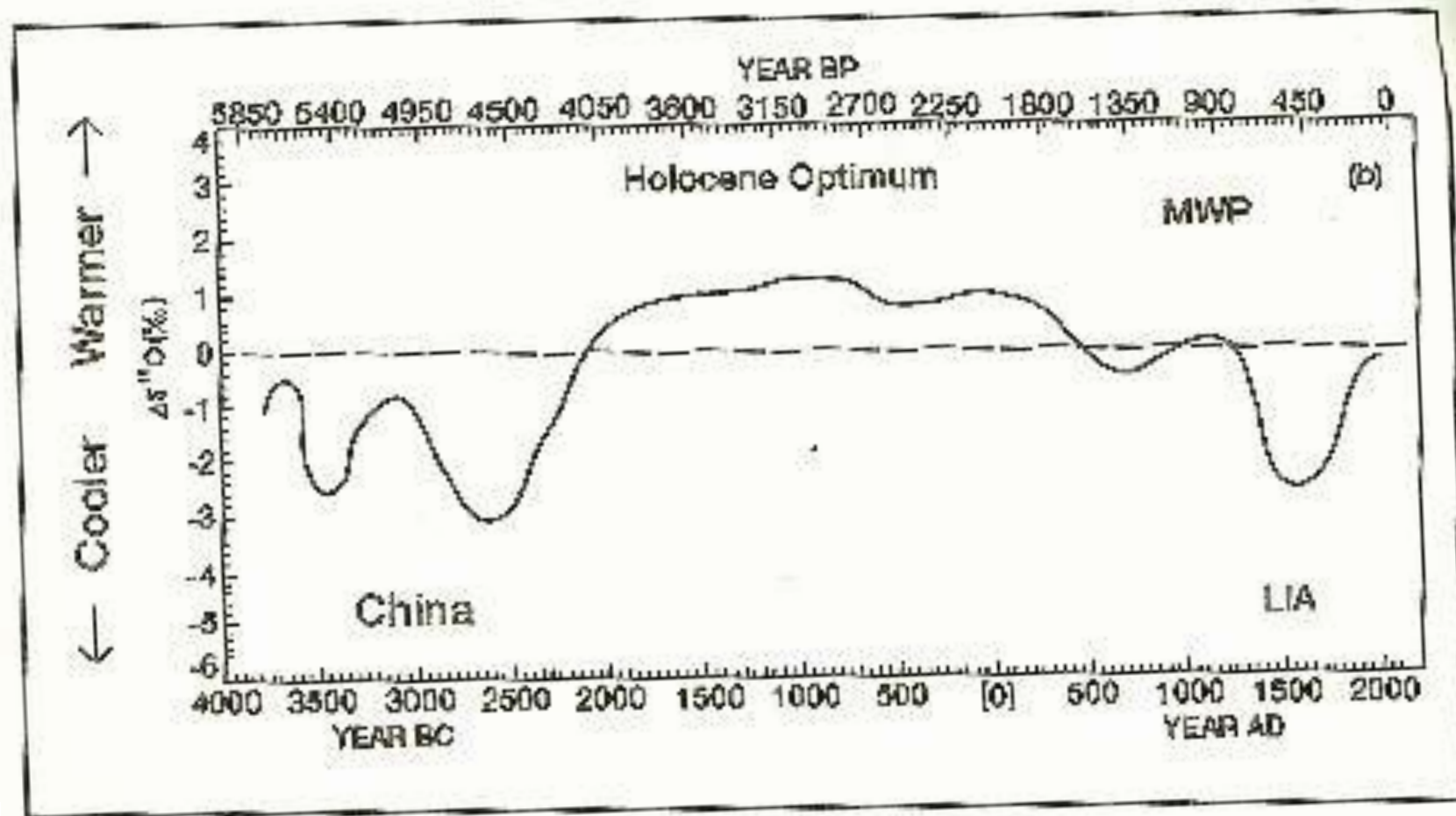


Figure 4.3: 2,000 Years of Siberian Temperature History

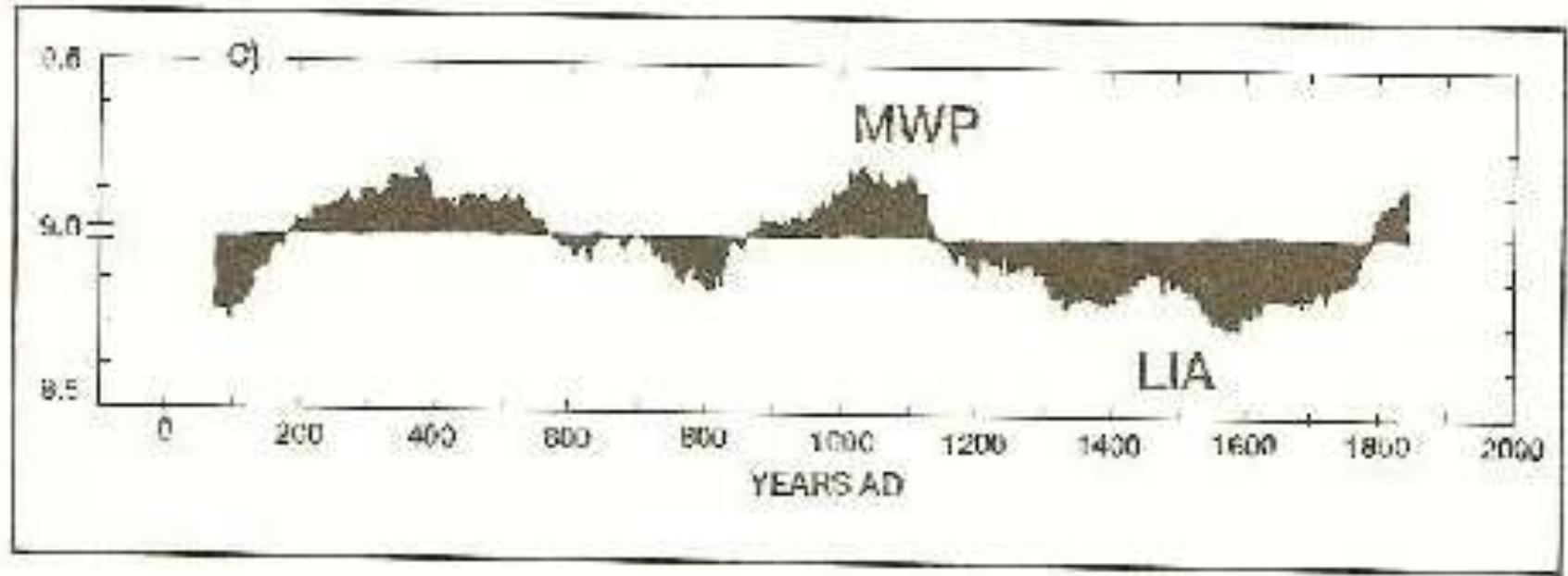


Figure 6.1: The Last 1,000 Years of Earth Temperatures from Tree Rings, Ice Cores, and Thermometers

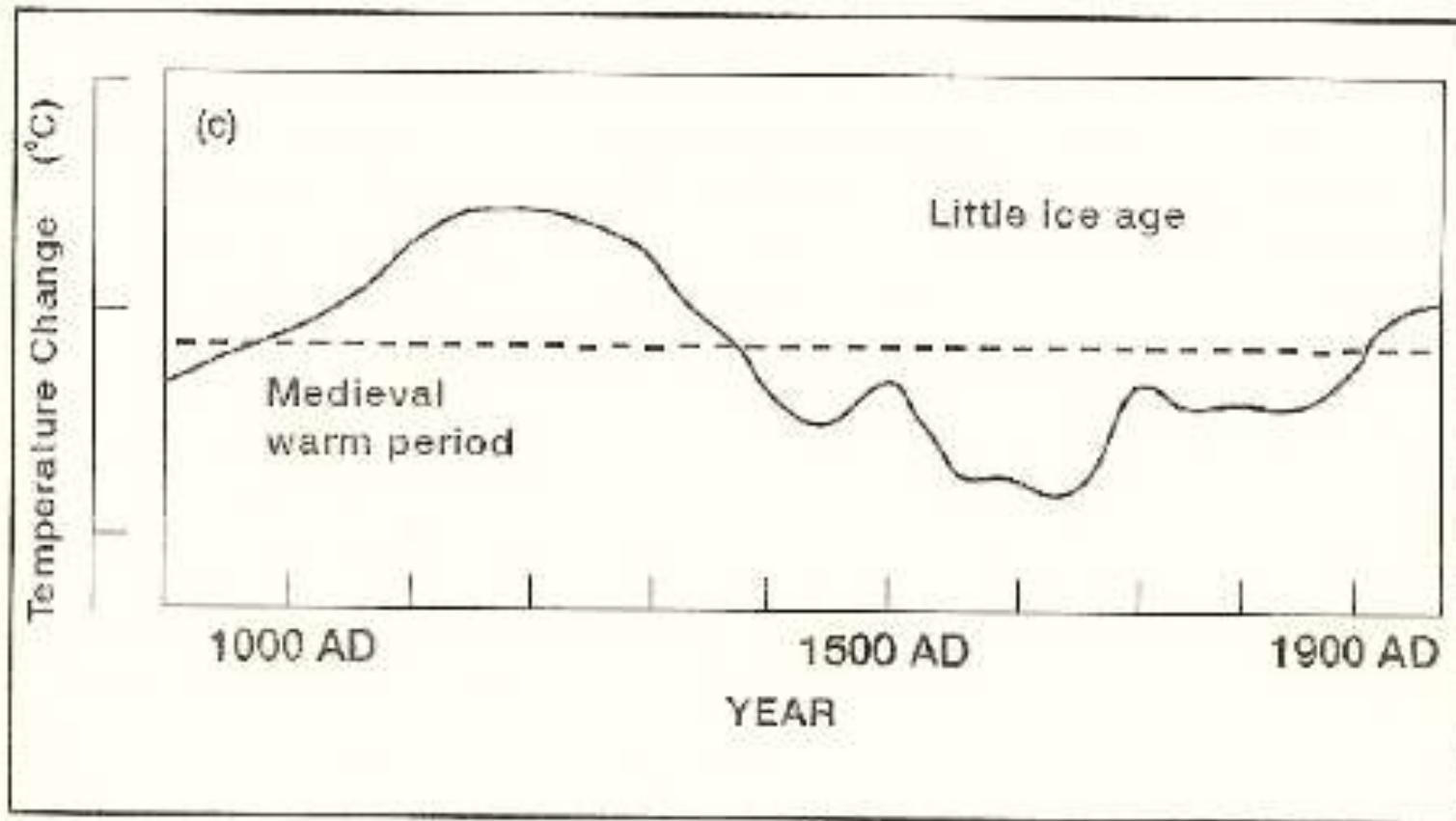


Figure 22, *Climate Change 1995*, Intergovernmental Panel on Climate Change

- ✓ Become educated on both sides of the issue
- ✓ Do not be alarmed
- ✓ Nuclear, clean coal, hydrogen, solar, wind, bio-fuels are good solutions for long-term sustainability of our energy needs