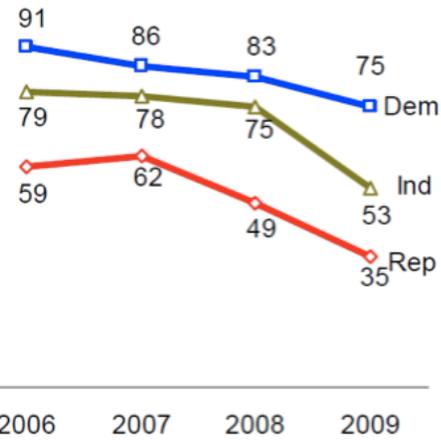


Visiting the Dark Side



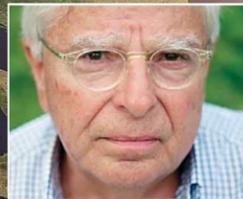
Darth Denning

Across Partisan Lines, Fewer See Solid Evidence of Global Warming

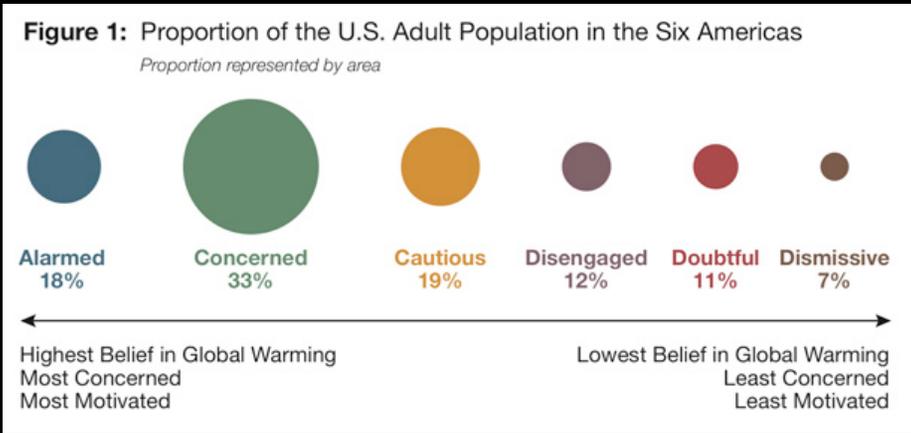


Changing
Public
Opinions

GLOBAL WARMING'S SIX AMERICAS 2009: An Audience Segmentation Analysis



Six Americas



Leiserowitz, Maibach & Roser-Renouf (2008)
Global Warming's Six Americas: An Audience Segmentation

Six Americas

Figure 2: Certainty of belief in the reality of global warming

*Do you think that global warming is happening?
How sure are you that global warming is happening? or
How sure are you that global warming is not happening?*

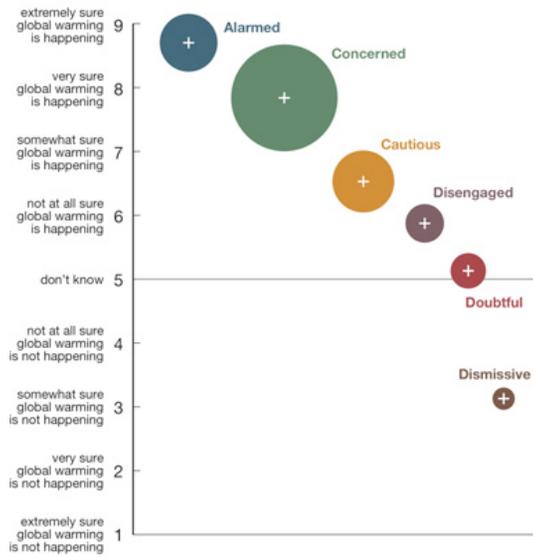
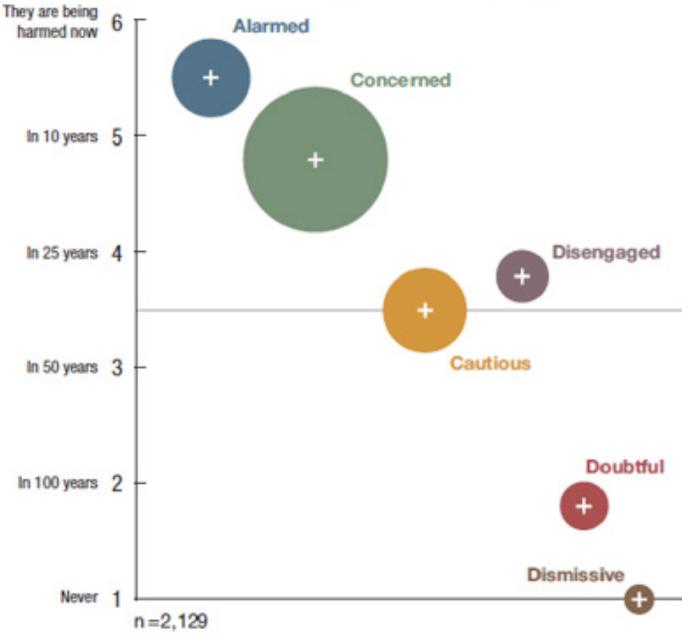


Figure 12: Timing of harm to people in U.S.



A black and white photograph of space. The Earth's horizon is visible on the left, showing the dark side of the planet. A bright sun is in the upper right, creating a lens flare. The background is filled with stars.

4TH INTERNATIONAL CONFERENCE
ON CLIMATE CHANGE

SPONSORED BY THE HEARTLAND INSTITUTE
MAY 1-6-18, 2010 CHICAGO, ILLINOIS

RECONSIDERING
THE SCIENCE
AND ECONOMICS

CONFERENCE PROGRAM

FROM YOUR HOST



JOSEPH L. BAST
PRESIDENT
THE HEARTLAND INSTITUTE

Welcome to the Fourth International Conference on Climate Change!

We are gathered here in Chicago to learn the truth about global warming: whether it is occurring, what might be causing it, what its effects could be (or already are), and what, if anything, should be done to delay or adapt to its onset.

Much has happened in the year since we last met at the third conference in Washington, DC:

- Last November, emails and other documents from the Climatic Research Unit at the University of East Anglia revealed a pattern of mismanagement of temperature data, interference with peer review, and overt efforts to suppress academic debate on global warming;
- In December, negotiations in Copenhagen over a successor to the Kyoto Protocol collapsed, leaving the world without a binding international agreement after Kyoto expires in 2012;
- In January, major errors of fact and forecasts in the reports of the Intergovernmental Panel on Climate Change (IPCC) were acknowledged by the agency's staff and supporters;
- In February, Phil Jones, director of the Climatic Research Unit, admitted there has been no statistically significant global warming since 1995 and that "the vast majority of climate scientists" do not believe the debate on climate change is over;
- In March and April, *The Christian Science Monitor* and many other respected sources uncovered evidence of massive fraud in the operation of cap-and-trade programs, raising doubts about the workability of such programs as well as the ethics and objectivity of Al Gore and others who have made millions of dollars by creating firms that buy and sell carbon credits.

Little surprise, then, that only 33 percent of Americans, according to a recent poll, believe global warming is man-made. All of this suggests now is a good time to reconsider the science and economics

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SCHEDULE OF SPEAKERS AND PANELS

SUNDAY, MAY 16

Registration 3:00 - 9:00 PM	5th Floor
Exhibit Hall 3:00 - 9:00 PM	5th Floor
Reception 5:00 - 6:00 PM	7th Floor
Opening Dinner 6:00 - 9:00 PM	7th Floor — Joseph Bast, Welcome Harrison Schmitt, Ph.D., <i>Constitutional Constraints on Regulation Related to Climate and Energy</i> Stephen Mdyntyre, <i>Climategate: A Battlefield Perspective</i>
Networking Reception 9:00 - 10:00 PM	7th Floor

MONDAY, MAY 17

Registration 6:30 AM - 3:00 PM	5th Floor			
Exhibit Hall 8:00 AM - 5:00 PM	5th Floor			
Breakfast 7:00 - 8:45 AM	7th Floor — Dan Miller, Welcome Patrick J. Michaels, Ph.D., <i>Global Warming Science Now Compels EPA to Re-open its Finding of Endangerment</i> Hon. George F. Allen, J.D., <i>A Winning American Energy Game Plan</i>			
Break and Book-Signing 8:45 - 9:15 AM	5th Floor — Garth William Paltridge, Ph.D., D.Sc. Ian Plimer, Ph.D.			
	Track 1, Science 1 <i>Bruno Behrend, Moderator</i>	Track 2, Science 2 <i>John Nothdurft, Moderator</i>	Track 3, Economics <i>Matt Glans, Moderator</i>	Track 4, Public Policy <i>Peter Fotos, Moderator</i>
Session 1 9:15 - 10:45 AM	Craig D. Idso, Ph.D. Robert Ferguson Gary Sharp, Ph.D. David Douglas, Ph.D.	Nils-Axel Möner, Ph.D. Bob Carter, Hon. FRSNZ Fred Goldberg, Ph.D. Don J. Easterbrook, Ph.D.	Ben Lieberman Tam Hunt, J.D. Robert J. Michaels, Ph.D.	Mike Noel Pamela Gotman Michael Jungbauer
Break and Book-Signing 10:45 - 11:00 AM	5th Floor — S. Fred Singer, Ph.D. Roy W. Spencer, Ph.D.			
Session 2 11:00 AM - 12:30 PM	William M. Gray, Ph.D. A. S. Denning, Ph.D. Howard Hayden, Ph.D.	Willie Soon, Ph.D. Habibullo Abdussamatov, Dr. Sci. Craig Loehle, Ph.D.	Gabriel C. Alvarez, Ph.D. Carlo Stagnaro, Ph.D. David G. Tuerck, Ph.D.	Christopher C. Horner Alan Carlin, Ph.D. Egil Friis-Christensen, Ph.D. Marc Morano

BOOK-SIGNING OPPORTUNITIES – 5TH FLOOR EXHIBIT HALL

MONDAY



Ian Plimer, Ph.D.
8:45 - 9:15 AM
Heaven and Earth: Global Warming, the Missing Science
\$21.95



Roy W. Spencer, Ph.D.
10:35 - 11:00 AM
The Great Global Warming Blunder: How Mother Nature Fooled the World's Top Scientists
\$20.00



Garth W. Paltridge, Ph.D., D.Sc.
8:45 - 9:15 AM
The Climate Caper
\$10.95



S. Fred Singer, Ph.D.
10:35 - 11:00 AM
Hot Talk, Cold Science
\$10.00



Craig Loehle, Ph.D.
3:00 - 3:30 PM
Becoming a Successful Scientist: Strategic Thinking for Scientific Discovery
\$35.00

TUESDAY



Nils-Axel Mörner, Ph.D.
8:45 - 9:15 AM
The Greatest Lie Ever Told
\$15.00



Bob Carter, Hon. FRSNZ
12:30 - 1:00 PM
Climate: The Counter-consensus – A Scientist Speaks
\$16.00



Christopher C. Horner, J.D.
10:35 - 11:00 AM
Power Grab: How Obama's Green Policies Will Steal Your Freedom and Bankrupt America
\$27.95

GLOBAL WARMING?

NOT MAN MADE

- It's natural variation
- Human impact is very small
- Computer models are flawed
- There is no "consensus"

NOT HARMFUL

- Past warmings were beneficial
- No current harms
- Future warmings will be modest
- Warmer is better



The
Heartland
INSTITUTE



James Delingpole:

Author, Broadcaster, Blogger

dare we protest?



What Doesn't Work

- Appeals to model results
- Appeals to authority or consensus
- Argument about “the details”

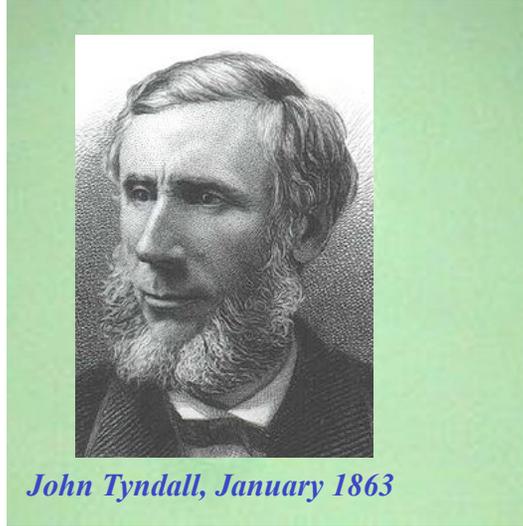
Common Misconceptions

- Concern is based on extrapolation
- Concern is based on complicated computer models (and the models suck)
- Conflation of emissions, concentrations, radiative forcing, and climate response
- Emissions reductions \Rightarrow cooling
- Status quo vs “Freezing in the Dark”

**Global Warming is
Based on Common Sense**

not computer models ...
not recent temperatures ...

Common Sense

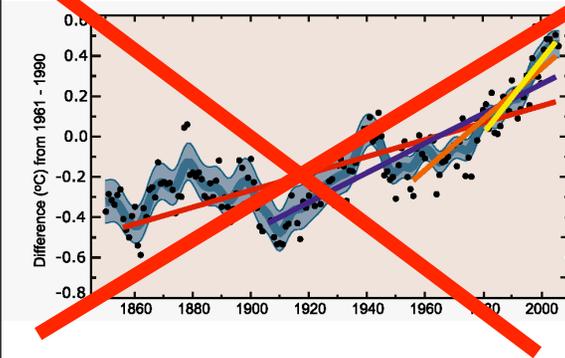


John Tyndall, January 1863

- Doubling CO_2 would add 4 watts to every square meter of the surface of the Earth, 24/7
- Doing that would make the surface warmer
- This was known before light bulbs were invented!

Common Misconception #1

"Expectations of future warming are based on extrapolation of recent warming trends"



WRONG! They are based on the idea that when we add energy to the surface, it will warm up

Be a Climate Skeptic

- Maybe something will happen in the Earth system that "cancels out" an extra 4 watts of heat in every square meter of the planet
 - The sun could dim by 4 W m^{-2}
 - Giant clouds of interplanetary dust might block the sunshine
 - Fog could suddenly shroud the Earth's surface
- Media celebrities seem certain something like this will happen
- **Call me a skeptic!**

The Worst Media Myth of All

- Without the subsidy of cheap fossil energy, civilization will crumble!
- People will freeze in the dark!
- They'll starve!

• **"The sky is falling!"**

Be skeptical ... be very skeptical !

Choose Your Future

- Alarmist politicians and celebrities say:
"Modern wealth is due to the subsidy of cheap fossil fuel. If we stop burning coal we'll freeze in the dark!"
- I prefer:
"Modern wealth results from ingenuity and hard work. Before we run out of oil, we'll invent energy technologies for the 21st Century.
Our future is bright."

Alternate Realities

- Media manipulation to “define issues” is a dominant form of political discourse
- “Rhetoric makes reality”
- “Weapons of Mass Destruction”
- “Death panels for Grandma”

Intellectual Relativism

- Relevance of the cultural, emotional, and experiential ground of all intellectual content is a central tenet of “postmodern” academics (e.g., literary criticism)
- Applications to the physical sciences?
 - Kuhn: Scientific Revolutions
 - Weird stuff in quantum mechanics
- Strong criticism from intellectual right!

Conspiracy Theories

- Us vs Them
- It's a War between fundamentally opposed visions of the world
- It's not about the science:
it's about winning!

The Missing Second Premise

1. Science: "This is the way the world is."
3. Policy: "This is what we will do."



Kathleen Dean Moore
Essayist, Philosopher
Oregon State University

The Missing Second Premise

1. Science: "This is the way the world is."
2. Values: "This is the way the world ought to be."
3. Policy: "This is what we will do."



Kathleen Dean Moore
Essayist, Philosopher
Oregon State University

My Experience

- It was fun and fascinating to engage in discourse with this very different community
- These people treated me very well, with respect and genuine warmth
- They are being quite genuine, honest, and have “good intention”

Insights?

- Our argument is not mostly about the science of climate, but rather about values
- The climate denial community is dominated by people whose experience is that “rhetoric defines reality”
- They have therefore chosen to deny the science rather than the ethics or the policy

