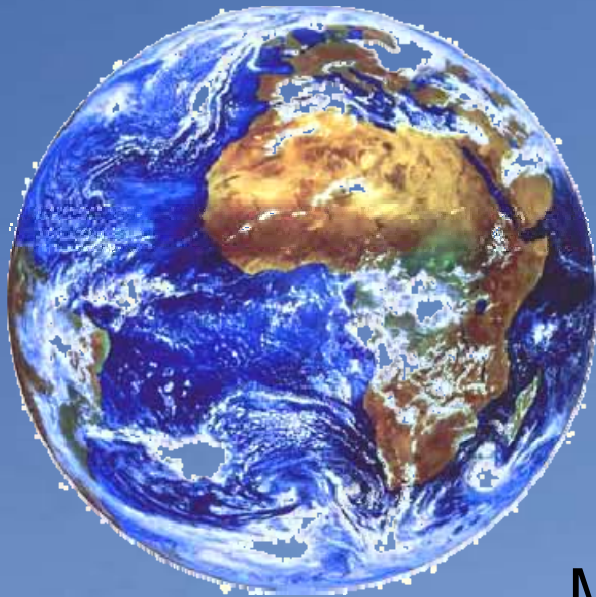


“A Cool Look at Global Warming”

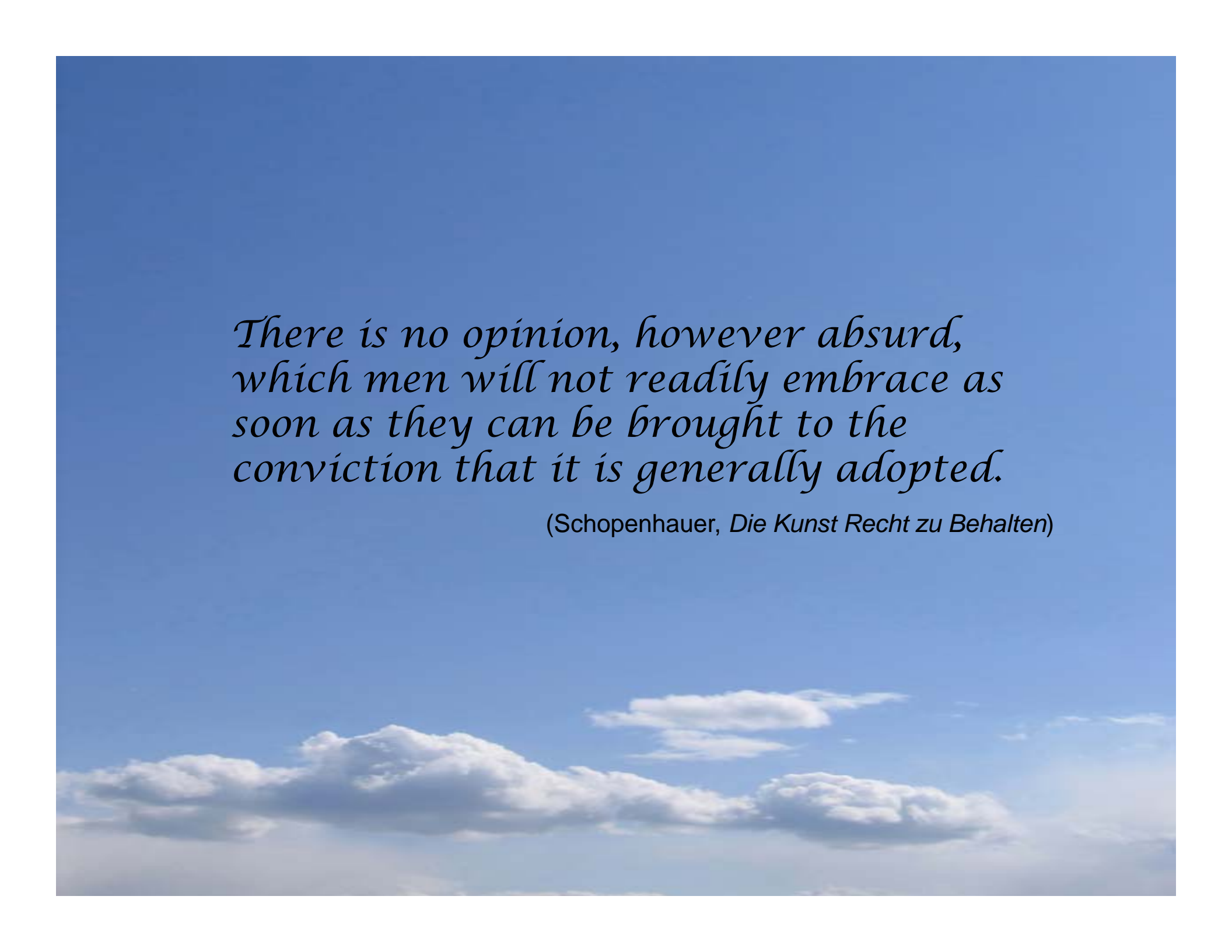


Presentation to the
Balgowlah Probus Club

Philip R. Wood
Managing Director & CEO, Intec Ltd

12 June 2009

Balgowlah RSL Memorial Club



*There is no opinion, however absurd,
which men will not readily embrace as
soon as they can be brought to the
conviction that it is generally adopted.*

(Schopenhauer, *Die Kunst Recht zu Behalten*)

Facts that we can all agree upon:

(global warming advocates and sceptics alike)

Carbon Dioxide (CO₂) is:

1. Naturally occurring
2. Invisible
3. Odourless
4. Non-toxic
5. Necessary for all plant life (photosynthesis)
6. Emitted by all animal life (breathing etc.)



So why is CO₂ called a “pollutant”?

Answer:

Supposedly because it is a “greenhouse gas” - even though greenhouse gases make Planet Earth liveable(+14°C average global temperature, rather than -19°C otherwise)



Greenhouse gases, in order of importance, comprise:

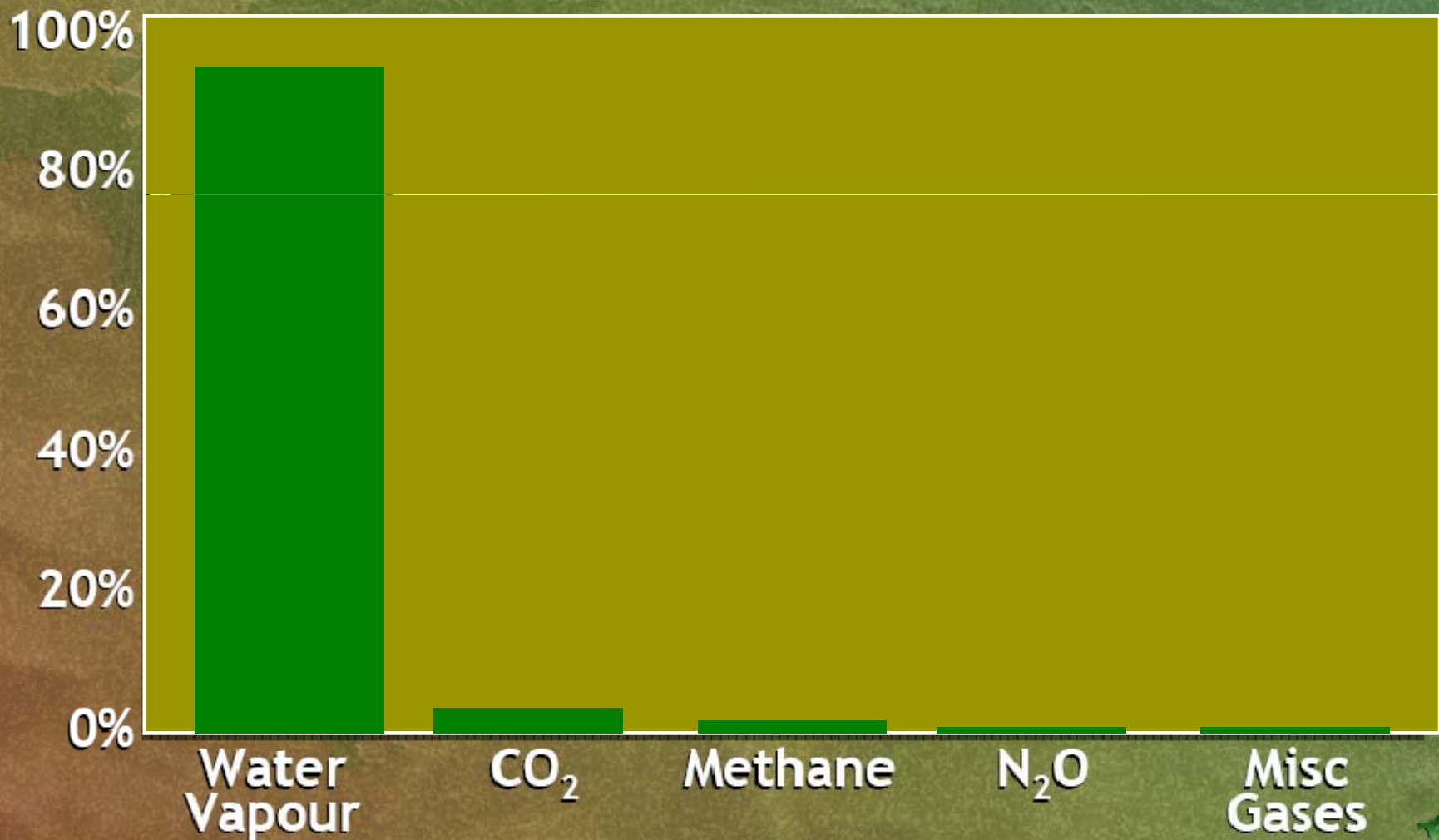
Water vapour	97%
Carbon Dioxide	2%
Methane, Nitrous Oxide, etc.	1%

So along with your exhaled breath (CO_2), fluffy rain clouds (H_2O) and cow belches (CH_4) are also villainous “pollutants”!





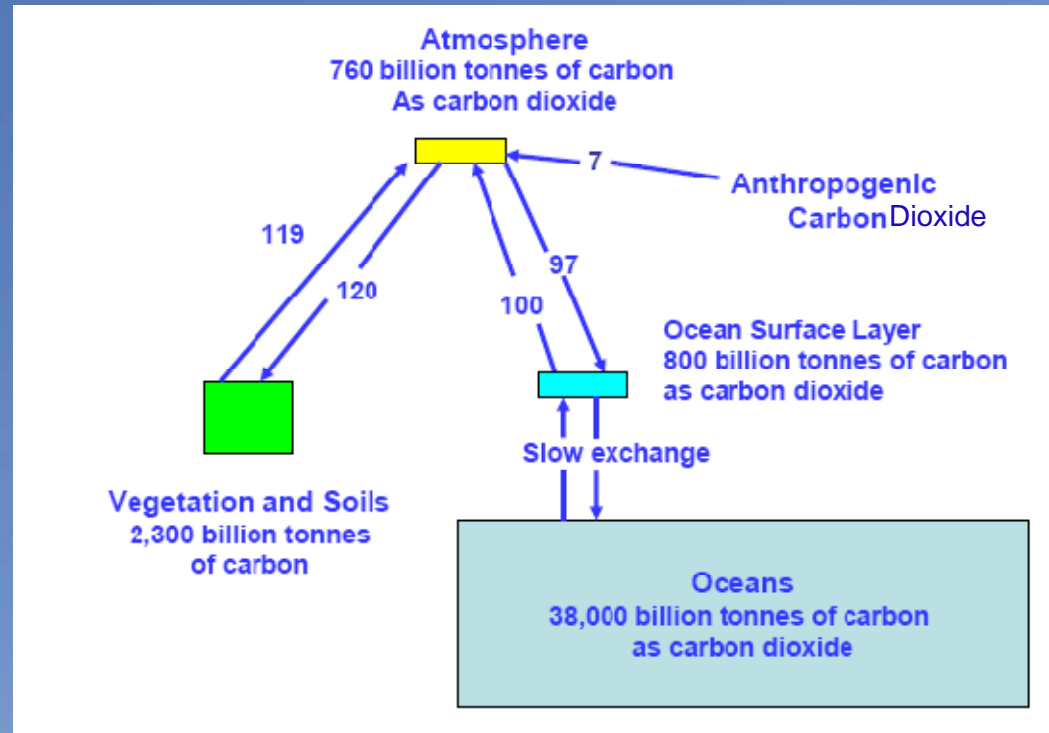
Water: Main greenhouse gas
CO₂: Insignificant greenhouse gas



Humankind currently contributes 3% of the Earth's annual emissions of CO₂ into the atmosphere.

The 97% balance of emissions is split between vegetation and soils (53%) and the oceans (44%).

Carbon Dioxide Cycle



Annual Carbon Cycle between the Oceans, Vegetation and Soils, Humankind and the Atmosphere

Australia contributes 1.5% of global anthropogenic emissions.

The 'base case' of the Rudd Government's Emissions Trading Scheme plans to reduce Australia's emissions by 5% by 2020.



The Australian Government's oxymoronically-named "Carbon Pollution Reduction Scheme" will therefore have the following annual impact on the world's greenhouse effect:

$$100\% \times 2\% \times 3\% \times 1.5\% \times 5\% = 0.000045 \%$$



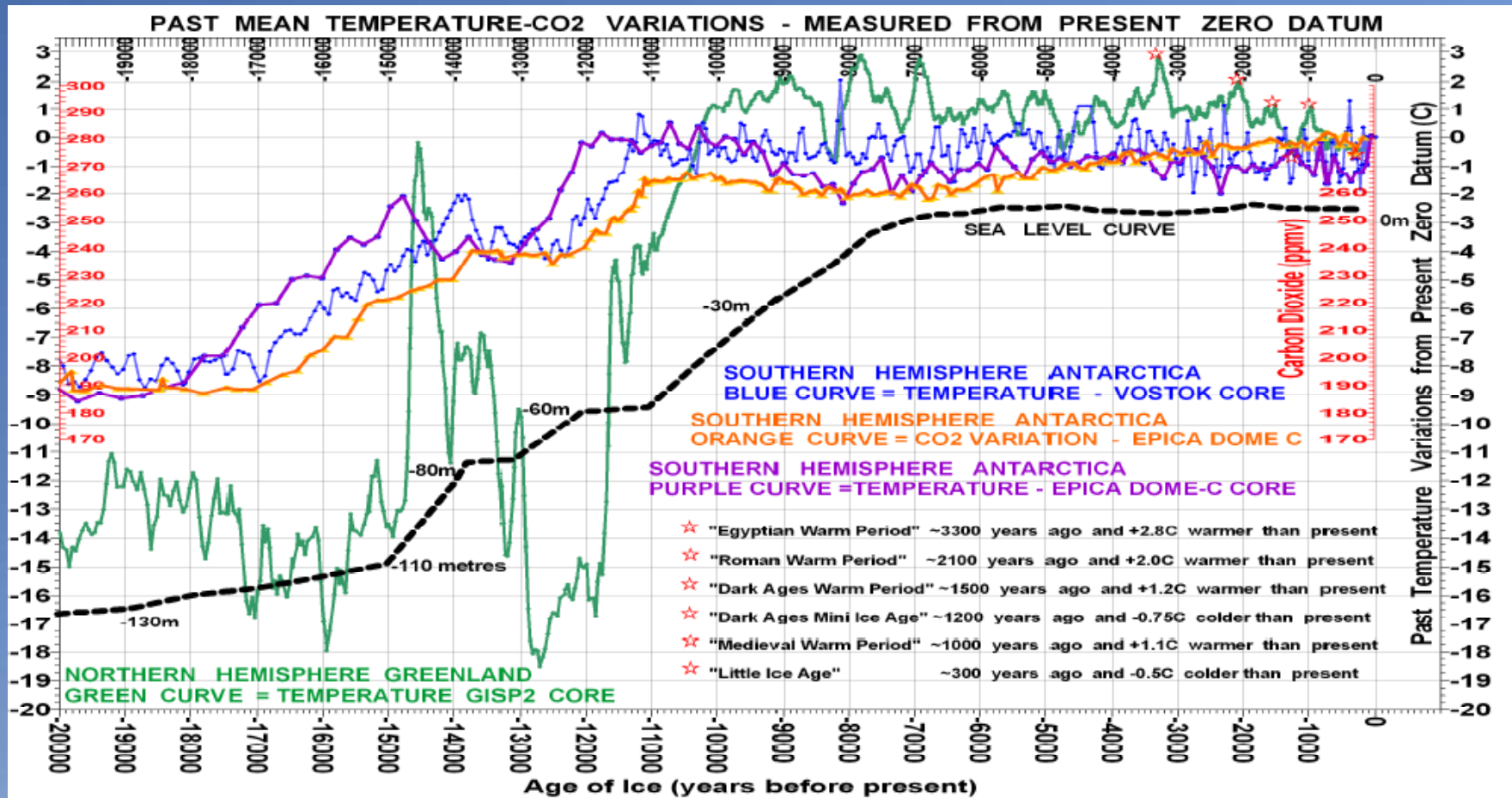
or about a 2.2 millionth!

(Equal to one footstep in a walk around the equator!)

So, to justify this huge national effort for effectively nil outcome, carbon dioxide must be the real villain of 'catastrophic' Global Warming:

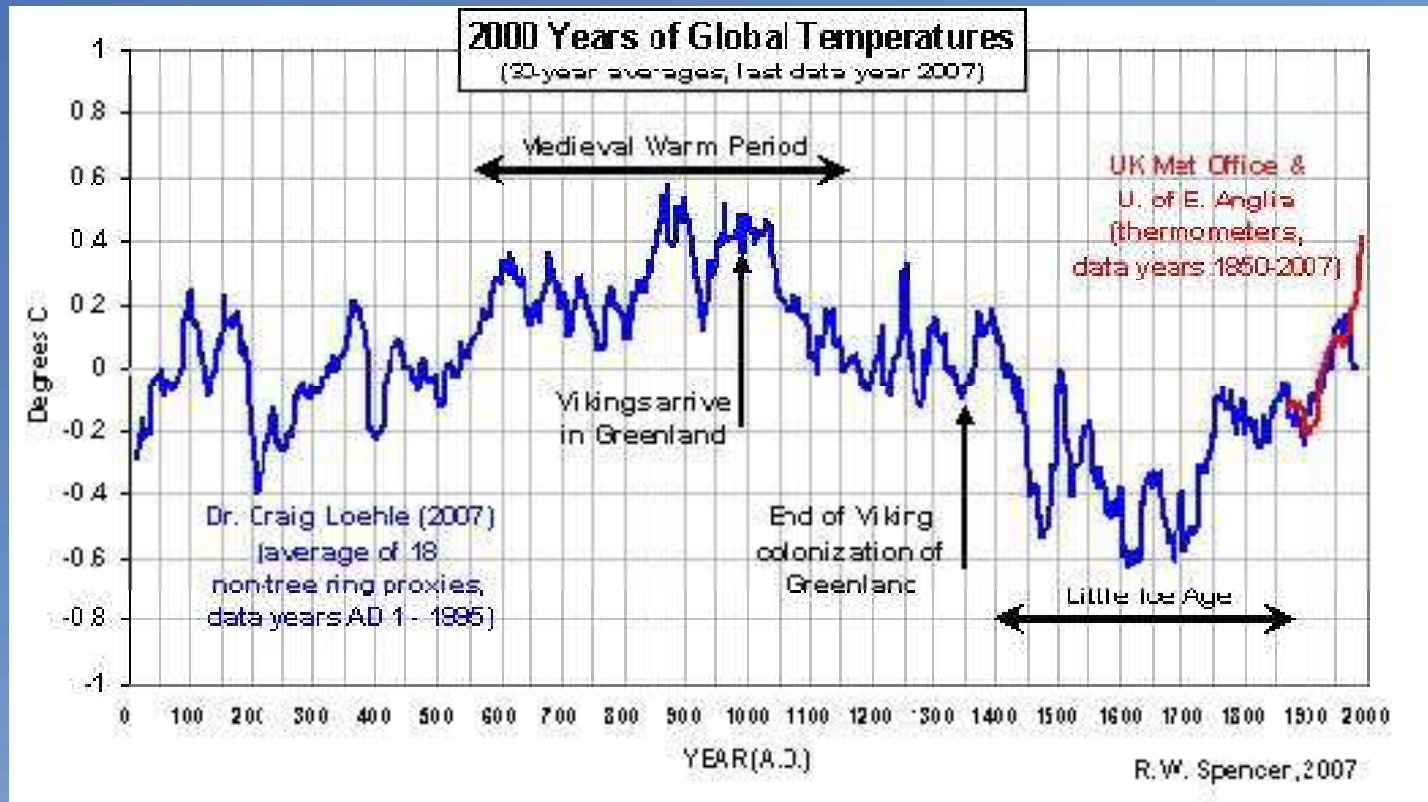
Right?

Wrong!



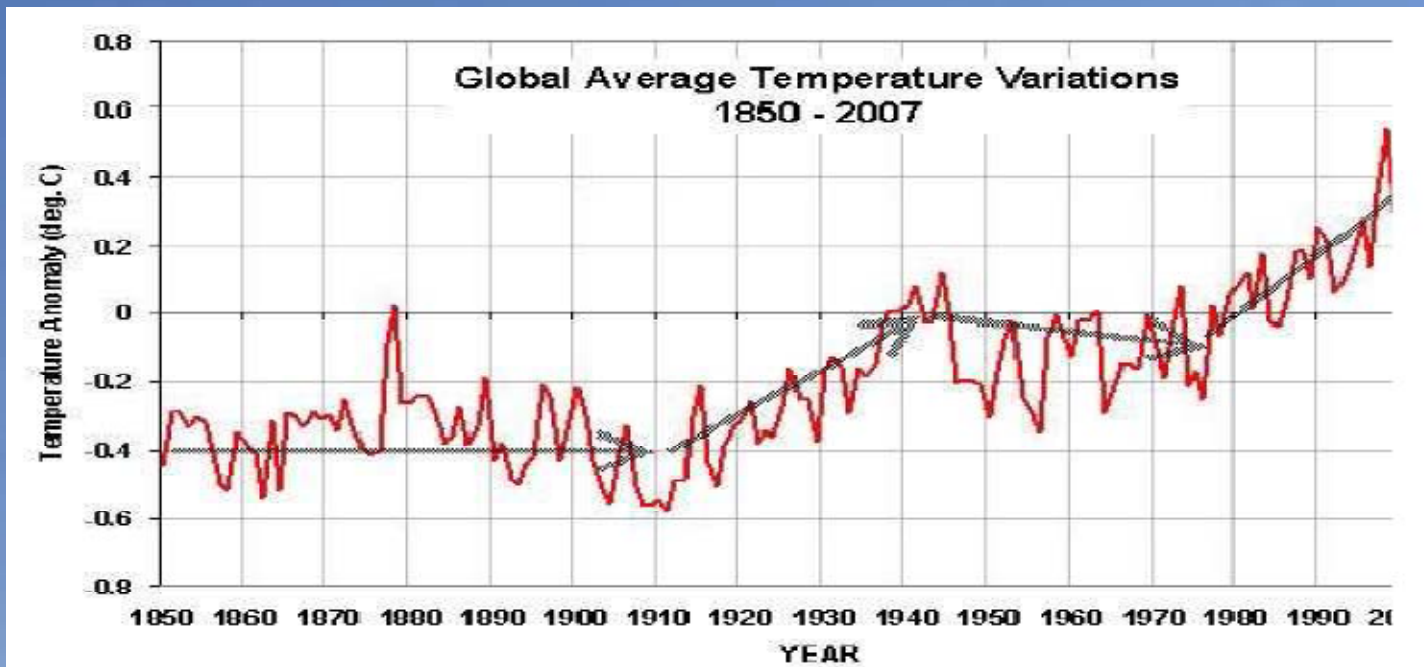
Temperatures, CO₂ and sea levels for the last 20,000 years
Showing relative stability during the most recent 7,000 years when human
civilisation has advanced most rapidly

Temperatures for the last 2,000 years

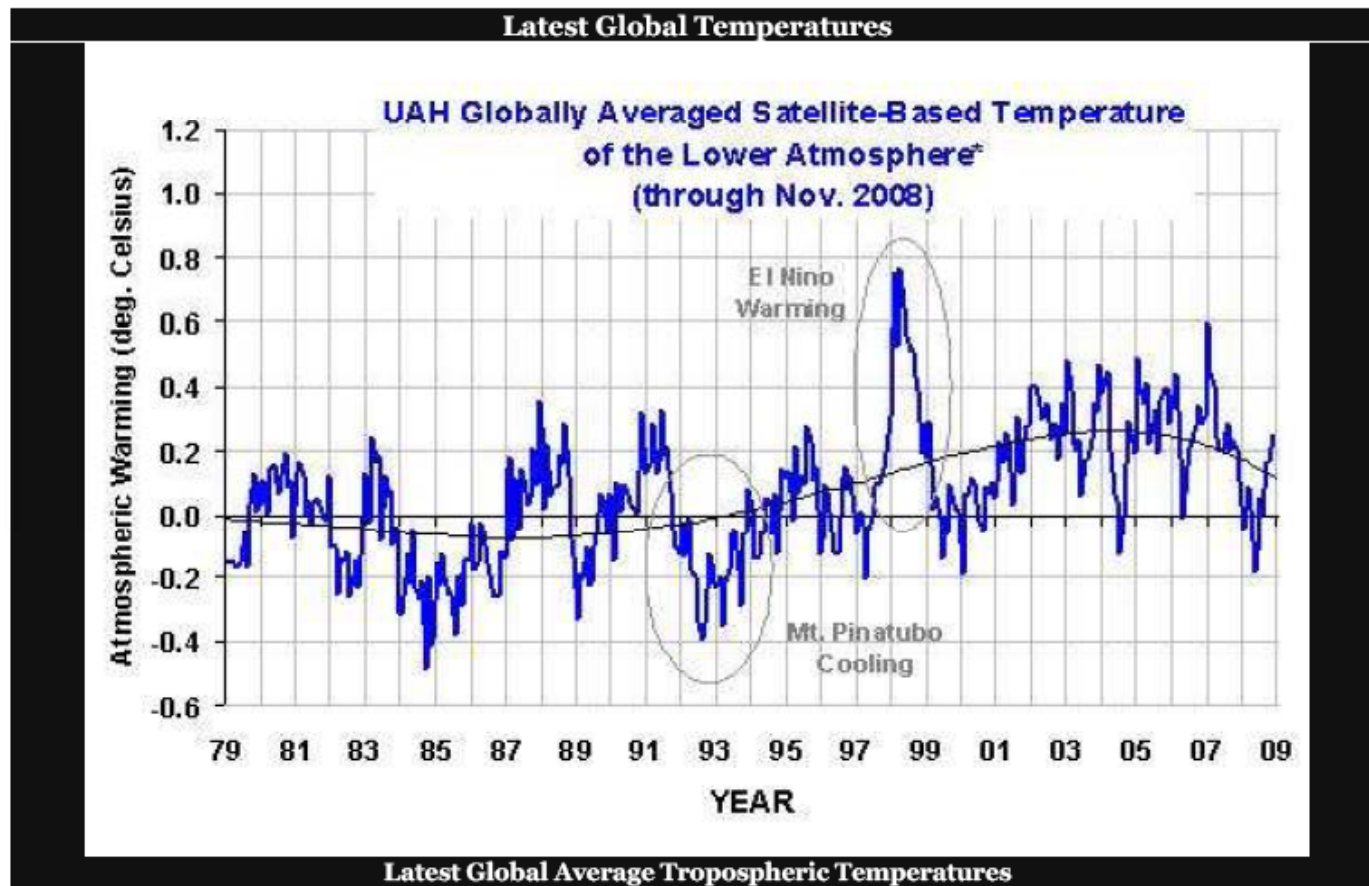


1850 - 2000

Globally averaged temperature variations between 1850 and 2000 show the emergence from the “Little Ice Age” in the early 1900’s, slight cooling in the 1940’s to the 1970’s, and then warming again since the 1970’s, followed by cooling since 1998.

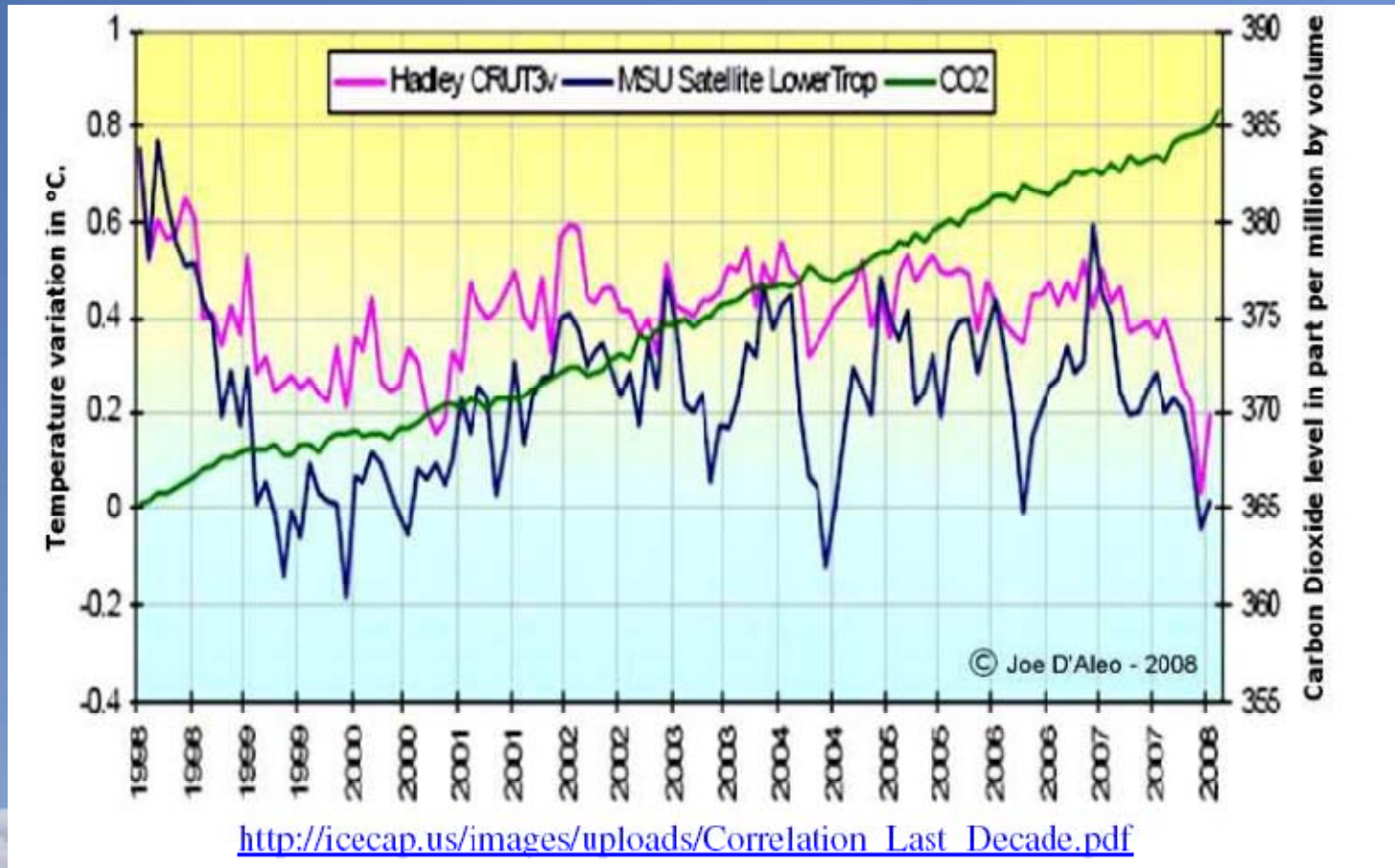


1979 - 2009

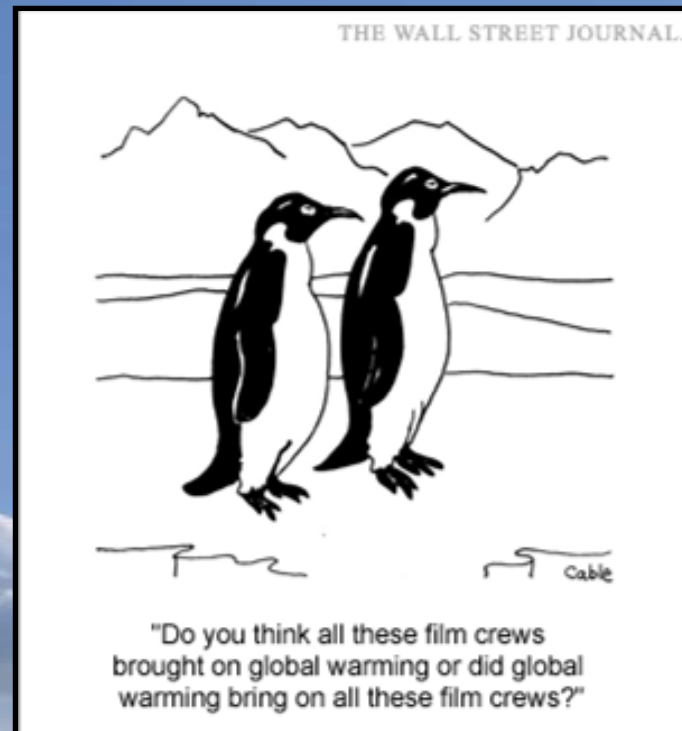


1998 - 2008

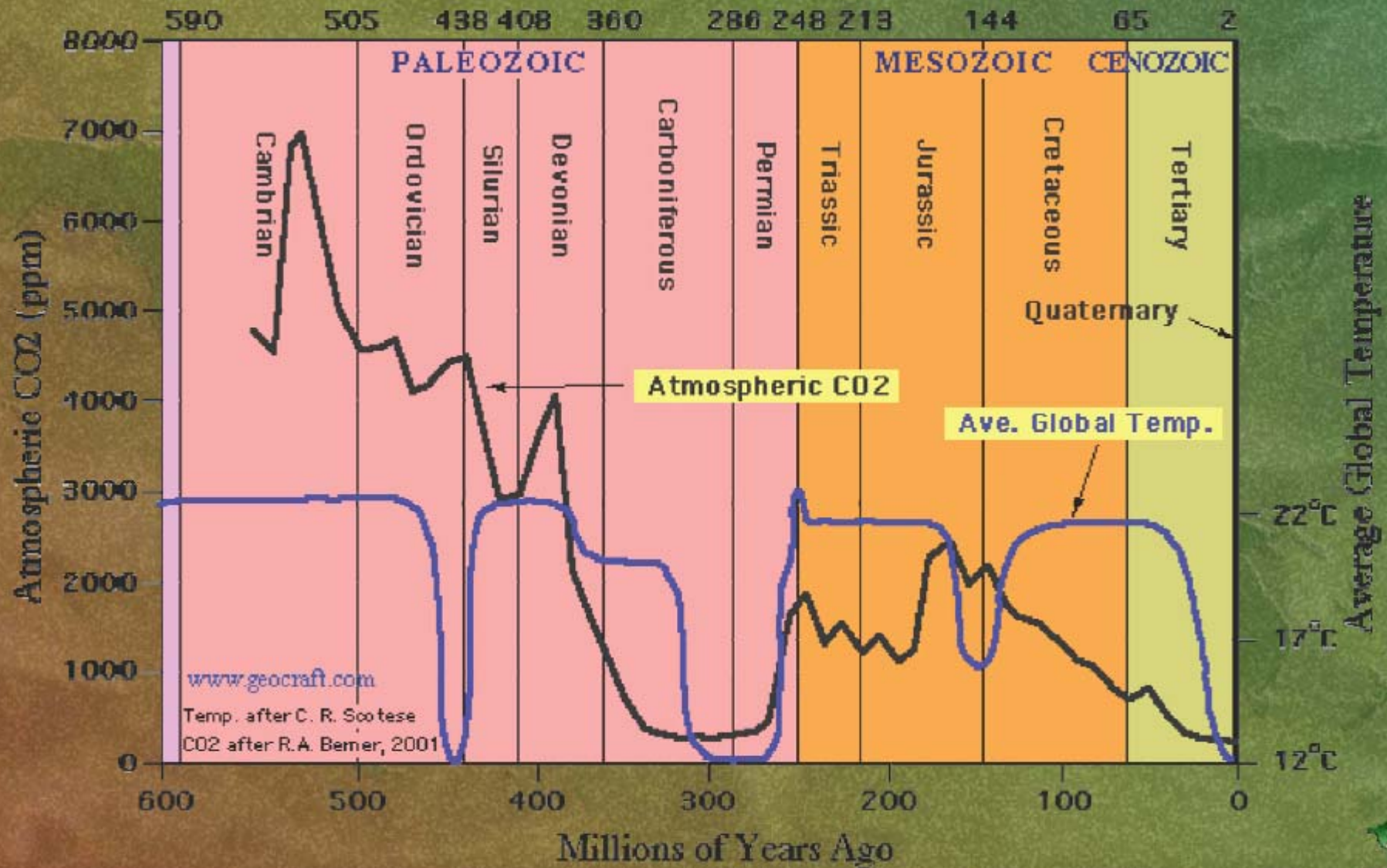
World Temperatures Gently Falling Whilst CO₂ Keeps Rising



Correlation can exist without causation,
but causation cannot exist without correlation.



Climate change over time



Atmospheric Temperature and Carbon Dioxide Levels Bear No Correlation Over the Ages.

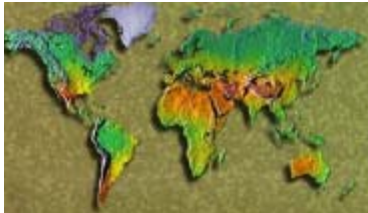
<i>Geological Era</i>	<i>Million Years Ago</i>	<i>Carbon Dioxide ppm</i>	<i>Av Global Temperature °C</i>
Cambrian	550	6,000	23
Ordovician	470	4,200	23 - 12
Silurian	430	3,500	17 - 23
Devonian	380	2,100	23 - 20
Carboniferous	320	1,000 - 200	20 - 12
Permian	270	200 - 1,900	12 - 23
Triassic	230	1,500	23 - 22
Jurassic	170	2,000	22 - 16
Cretaceous	110	1,500	16 - 22
Tertiary	40	500	22 - 12
Present Time	0	385	14 - 16*

Temperature after C.R. Scotese <http://www.scotese.com/climate.htm>

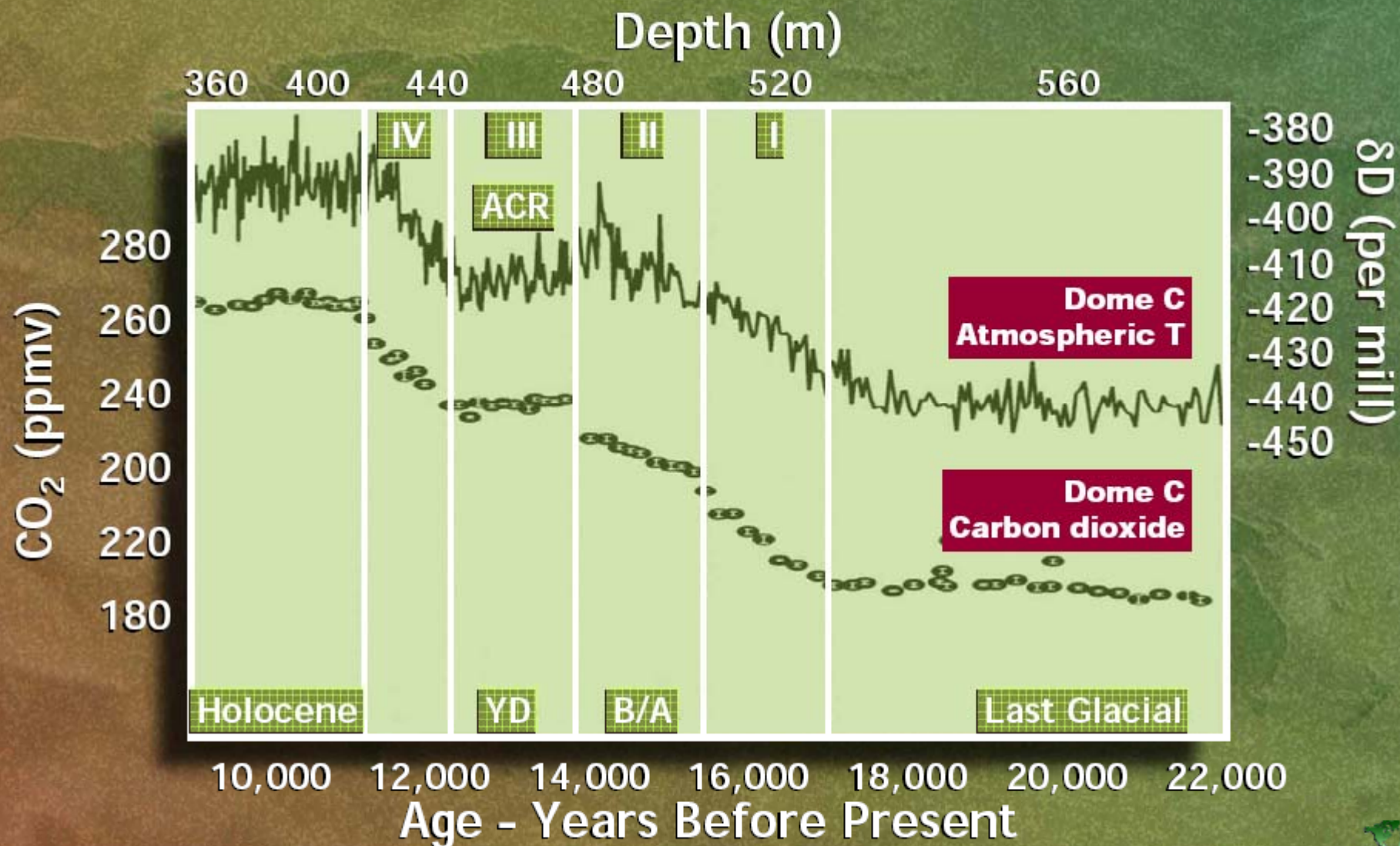
CO₂ after R.A. Berner, 2001 (GEOCARB III)



See also: www.geocraft.com/WVFossils/Carboniferous_climate.html



CO₂ increase follows temperature increase

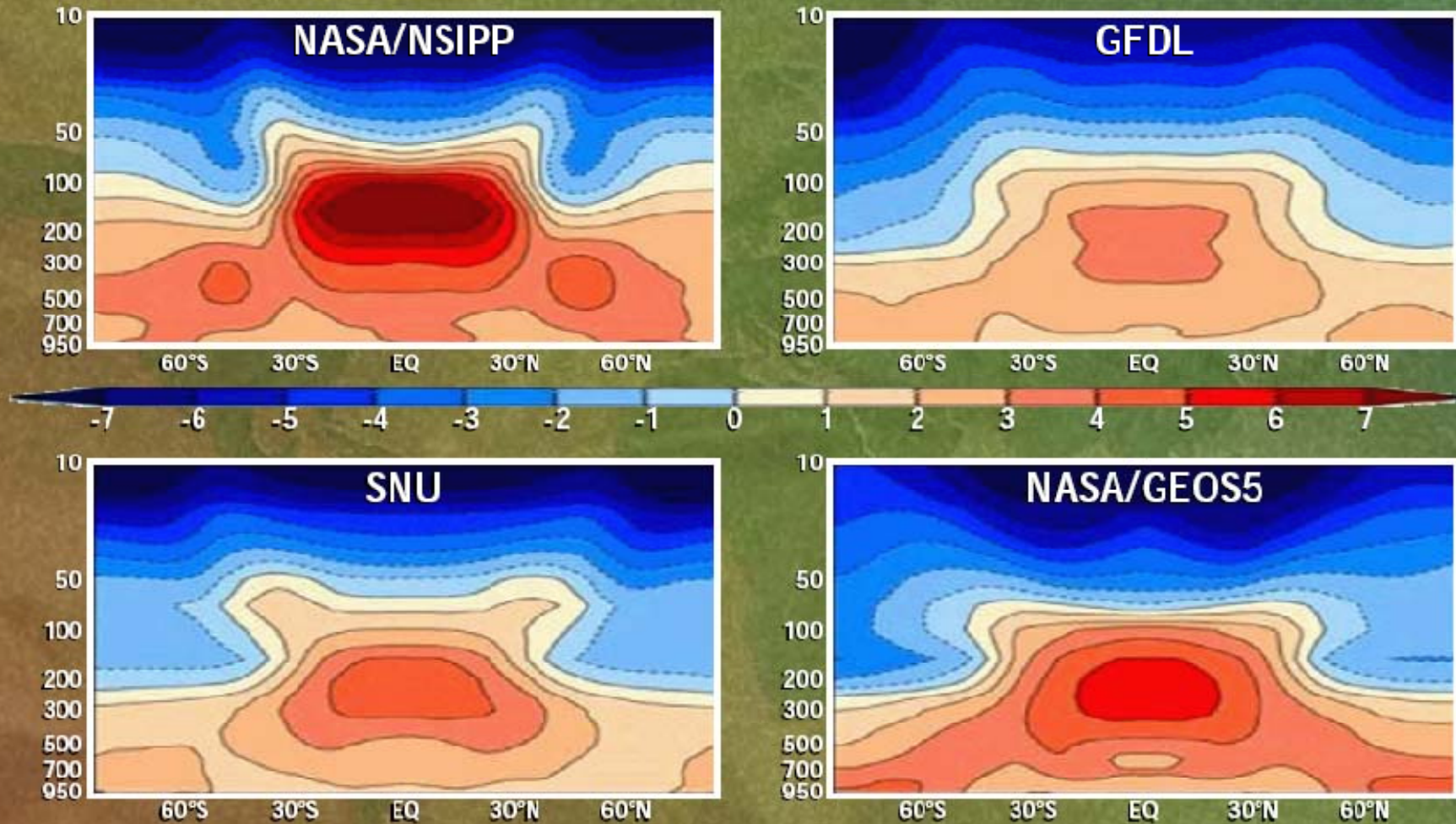


Source: Monnin et al., Science, Vol 291, January 2001.



Models for atmospheric temperature

All models contain a 'hotspot signature in the equatorial troposphere

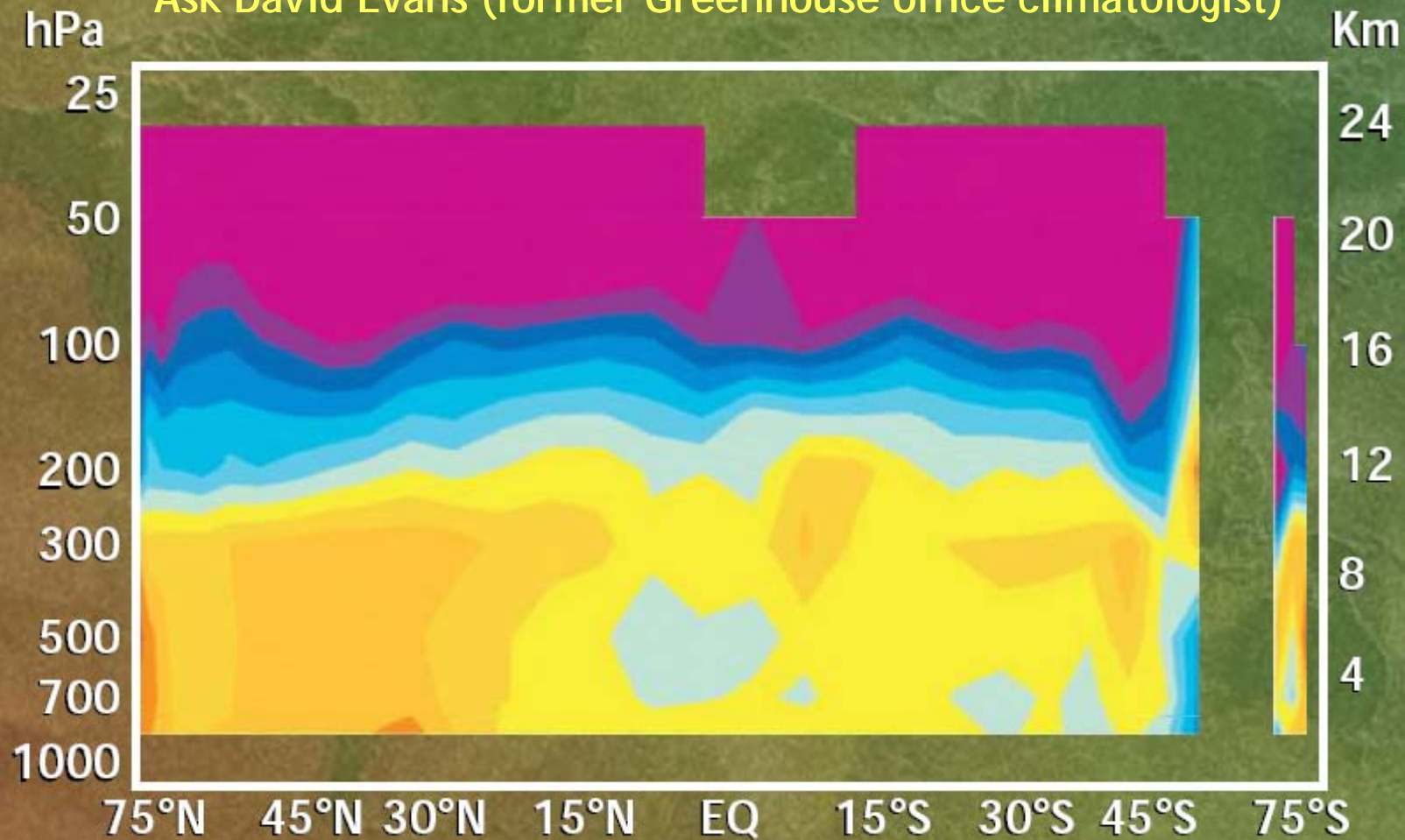


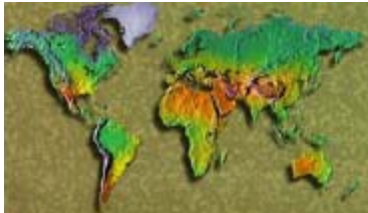
Zonally-averaged distributions of predicted temperature change in $^{\circ}\text{K}$ at CO_2 doubling ($2\times\text{CO}_2$ -control), as a function of latitude and pressure level, for four general-circulation models (Lee et al., 2007)

Radiosonde measurements

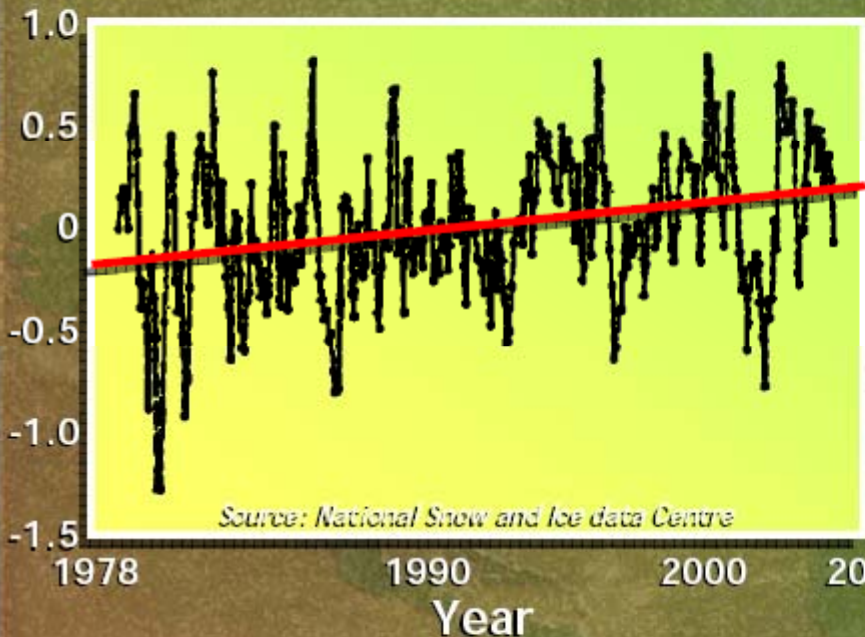
No "greenhouse warming" signature is observed in reality:

Ask David Evans (former Greenhouse office climatologist)



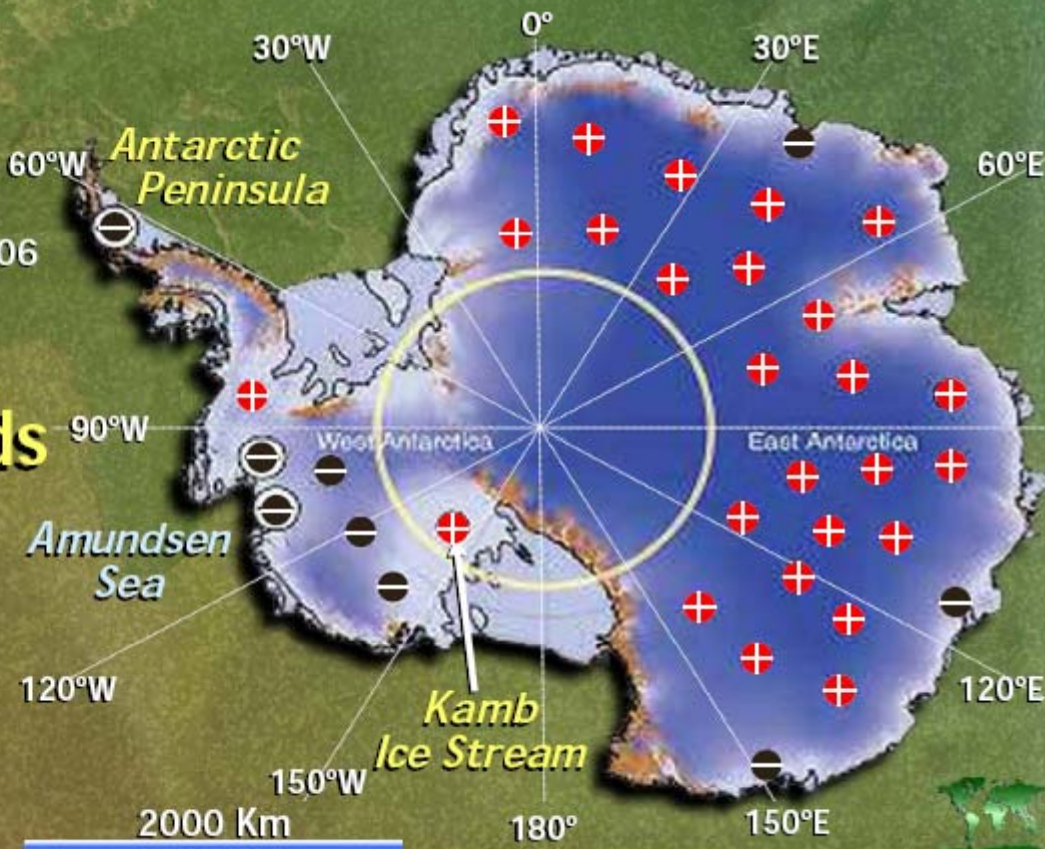


Is global warming melting the ice caps and reducing sea ice? **NO!**



Antarctic Sea Ice Trends
.... going up!

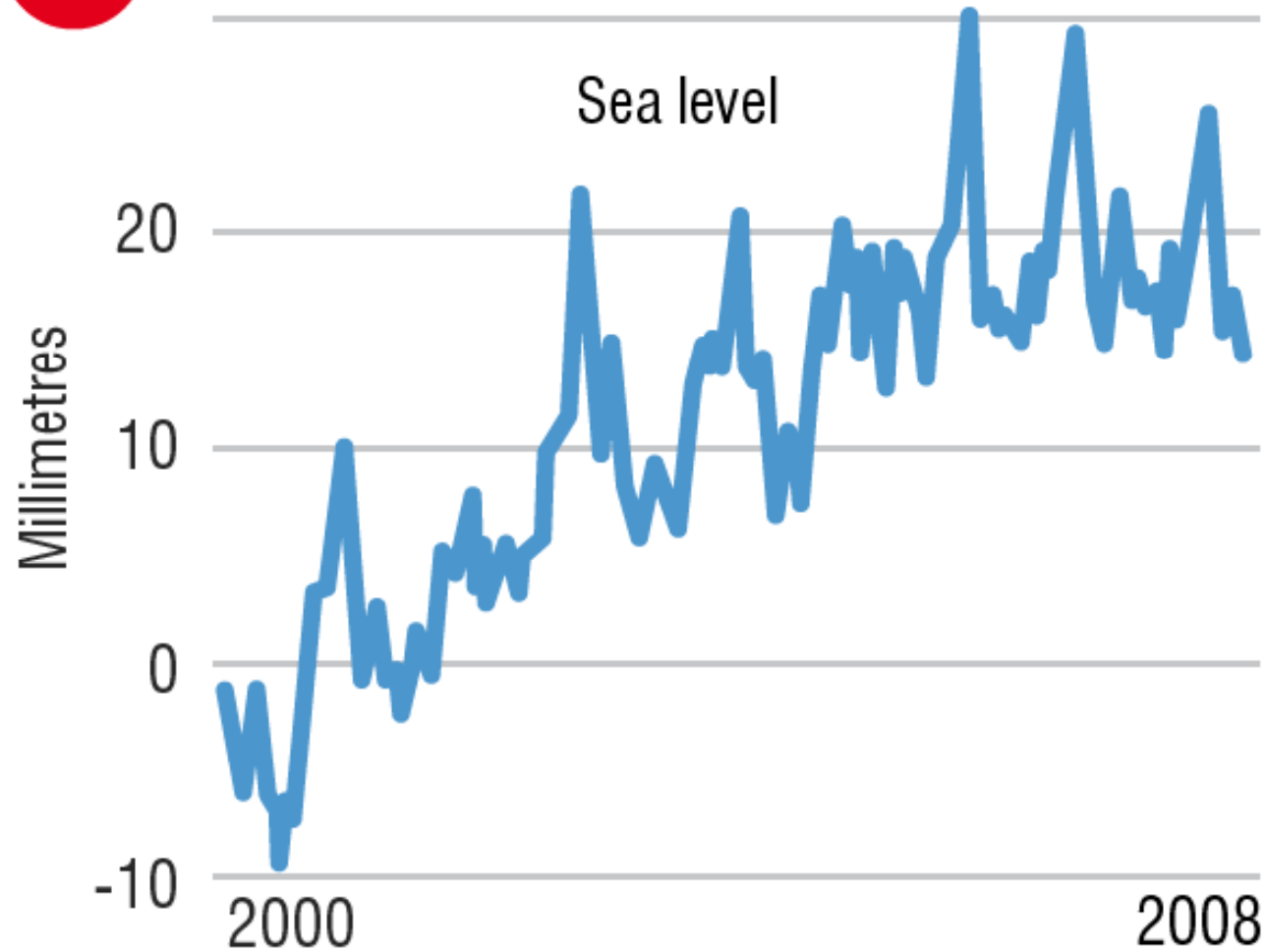
Antarctic Land Ice Trends
.... going up over most of the continent!



Source: Vaughn, D.G., 2005. Science, 3008, 1877-1878.

3

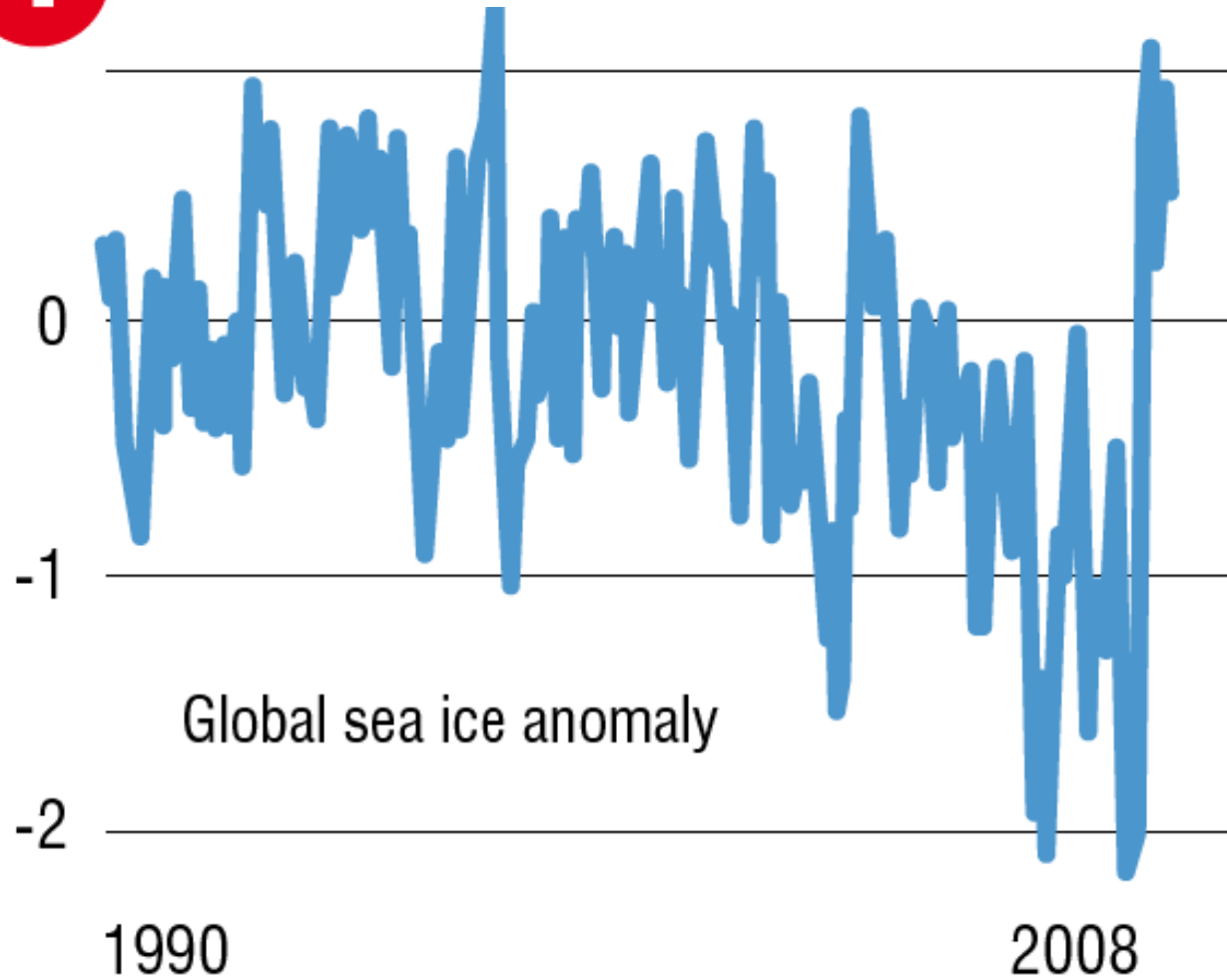
Seas are not rising



Source: Colorado Centre for Astrodynamics Research

4

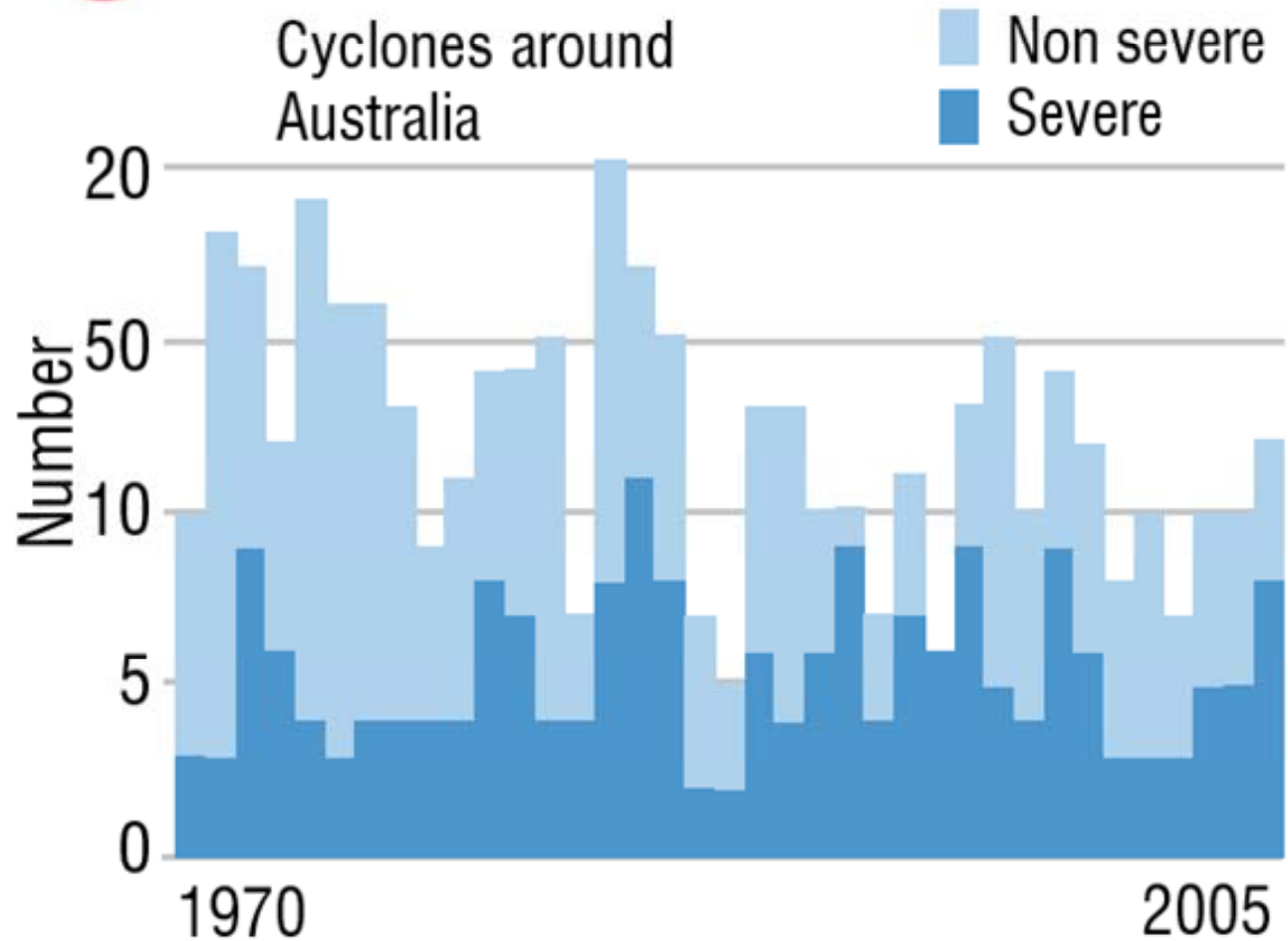
Ice is not melting



Source: US National Oceanic and Atmospheric Administration

5

Cyclones are not increasing



Source: Bureau of Meteorology

Everything presented so far has been indisputable empirically observed data.

Global warming advocates have no choice but to agree, even if they are reluctant to be open with us all on these matters.

The difference comes when computer modelling the future:

“bulldust in, bulldust out”!

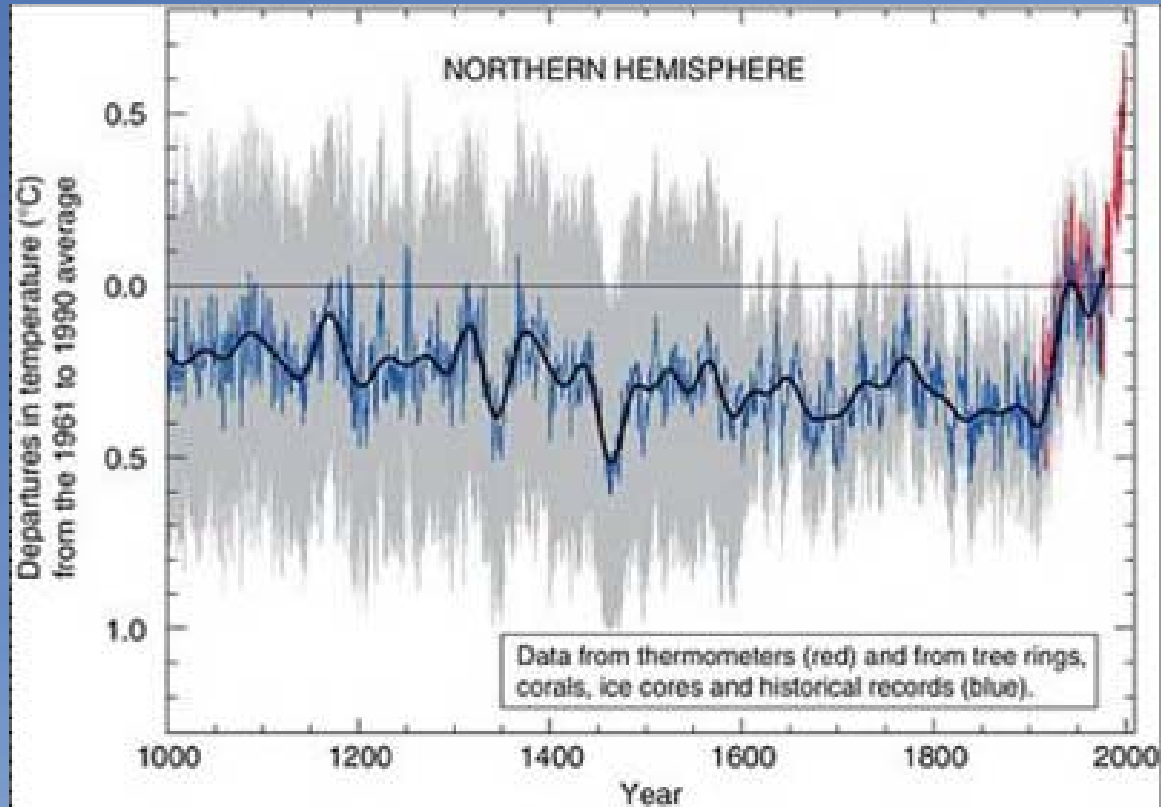


It really began with the IPCC.



- ⇒ Set up in 1988 under UN auspices
- ⇒ Does not carry out research or monitor climate
- ⇒ Assimilates available information to inform governments of the world
- ⇒ Global quasi-monopoly of official scientific advice
- ⇒ Has mutated into a politically correct alarmist pressure group
- ⇒ Notorious “hockey stick” quietly dropped from latest 2007 Report
- ⇒ Joint winner with Al Gore of the Nobel Peace Prize!

The IPCC's "Hockey Stick"



An exposed scientific fraud knowingly mis-used by Al Gore in his movie "An Inconvenient Truth". What an ironic name!

IPCC's Alarmist Projections for 2100

Temperature – increase of $<3^{\circ}\text{C}$

N.B. Current world average 14°C (Helsinki 5°C , Singapore 27°C)

Sea Levels – 18-59cm higher

N.B. Average twice-daily tide $\sim 200\text{cm}$ (Al Gore's movie – 700cm)

+ Diseases (e.g. malaria), floods, droughts, hurricanes, etc.

Of course, no benefits from warming!

Leading Global Warming Advocates

Al Gore – Joint Nobel Peace Prizewinner for “An Inconvenient Truth”

Tim Flannery – 2007 Australian of the Year for “The Weather Makers”

Sir Nicholas Stern – Author of the U.K. Government’s Stern Review

Ross Garnaut – Author of the Australian Government’s Garnaut Report

Australian Politicians - Kevin Rudd, Penny Wong, Peter Garrett, Greg Combet, Malcolm Turnbull, Bob Brown, etc.



Leading Australian Sceptics

Politicians

Martin Ferguson, Cory Bernardi, Barnaby Joyce, Michael Costa, Peter Walsh, Ron Boswell, Steve Fielding (?)

Scientists

Bob Carter, Ian Plimer, Bill Kininmoth, David Evans

Lobbyists

Ray Evans (Lavoisier Group)
Viv Forbes (Carbon Sense Coalition)
Max Rheese (Australian Climate Science Coalition)
Leon Ashby (Climate Sceptics Party)

Journalists

Andrew Bolt, Miranda Devine, Terry McCrann, Christopher Pearson, Piers Akerman, Alan Jones

Archbishops!

Cardinal George Pell

Australia's Proposed Emissions Trading Scheme

- ⇒ Multi-billion dollar per annum carbon tax by another name
- ⇒ Creates massive distortions in our economy
- ⇒ Directly reduces international competitiveness
- ⇒ Produces grinding bureaucratic intervention to cushion adverse impact for political expediency
- ⇒ Provides a bonanza for the financial services industries and government departments which will strip huge commissions and taxes from the cash flow

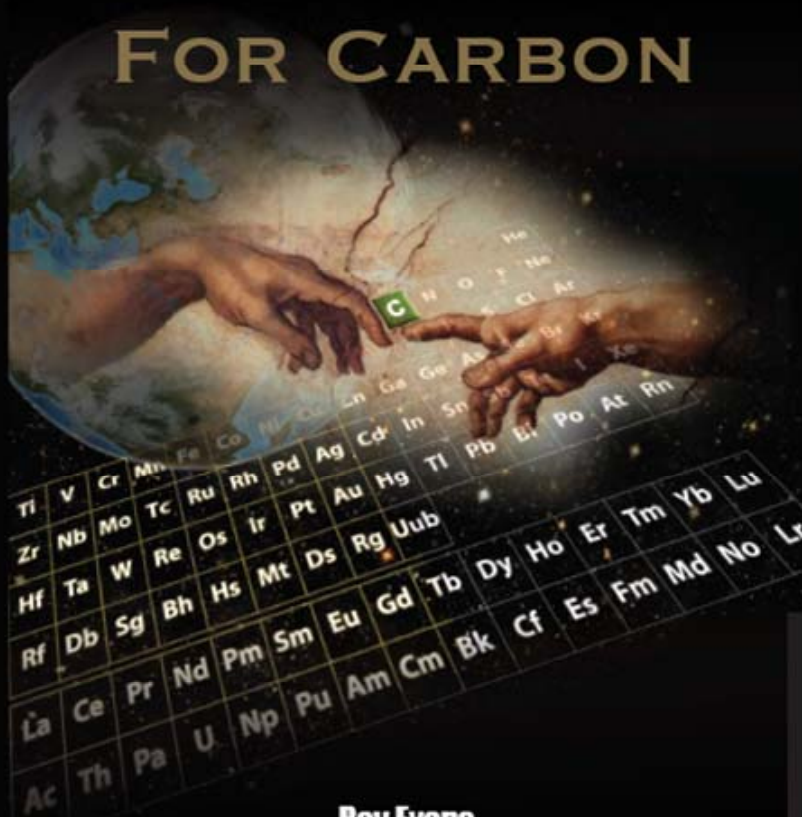
20% Renewable Energy Target by 2020

- ⇒ Most renewable energy is presently hydro (little scope for increase)
- ⇒ Wind and solar do not produce baseload power (therefore require ~85% baseload back-up)
- ⇒ Baseload from geothermal 'hot rocks' difficult and isolated
- ⇒ Uranium (ruled out politically – why?)
- ⇒ Carbon Geo-Sequestration (expensive, non-uniform and unproven)

The Spanish Experience in past 3 years

- ⇒ Household electricity costs up 30%, despite government subsidy
- ⇒ Industry electricity costs up 100%
- ⇒ Businesses and jobs therefore leaving Spain
- ⇒ Consequently, unemployment 17.5% and rising
- ⇒ Every 'green job' costs the taxpayer US\$770,000
- ⇒ 2.2 real jobs lost for every 'green job' created
- ⇒ Lack of baseload power means electricity supply has become unreliable
- ⇒ This is the Spanish example advocated by the Obama Administration!
- ⇒ Click on <http://www.juandemariana.org/pdf/090327-employment-public-aid-renewable.pdf>

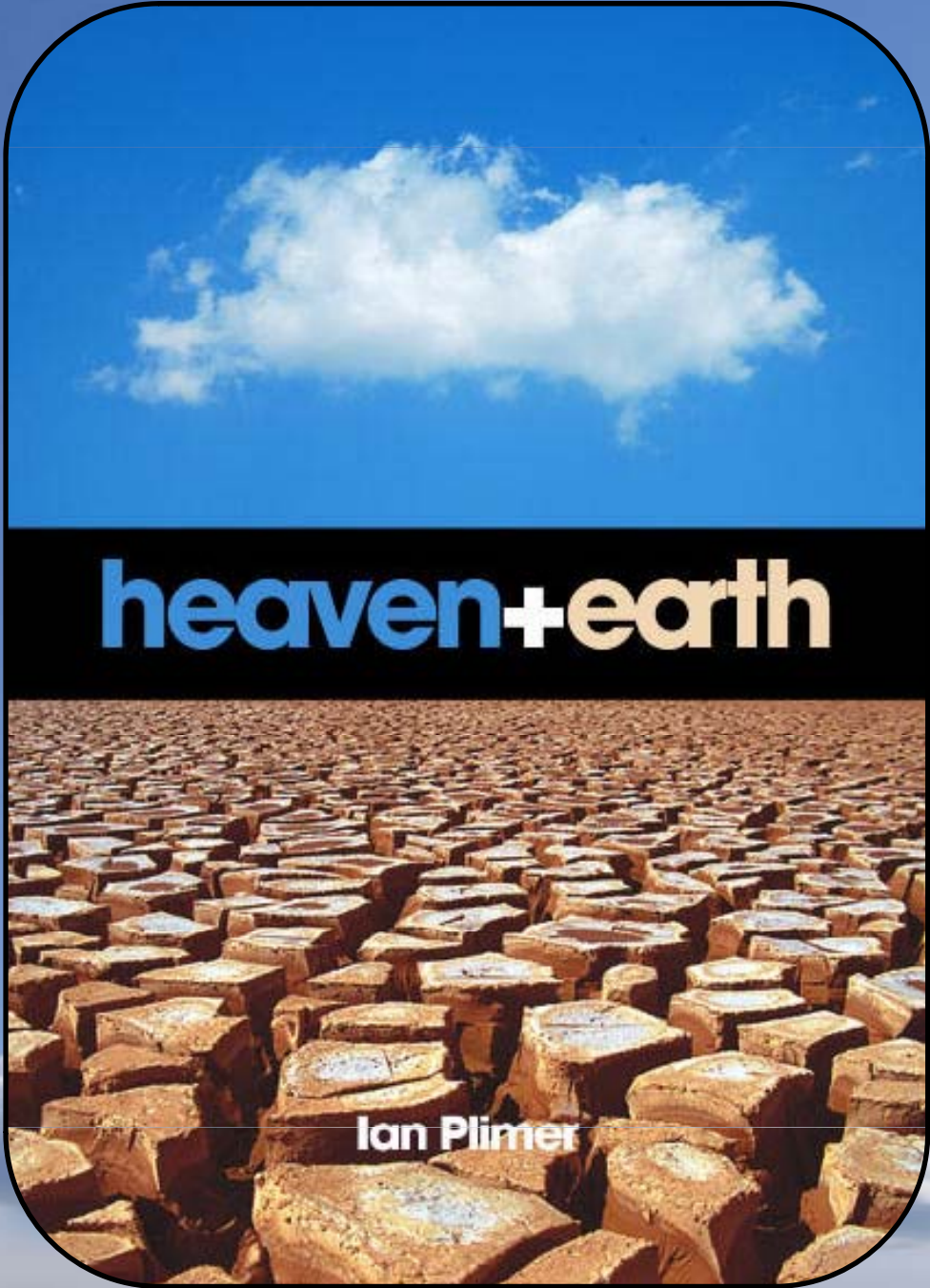
THANK GOD FOR CARBON



Ray Evans

The Lavoisier Group

November 2008



heaven+earth

Ian Plimer

Acknowledgement

From the opening title to the concluding illustration, my presentation has been the compilation of a “magpie patchwork plagiarist”. If it contains any errors, they are likely to be mine.

However I acknowledge and thank the many unattributed contributors, confident that they would want this message to be spread as widely as possible.

-Philip R. Wood



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