







THE GARDENER'S REFERENCE GUIDE TO PLANTS & FLOWERS
READER'S DIGEST

THE BIOCHAR SOLUTION
CARBON FARMING AND CLIMATE CHANGE
ALBERT BATES

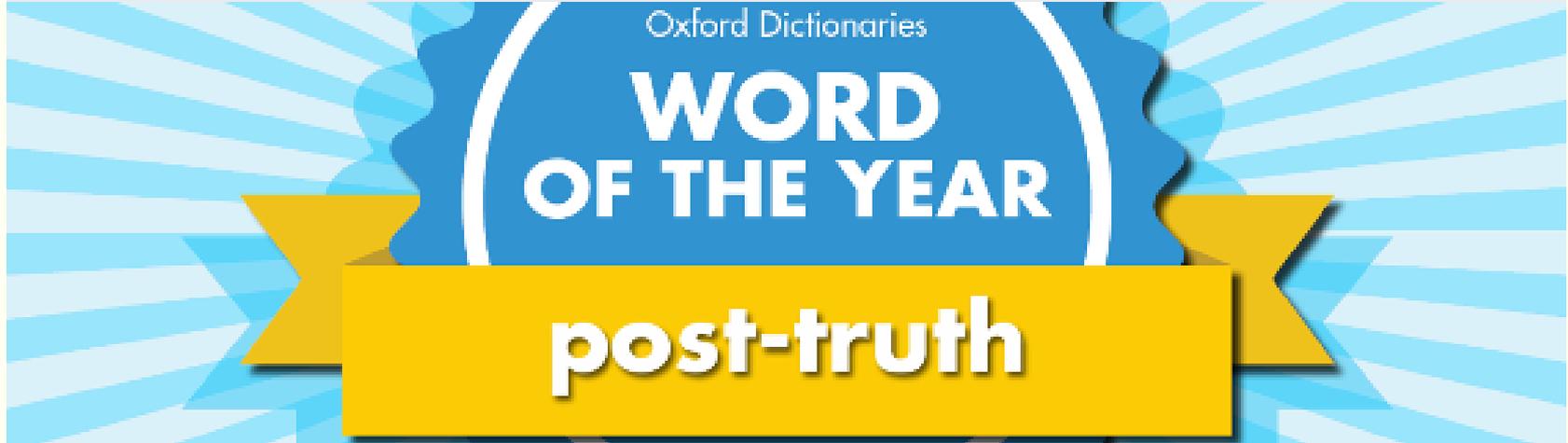
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LONG PINE

HOW TO TEACH PHYSICS TO YOUR DOG
CHAD ORZEL
Explains quantum physics in a way that's so simple to understand, even a dog can learn it.
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Word of the Year 2016 is...

post-truth – an adjective defined as ‘relating to or denoting circumstances in which objective facts are less influential in shaping public opinion than appeals to emotion and personal belief’

The Fix

How Kellyanne Conway ushered in the era of 'alternative facts'

By **Rebecca Sinderbrand** January 22



<https://www.washingtonpost.com/news/the-fix/wp/2017/01/22/>



Changing climate in a post-truth world of alternative facts

.... Giving up is not an option

David Pearson
Laurentian University
Sudbury

News Releases

News Releases from Headquarters > Office of the Administrator (AO)

EPA Kicks Off Website Updates

04/28/2017

Contact Information:

press@epa.gov

WASHINGTON – EPA.gov, the website for the United States Environmental Protection Agency, is undergoing changes that reflect the agency's new direction under President Donald Trump and Administrator Scott Pruitt. The process, which involves updating language to reflect the approach of new leadership, is intended to ensure that the public can use the website to understand the agency's current efforts. The changes will comply with agency ethics and legal guidance, including the use of proper archiving procedures. For instance, a snapshot of the last administration's website will remain available from the main page.

<https://www.epa.gov/newsreleases/epa-kicks-website-updates>



This page is being updated.

Thank you for your interest in this topic. We are currently updating our website to reflect EPA's priorities under the leadership of President Trump and Administrator Pruitt. If you're looking for an archived version of this page, you can find it on the [January 19 snapshot](#).

[Here's what our Public Affairs Office released about these changes.](#)



Scott Pruitt at the Harvey Mine in SW Pennsylvania, 13 April, 2017

AP Photo/Gene J. Puskar

POLITICS

[POLITICS](#)[ELECTIONS](#)[PRESIDENTIAL DEBATES 2016](#)[WHITE HOUSE](#)[CONGRESS](#)[LAW](#)[TAXES](#)

EPA chief Scott Pruitt says carbon dioxide is not a primary contributor to global warming

Tom DiChristopher | [@tdichristopher](#)

Thursday, 9 Mar 2017 | 11:19 AM ET



Trump signs executive order, declares end to the 'war on coal'

By GABBY MORRONGIELLO (@GABRIELLAHOPE_) • 3/28/17 2:42 PM



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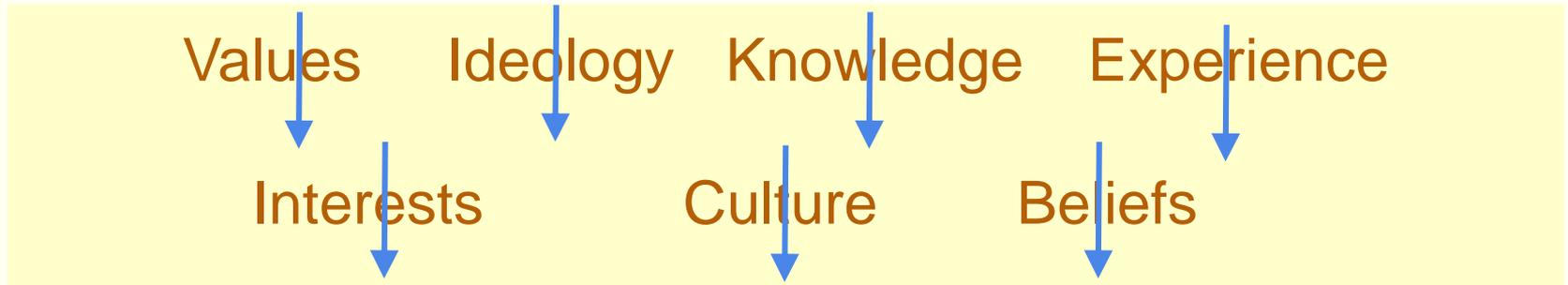
More



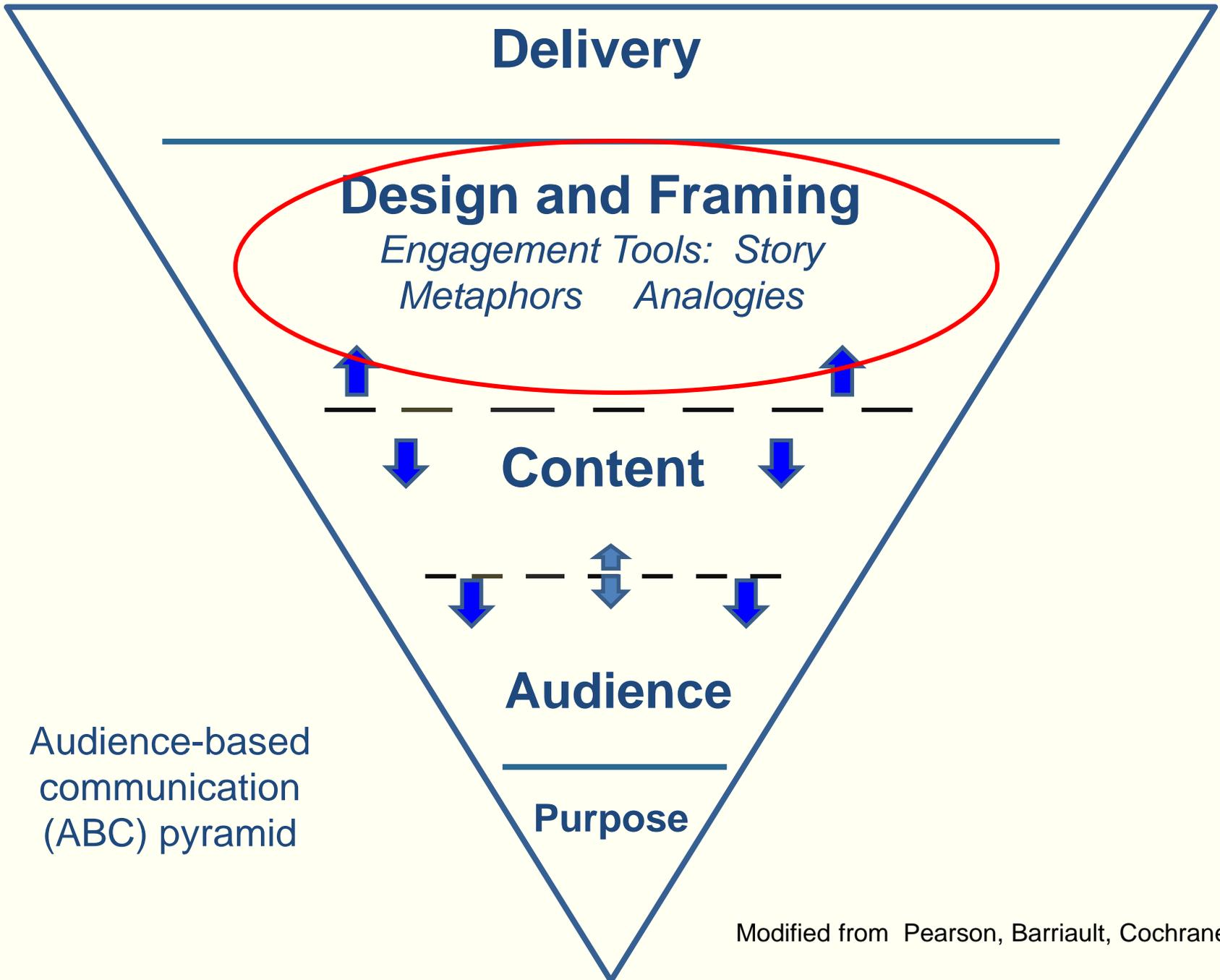
SAID



Interpreted and filtered by



HEARD



Audience-based
communication
(ABC) pyramid

Don't assume that simply providing information to people will change the way they think and behave



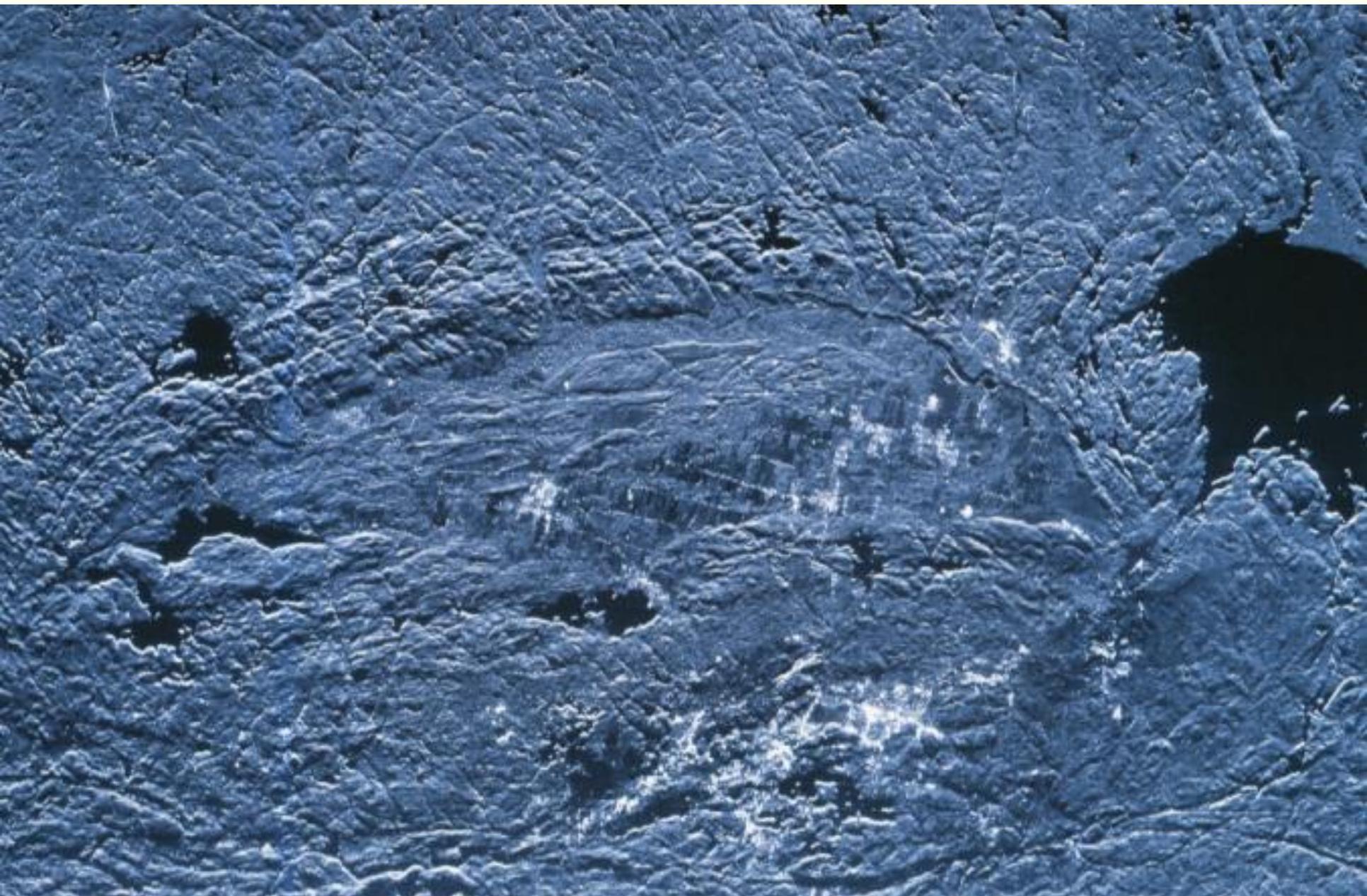


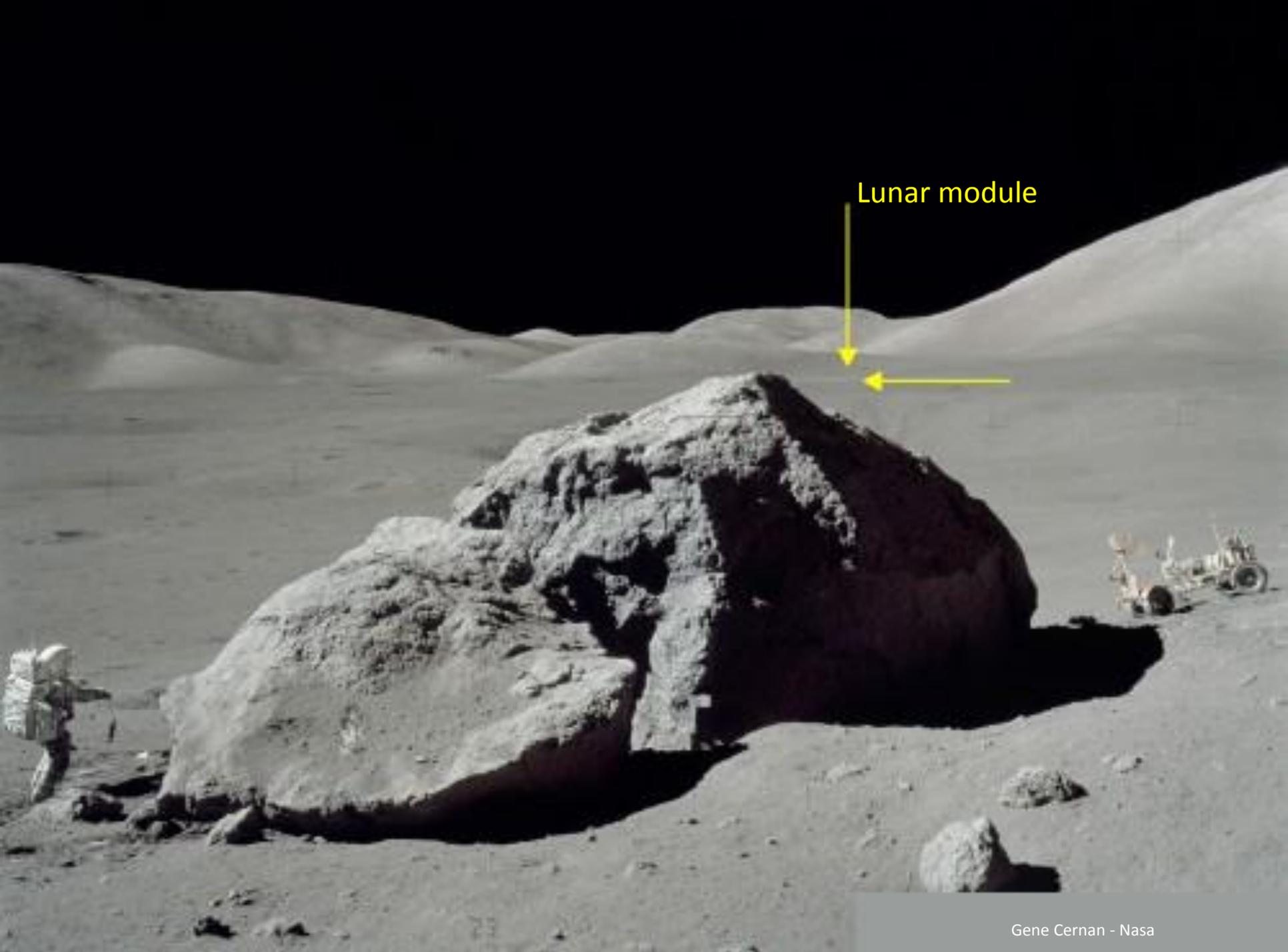


THE OCCUPANCY OF THE BUNDECK BASIN

In 1848, the first settlement was established in the Bundock Basin. The site was named after the Bundock family, who were the first to settle here. The Bundock family was one of the earliest settlers in the area. The Bundock family was one of the earliest settlers in the area. The Bundock family was one of the earliest settlers in the area.







Lunar module



THE HEARTLAND INSTITUTE
HEARTLAND 1962

SIXTH INTERNATIONAL
CONFERENCE
ON CLIMATE CHANGE

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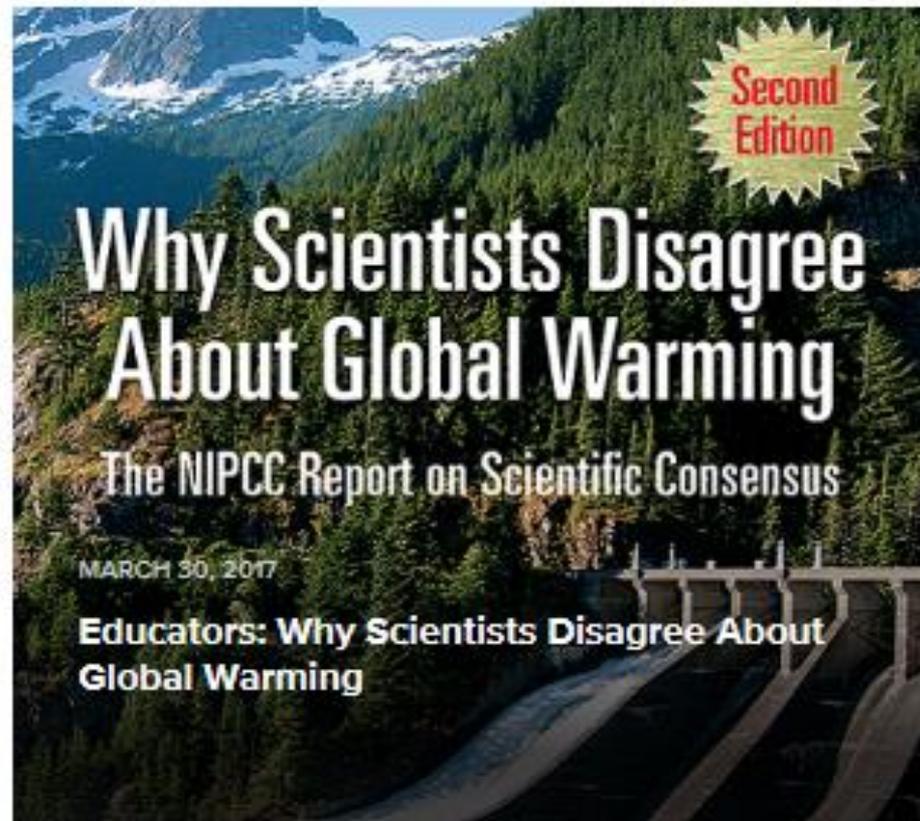
INTERNATIONAL
CONFERENCE



ICCC-12



Watch all of the 12th International
Conference on Climate Change



Second
Edition

Why Scientists Disagree About Global Warming

The NIPCC Report on Scientific Consensus

MARCH 30, 2017

**Educators: Why Scientists Disagree About
Global Warming**

Climate and the Constitution

Harrison H. Schmitt

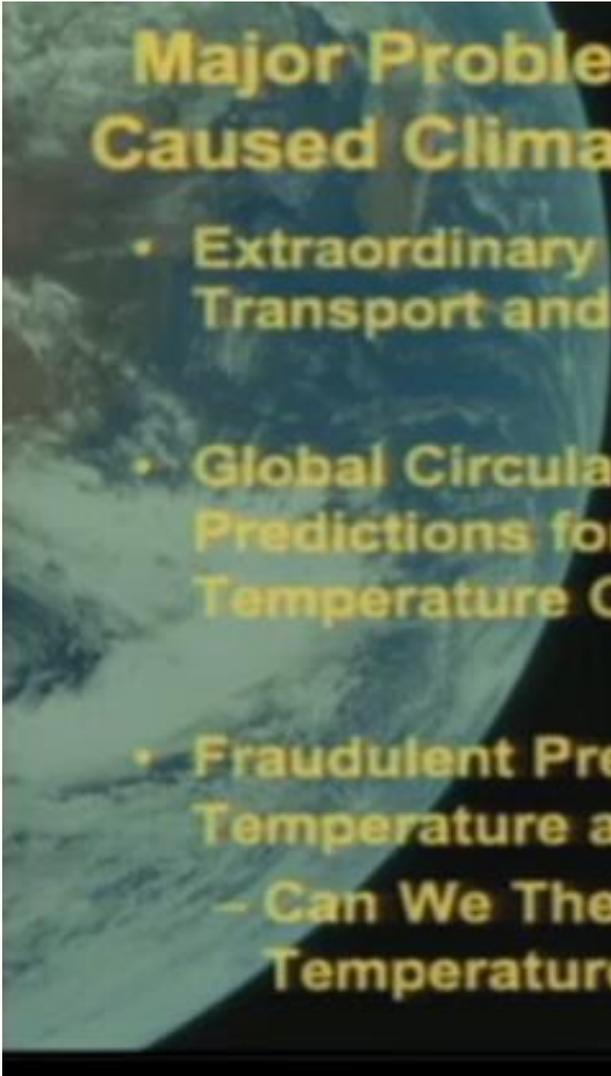
Heartland Institute
6th International Climate Conference
Washington DC
June 30~July 1, 2011

Constitutional Limitations

- No Enumerated Provision Gives The Congress, Executive, or Judiciary the Power Over Climate

Plausibility of Government Actions

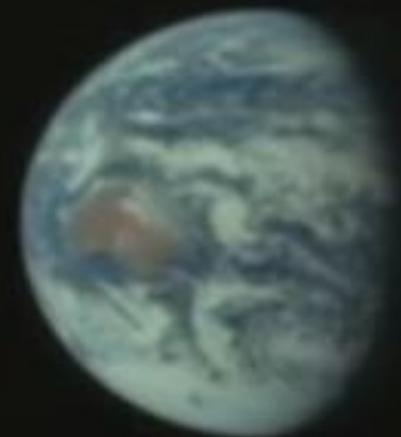
- **IF Human-Caused Hypothesis Correct:**
 - Cost and Regulation of any Plausible Actions Violate Article 1 and the 9th Amendment's Protections of Liberty, the Pursuit of Happiness, Travel, Property, etc.
 - Energy and Economic Losses Undercut Constitutional Requirement to Provide for the Common Defense
- **IF Natural Causes Hypothesis Correct;**
 - Regulation and Taxation can have no Plausible Mitigation Effects Other than Economic Decline



Major Problems Faced by Human-Caused Climate Change Hypothesis

- **Extraordinary Capacity of Oceans to Store, Transport and Release Heat**
- **Global Circulation Models' Incorrect Predictions for Terrestrial and Tropospheric Temperature Change**
- **Fraudulent Presentation of Data for Global Temperature and Carbon Dioxide Trends**
 - **Can We Then Trust the Modern Temperature Records or the Models?**

**Politics May Be Moving In
Direction of Scientific Sanity**



He resigned his membership in the Planetary Society because of its stance on the subject [*climate change*], writing in his resignation letter that the

"global warming scare is being used as a political tool to increase government control over American lives, incomes and decision-making."

In a 2009 interview, Schmitt asserted a link between Soviet Communism and the American environmental movement:

"I think the whole trend really began with the fall of the Soviet Union. Because the great champion of the opponents of liberty, namely communism, had to find some other place to go and they basically went into the environmental movement."

Schmitt co-authored a May 8, 2013 *Wall Street Journal* opinion column contending that increasing levels of carbon dioxide in the atmosphere are not significantly correlated with global warming, attributing the "single-minded demonization of this natural and essential atmospheric gas" to advocates of government control of energy production

"Contrary to what some would have us believe, increased carbon dioxide in the atmosphere will benefit the increasing population on the planet by increasing agricultural productivity."



Living with Cancer
The changing science

Beyond Detente: Why We Can't Beat The Soviets



M*A*S*H
What Exit Will Frank Take?

TIME

SPECIAL DOUBLE ISSUE



How To Survive The Coming Ice Age

51 Things You Can Do to Make a Difference

1977

SPECIAL REPORT GLOBAL WARMING

TIME

BE WORRIED.
BE **VERY** WORRIED.

Climate change isn't some vague future problem—it's already damaging the planet at an alarming pace. Here's how it affects you, your kids and their kids as well.

EARTH AT THE TIPPING POINT

HOW IT THREATENS YOUR **HEALTH**

HOW **CHINA & INDIA** CAN HELP

SAVE THE WORLD—OR DESTROY IT

THE CLIMATE **CRUSADERS**



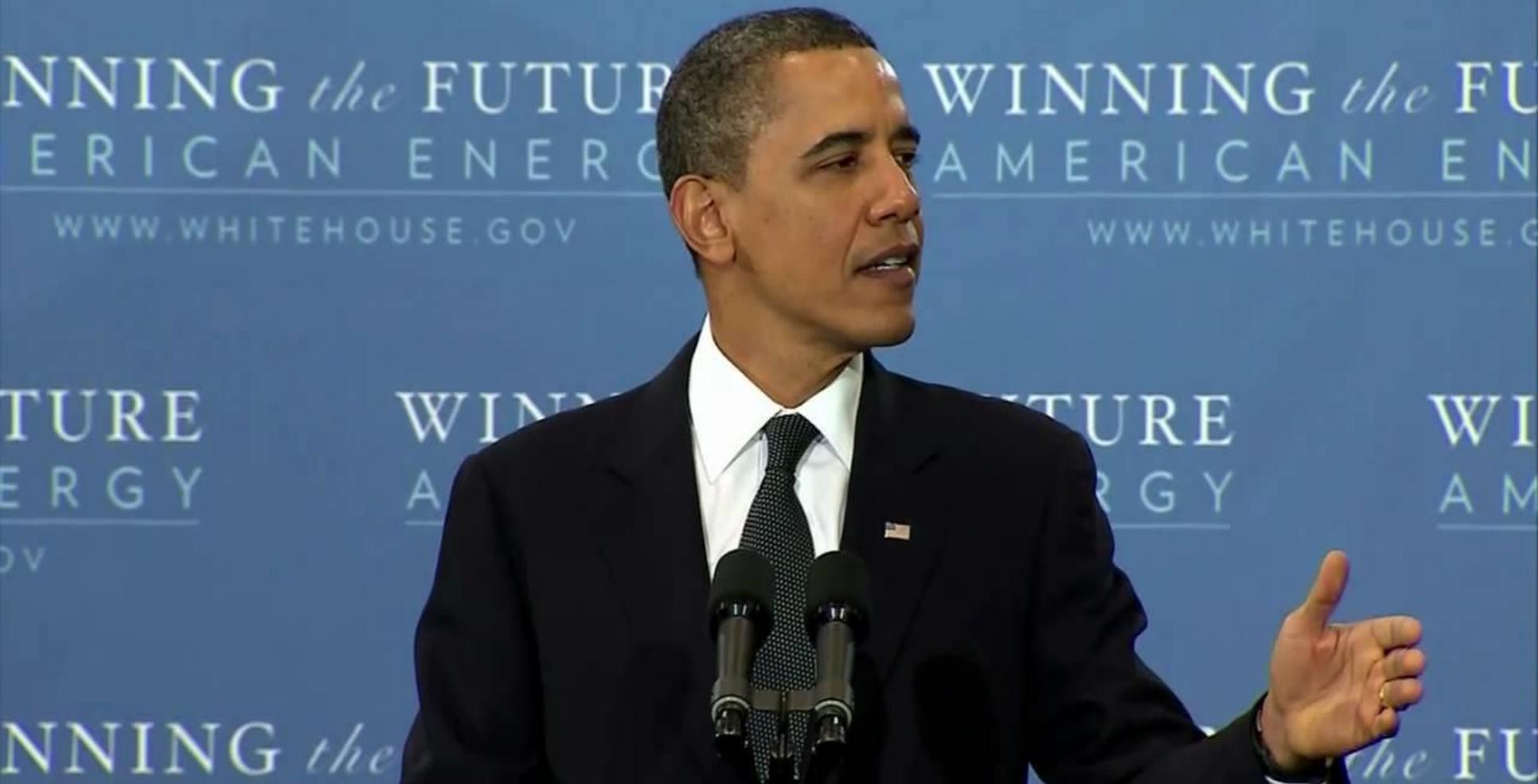
2006



- VERY WARM WEATHER
- VERY COLD WEATHER
- WEATHER
- FALLING AUTUMN LEAVES
- FALLING PRESIDENTIAL APPROVAL RATINGS
- WARMING ON MARS
- SQUIRREL ATTACKS
- BALDING CLIMATE SCIENTISTS NOT BEING ABLE TO GET DATES

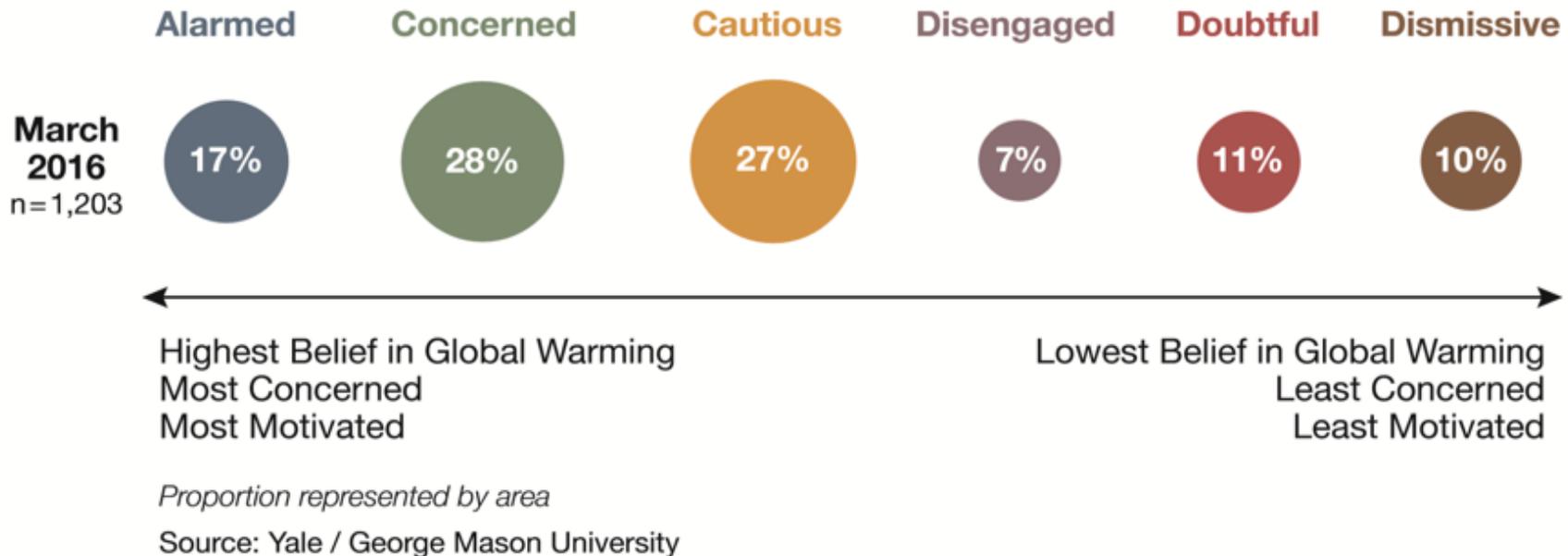
America's Energy Security

by whitehouse



Georgetown University, 30 March, 2011

Know your audience ... the six global warming “publics”



<http://climatecommunication.yale.edu/publications/six-americas-2016-election>
George Mason Univ and Yale Univ

Yale Project on Climate Change Communication
<http://environment.yale.edu/climate/>

Figure 5: Attitudinal certainty

"I could easily change my mind about global warming."

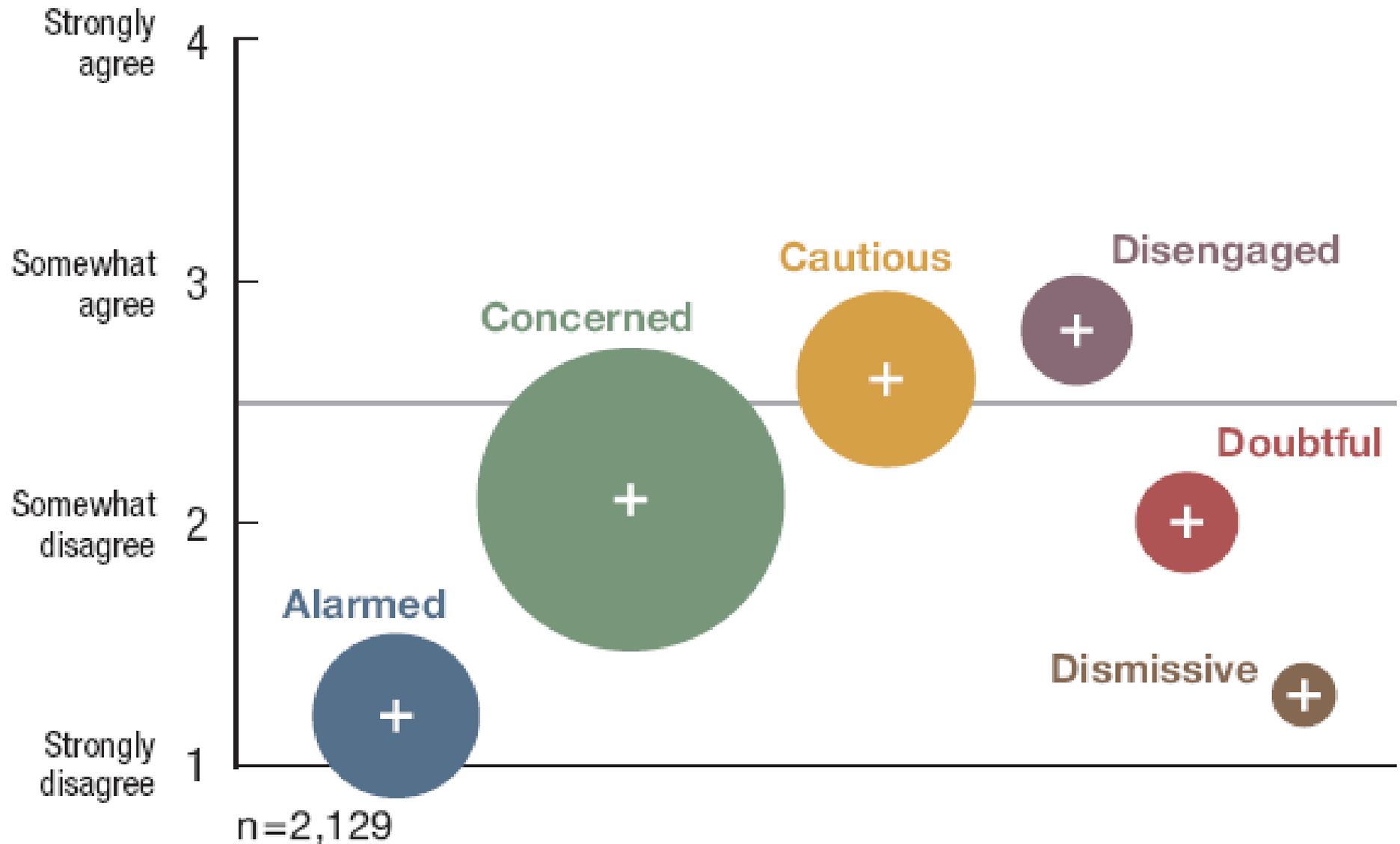
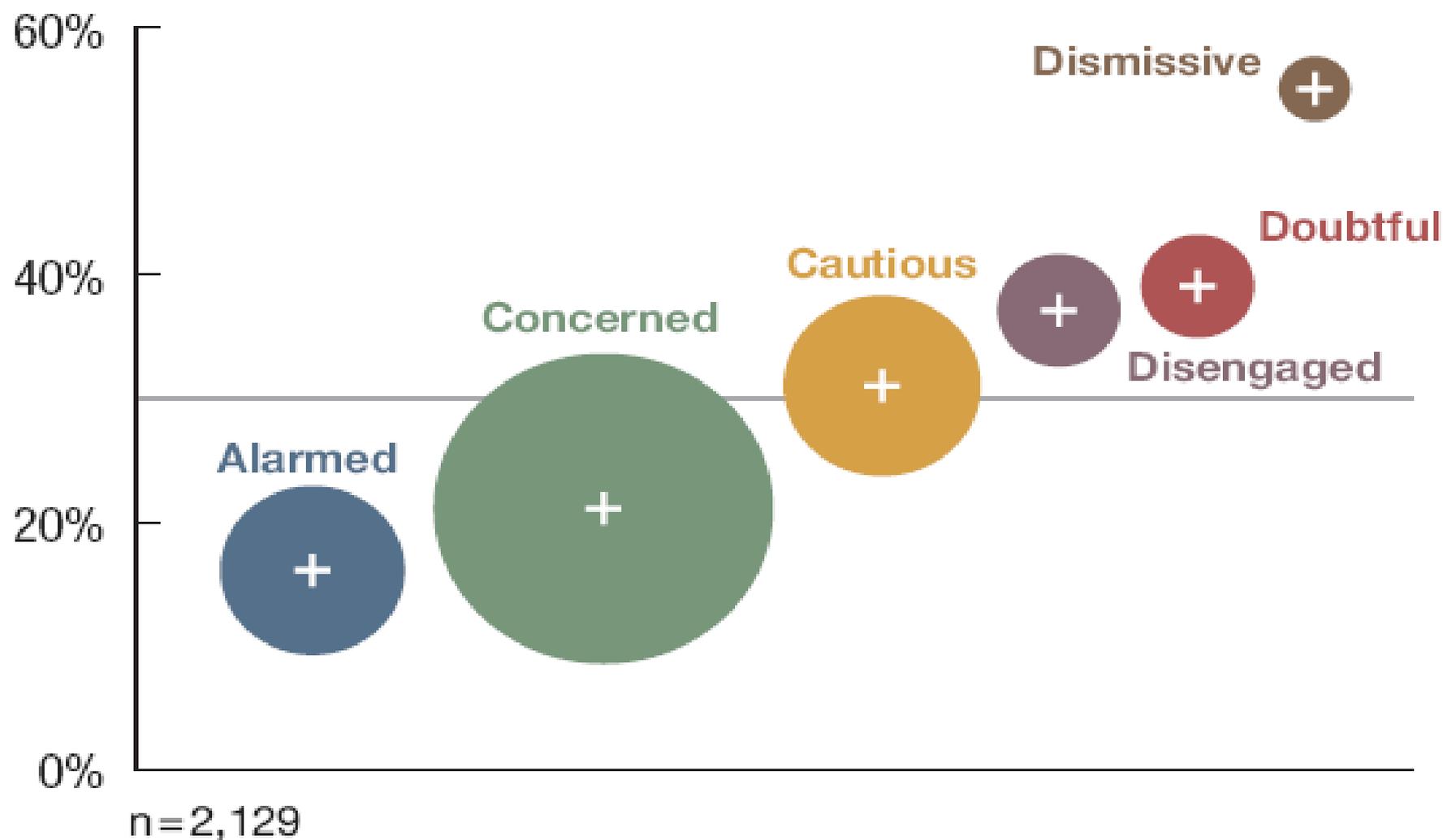


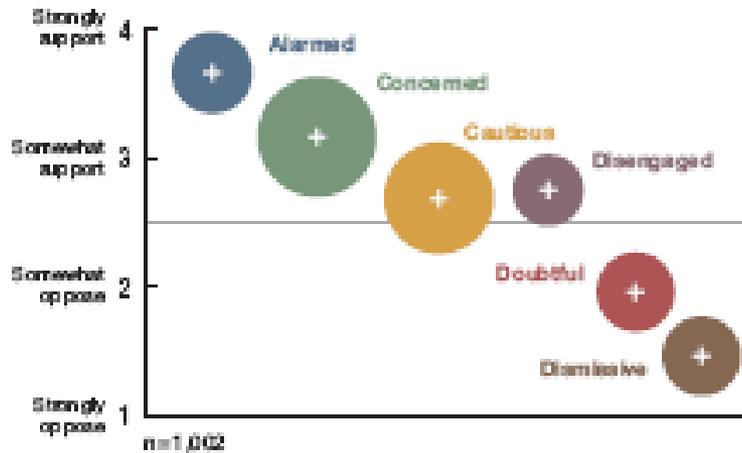
Figure 33: Proportion “born again” or evangelical

Would you describe yourself as “born-again” or evangelical?

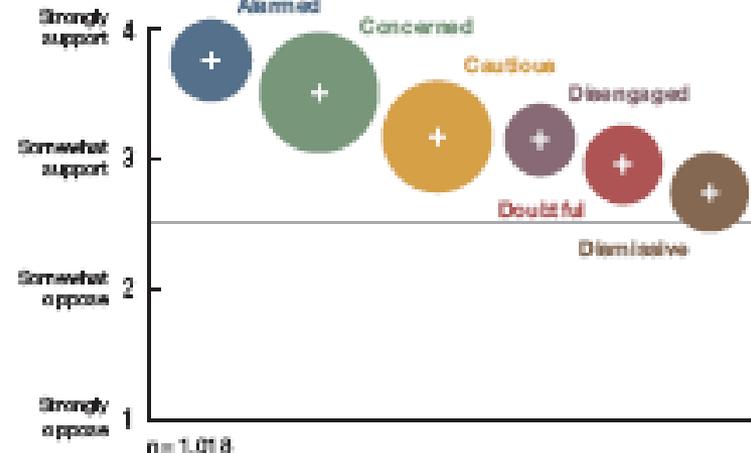


Support for Climate & Energy Policies

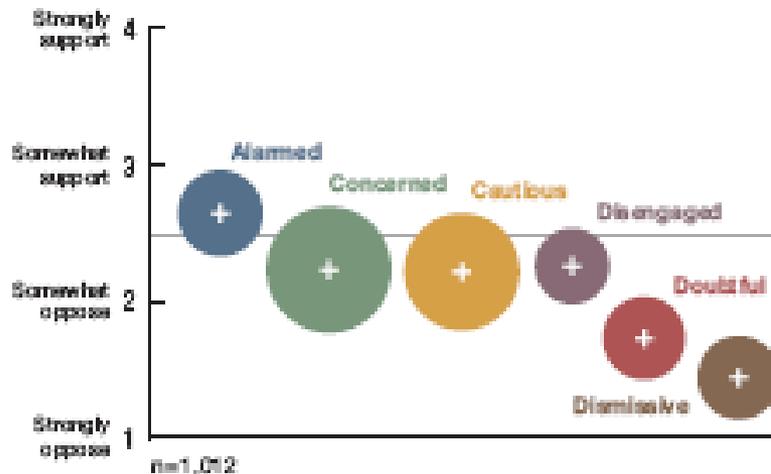
An International Treaty



Renewable Energy Research



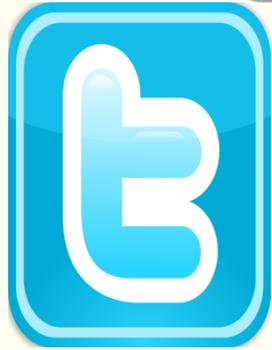
A 25 Cent Gas Tax



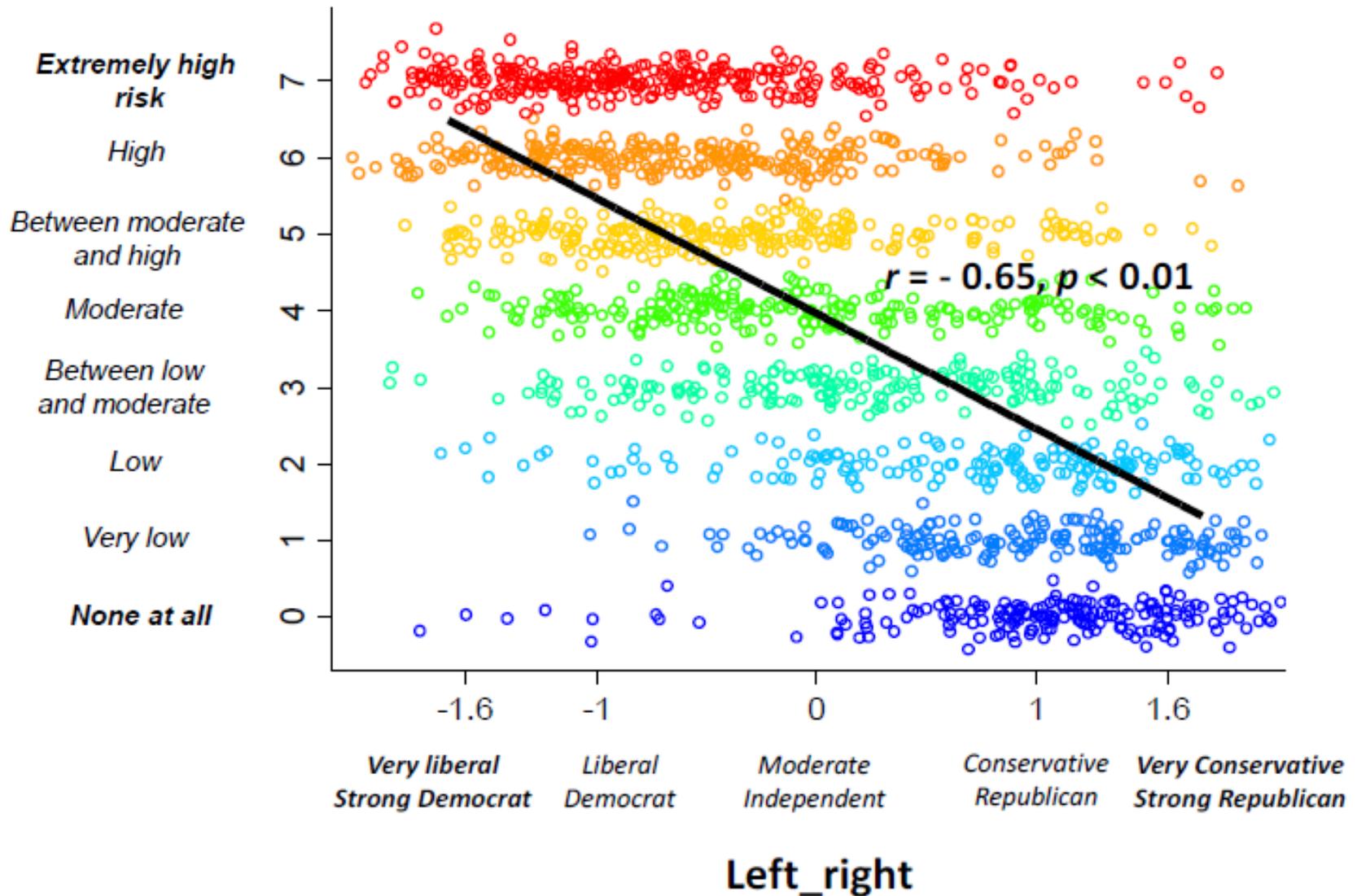


Values
Beliefs
Experience
Interests
Knowledge





“How much risk do you believe **global warming** poses to human health, safety, or prosperity?”



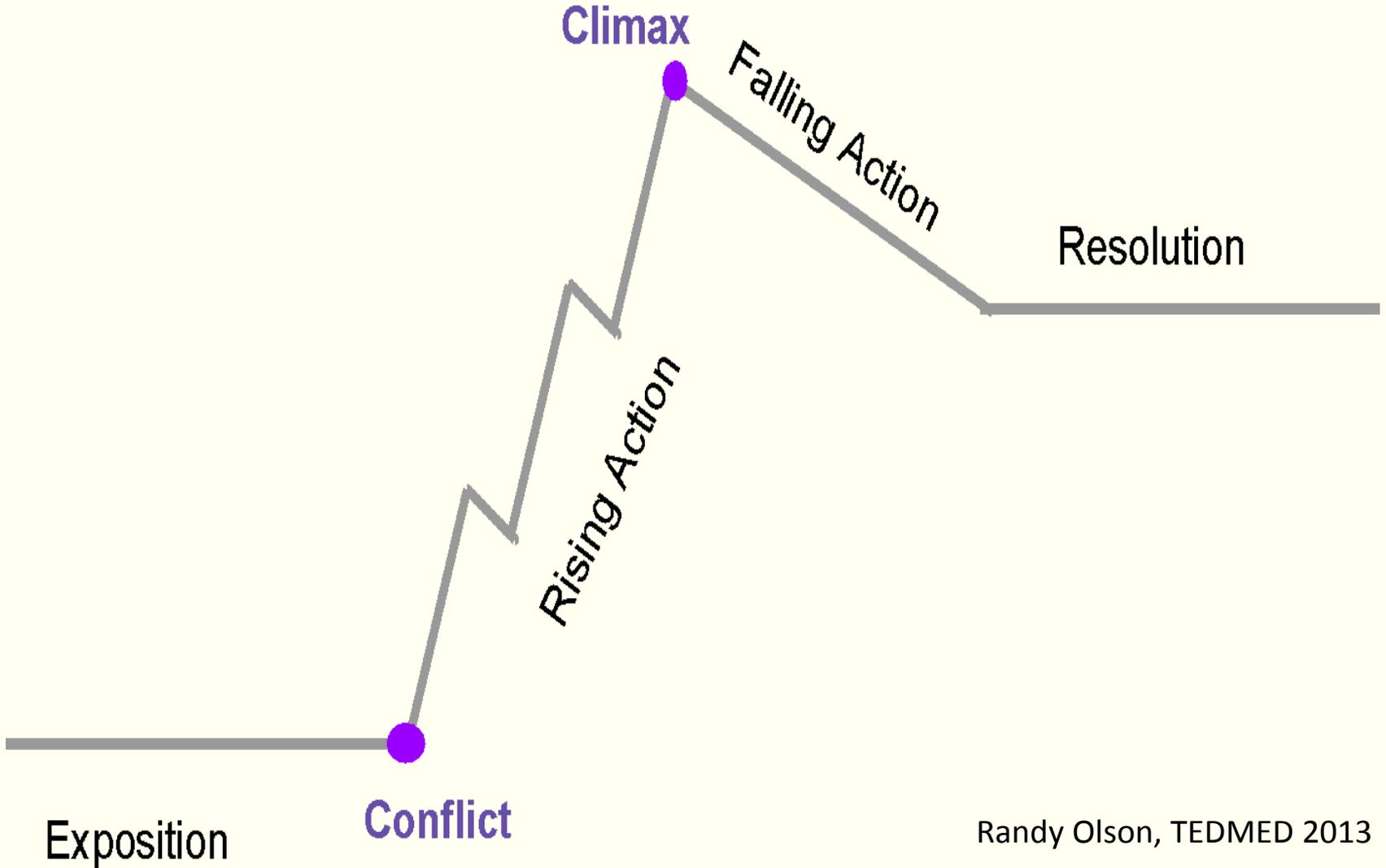
The Boyhood of Raleigh by *Sir John Everett Millais*



Beginning

Middle

End



Agreement

AND

Also
Equally
Plus
Like
As
Too

Contradiction

BUT

Despite
However
Yet
Unlike
Besides
Although

Consequence

THEREFORE

As a result
For this reason
In that case
In effect
Thus
So

The Narrative Spectrum

AAA

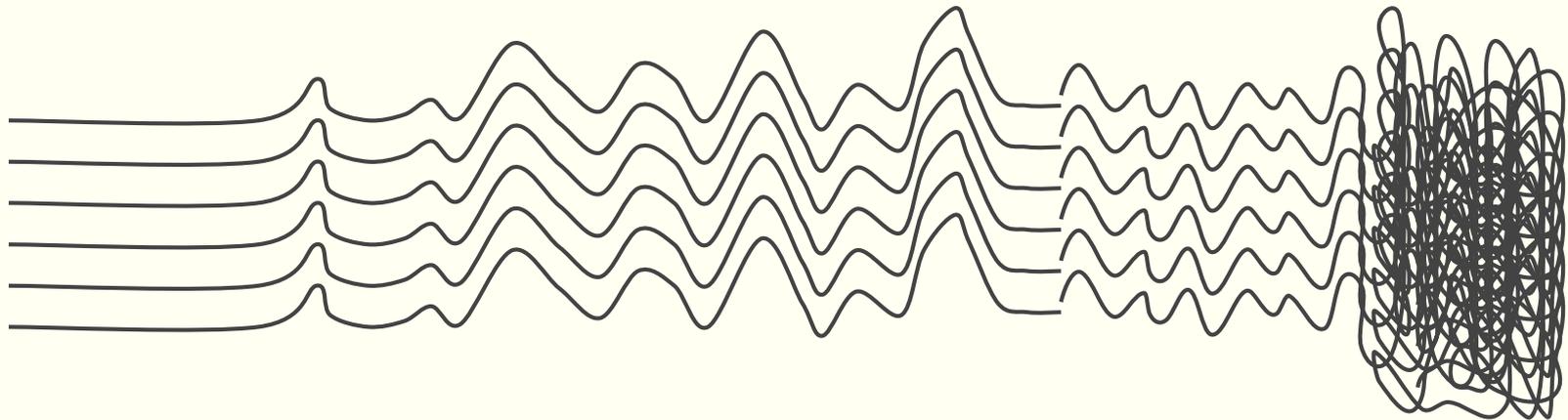
And, and, and

ABT

and, but, therefore

DHY

despite, however, yet



Boring

non-narrative

Interesting

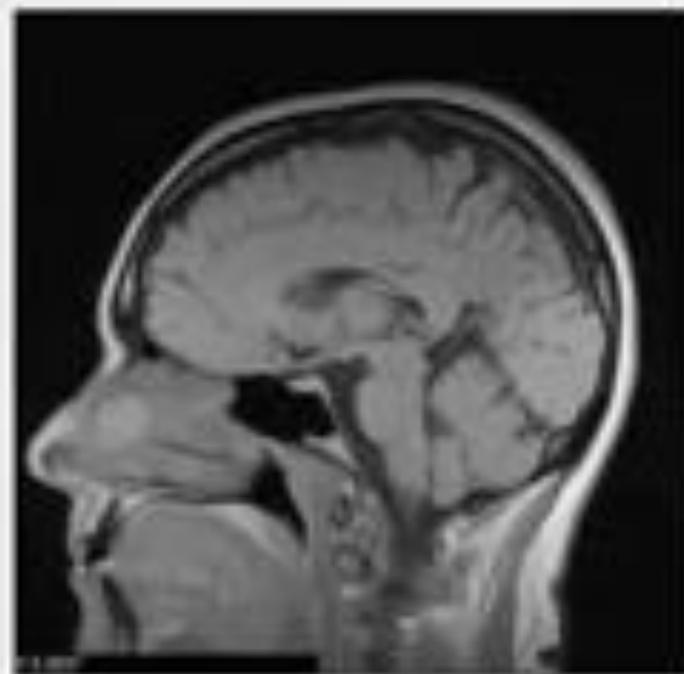
narrative

Confusing

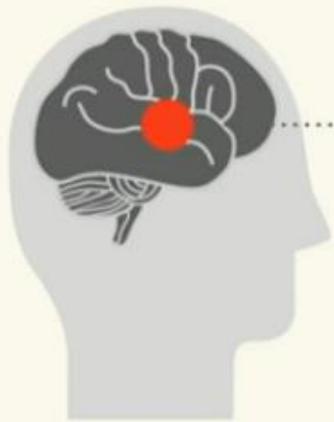
overly narrative



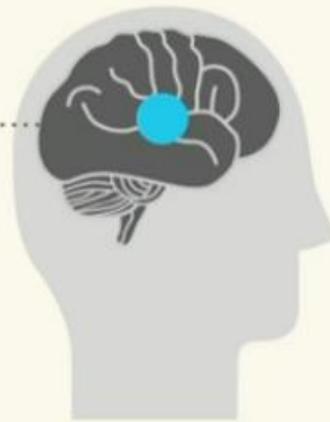
Uri Hasson, Princeton
University
TED Talk, March 2016



Neurocinematics



Listener 1



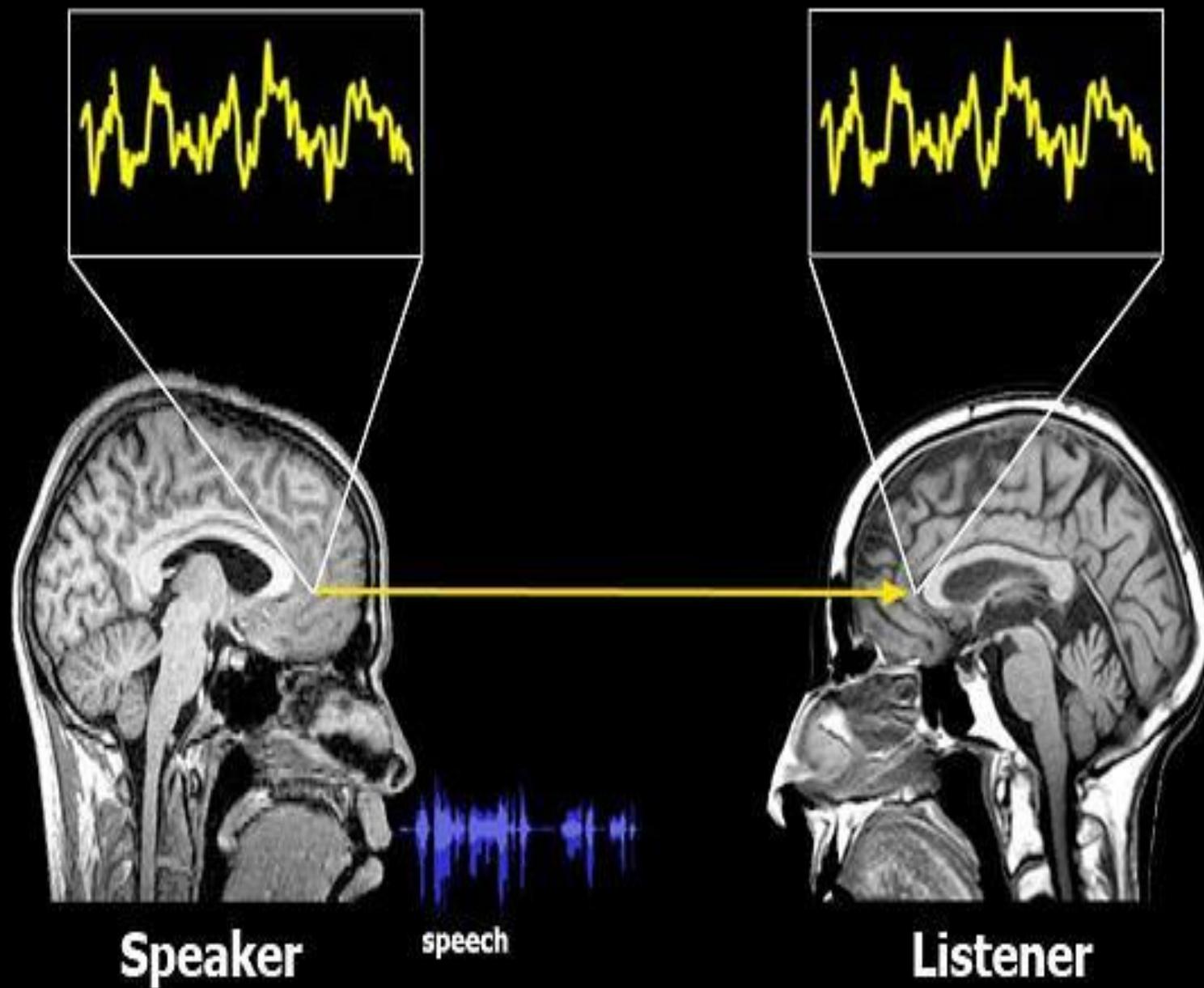
Listener 2

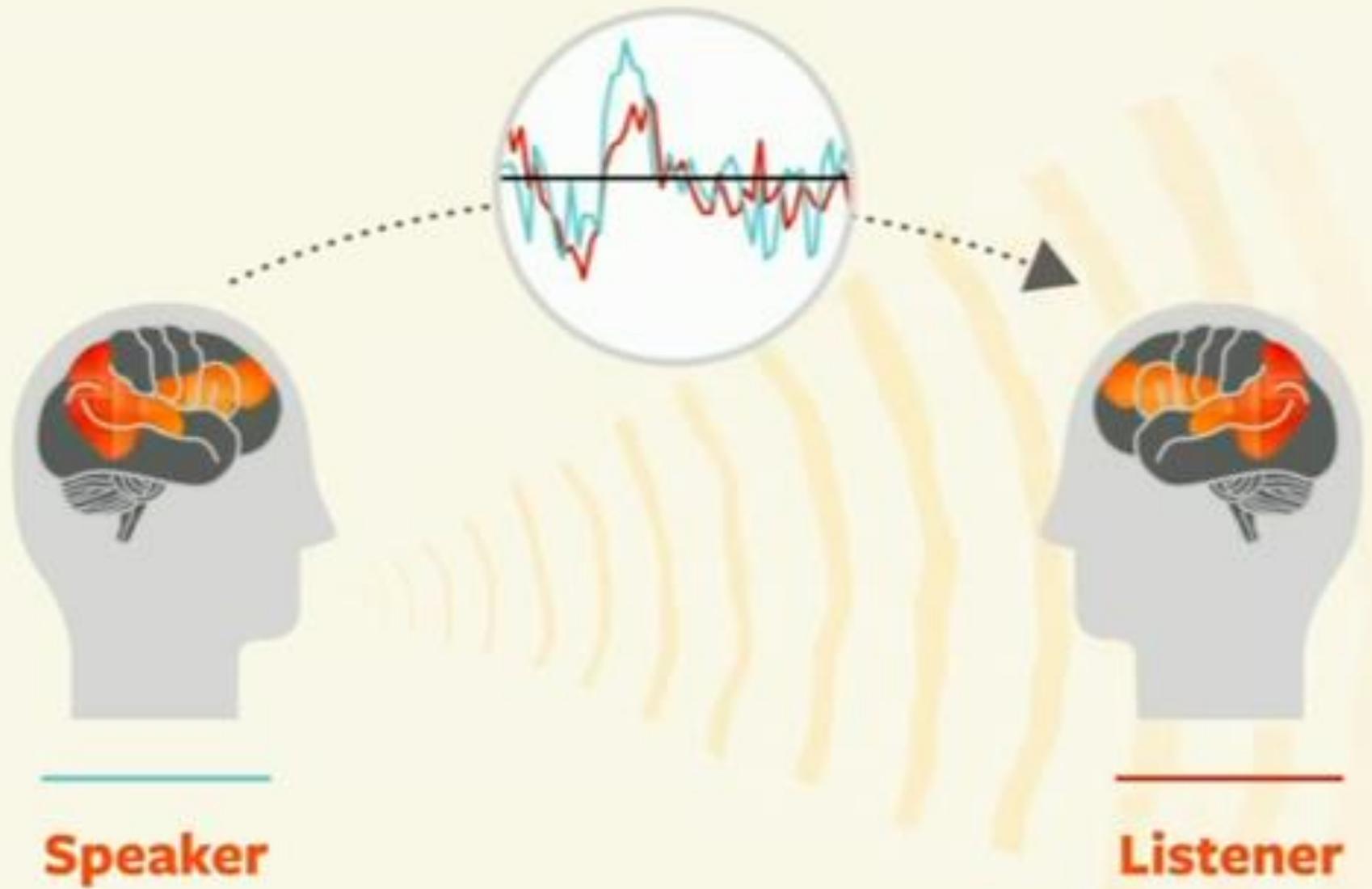
- LISTENER 1
- LISTENER 2
- LISTENER 3
- LISTENER 4
- LISTENER 5



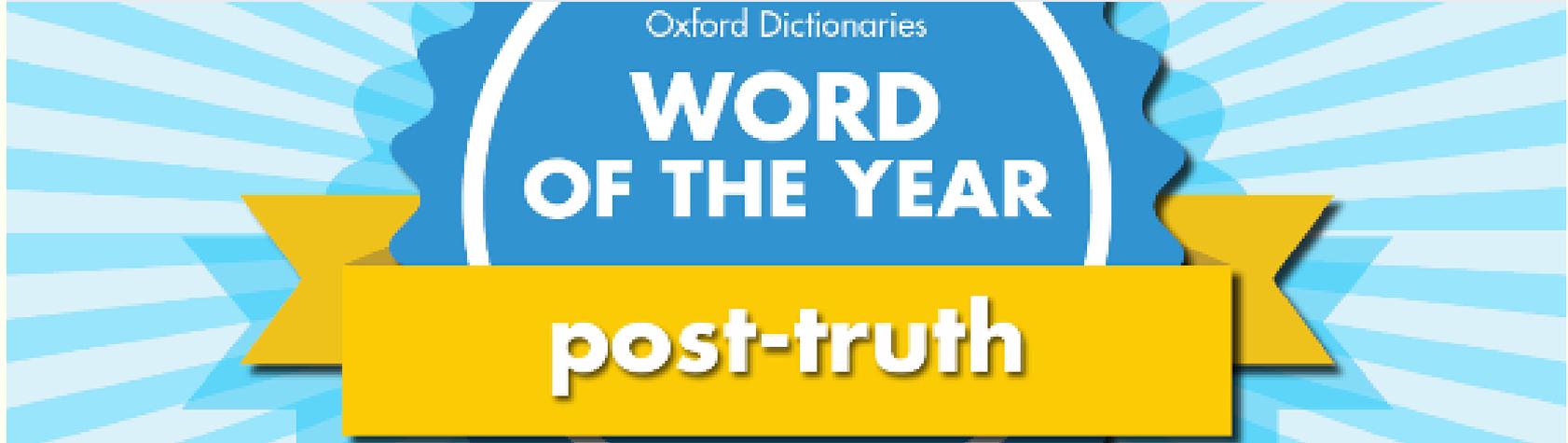
During Rest

Speaker-Listener Neural Coupling









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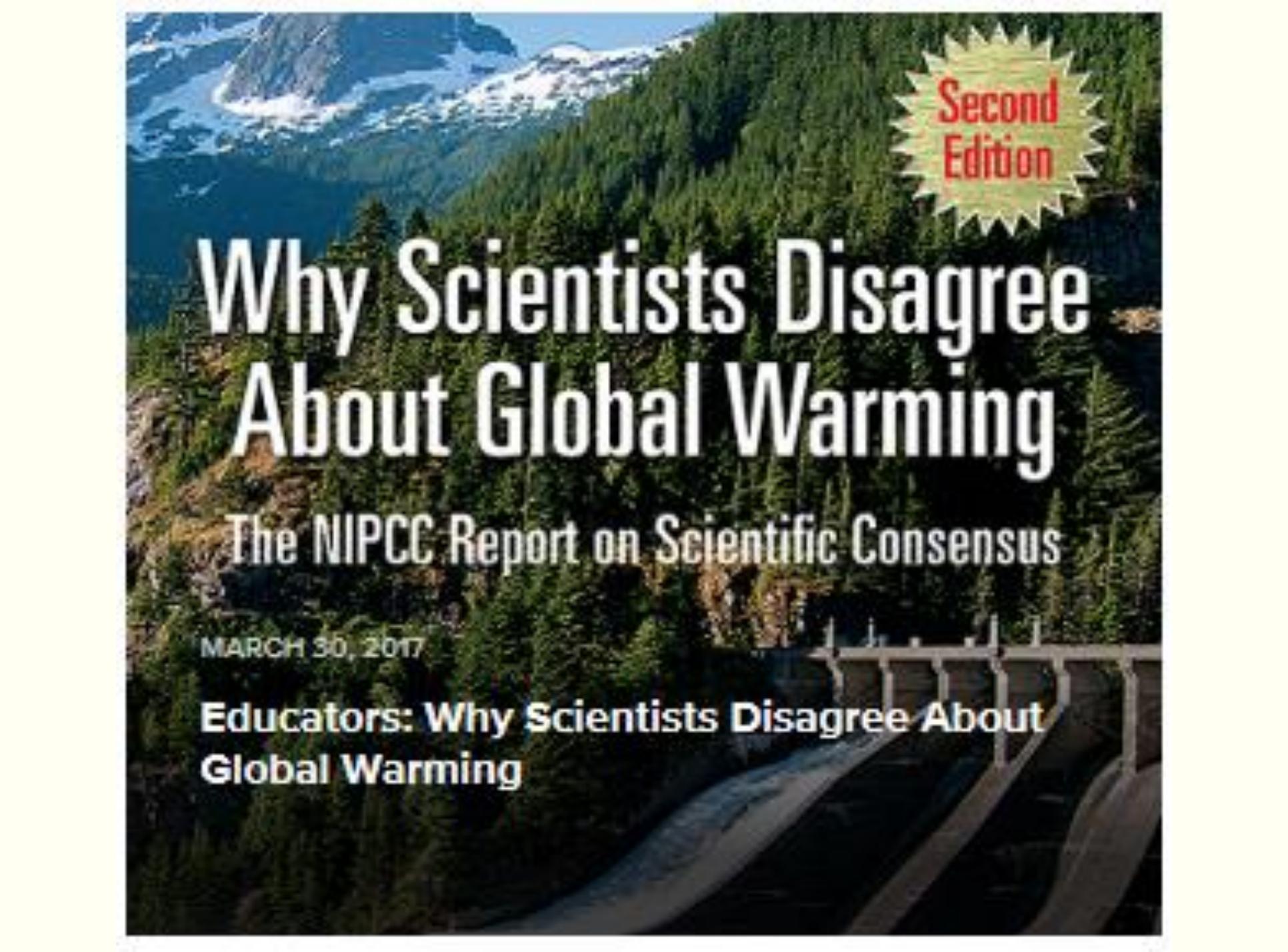


Word of the Year 2016 is...

post-truth – an adjective defined as ‘relating to or denoting circumstances in which objective facts are less influential in shaping public opinion than appeals to emotion and personal belief’







**Second
Edition**

Why Scientists Disagree About Global Warming

The NIPCC Report on Scientific Consensus

MARCH 30, 2017

**Educators: Why Scientists Disagree About
Global Warming**



Skeptical Science

Getting skeptical about global warming skepticism



- Home
- Arguments
- Software
- Resources
- Comments
- The Consensus Project
- Translations
- About

Explaining climate change science & rebutting global warming misinformation

Scientific skepticism is healthy. Scientists should always challenge themselves to improve their understanding. Yet this isn't what happens with climate change denial. Skeptics vigorously criticise any evidence that supports man-made global warming and yet embrace any argument, op-ed, blog or study that purports to refute global warming. This website gets skeptical about global warming skepticism. Do their arguments have any scientific basis? What does the peer reviewed scientific literature say?

MOST USED Climate Myths

and what the science really says...

- 1 - Climate's changed before
- 2 - It's the sun

Newcomers, start here

History of Climate Science

Timeline: 1930, 1940, 1950, 1960

The Big Picture

[Skeptical Science](https://www.skepticalscience.com/)

<https://www.skepticalscience.com/>

dpearson@laurentian.ca

Climate change impacts and adaptation in remote First Nations in far north Ontario

Boundary of Far North for illustration only

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Thank you

