



Journeying from
climate denial to
justice:

An interdisciplinary
approach

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Indiana University, Bloomington



Early teaching

- Elem/Middle School teacher (1992-1998)
 - Environmental issues vs Social Justice



Perspectives on Practice

Then and Now: Time for Ecojustice Literacies

James S. Damico

Climate change intersects with deeply rooted systemic injustices.
The idea of teaching ecojustice literacies is a key way forward.

Then and Now: Time for Ecojustice Literacies

I am a former elementary and middle school teacher who taught in the 1990s with a commitment to the environment. Students and I explored the effects of environmental devastation in books like Dr. Suess's *The Lorax* and rainforest preservation and river pollution and restoration in books like Lynne Cherry's *The Great Kapok Tree* and *A River Ran Wild*. Students in my classroom wrote poetry and short stories about nature and the preservation of animal habitats, studied local conservation issues, wrote letters to political leaders, and led school recycling efforts.

I more clearly see how I carried out my commitments to teach about the environment and to teach about social justice separately.

historians like Howard Zinn, including his influential book, *A People's History of the United States*.

Today, from the distance of a few decades, I more clearly see how I carried out my commitments to teach about the environment and to teach about social justice separately, approaching each as having distinct learning goals. (Looking back, I can also identify missed opportunities to do a better job in each of these areas.)

In many ways, my approach, which separated environmental concerns from social justice issues, mirrored what was happening in the United States. The environmental movement in the 1960s and 1970 was a time of widespread public support and significant legislative gains to address air and water pollution and pesticide use and to protect endangered species. For the next few decades and into the twenty-first century, this movement, which was led by predominately white, well-resourced groups like

Content Literacy Courses

- Professor, Teacher Educator (2004-present)
 - Complex problems (globalization, health care, 9/11)
 - 2008 teaching climate change across content areas
 - Scholarship in preservice teacher ed
 - evaluate website reliability
 - dialogue across climate beliefs
 - ways to read a climate denial text
 - teaching in “post-truth” era and “age of limits”
 - my journey toward “ecojustice literacies”

Reading for Reliability: Preservice Teachers Evaluate Web Sources About Climate Change

James S. Damico, Alexandra Panos

Reading and evaluating the reliability of sources about a complex, divisive topic such as climate change helps future teachers rethink their assessment of bias, authorship, claims, and evidence.

Climate change is a divisive issue in the United States. Although there is consensus in the scientific research community that human-caused (anthropogenic) climate change is happening, with 97% of scientists in agreement (Cook et al., 2013; Oreskes, 2004), there is no such agreement among the general public. People in the United States have varied perspectives on climate change (Edwards et al., 2009; Edwards et al., 2010).

Determining Reliability of Web Sources

Reliable information sources are those we can trust. When we believe that the author, creator, or sponsor of a source has done due diligence to ensure that the information presented and claims made are accurate, reasonable, and substantiated with quality evidence, we tend

J. Damico, M. Baildon & A. Panos | *Journal of Media Literacy Education* 2018 10(2), 11 - 32

Available online at www.jmle.org



The National Association for Media Literacy Education's
Journal of Media Literacy Education 10 (2), 11 - 32

Media Literacy and Climate Change in a Post-Truth Society

James S. Damico

Indiana University

Mark Baildon

National University of Singapore

Alexandra Panos

University of Nebraska at Omaha

ABSTRACT

In this article we draw from ecopedagogy and a civic media literacy framework to consider what happened when three pairs of preservice teachers with different academic backgrounds and climate change beliefs jointly evaluated the reliability of two media sources that make opposing arguments about climate change. An ecopedagogy perspective attends to the environmental impact of the “stories-we-live-by” and a civic media literacy lens highlights the centrality of dialogue and deliberation along with critical reading when evaluating the reliability of information sources about complex socioscientific topics like climate change. Our findings highlight the ways the three pairs of preservice teachers considered three aspects of reliability: provenance, purpose, and content. Findings also point to three reliability stories that the preservice teachers drew on as they evaluated the two media sources: (1) having the “other side” represented, (2) wanting more information or evidence to support an argument, and (3) acknowledging one’s own identity and perspectives.

Keywords: media literacy, climate change, reliability

Interdisciplinary Instructional Approaches

Determine reliability: Are these information sources trustworthy?

Examine climate denial: What techniques are being used?

Explore questions: What inquiry pathways can we pursue?

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Examine climate denial: What techniques are being used?

Explore questions: What inquiry pathways can we pursue?

Instructional model: Civic Media Literacy

Select diverse digital information sources

Type, purpose, complexity, claims

IPCC-58



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UNEP
Nobel
2007 PEACE PRIZE
© THE NOBEL FOUNDATION



<http://climatechangereconsidered.org/>



Quantifying renewable resources →

We have set targets and aims to reduce emissions in our operations, improve our products to help our customers reduce their emissions, and create low carbon businesses. We are already in action and have made progress in 2018 towards these ambitions.

<https://www.bp.com/en/global/corporate/sustainability/climate-change.html>



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Richard Muller, who directed a Koch-funded climate change project, has undergone a 'total turnaround' on his stance on global warming, which he now admits is caused by human activity.



<http://www.csmonitor.com/Science/2012/0730/Prominent-climate-change-denier-now-ac>

Instructional model: Civic Media Literacy

Select diverse digital information sources

Type, purpose, complexity, claims

Make thinking visible (independent work*)

Reliability spectrum: *Highly reliable, Somewhat reliable, Somewhat unreliable, Unreliable*

Traverse sources multiple times

T1 (Screenshot) **T2** (live website & prompts) **T3** (whole class deliberation)

*** Independence is a pre-requisite for wisdom of crowds.**

Kahneman, D., Sibony, O., & Sunstein, C. R. (2021). *Noise: A flaw in human judgment*. Little, Brown Spark.

Instructional model: Civic Media Literacy

Select diverse digital information sources

Type, purpose, complexity, claims

Make thinking visible (independent work*)

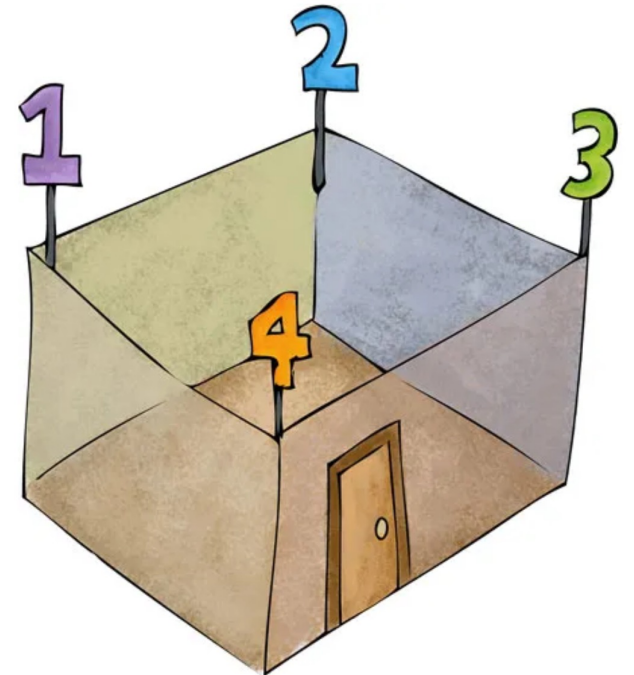
Reliability spectrum: *Highly reliable, Somewhat reliable, Somewhat unreliable, Unreliable*

Traverse sources multiple times

T1 (Screenshot) T2 (live website & prompts) T3 (class deliberation)

Deliberate **reliability** merits of sources

4 corners, Take A Stand

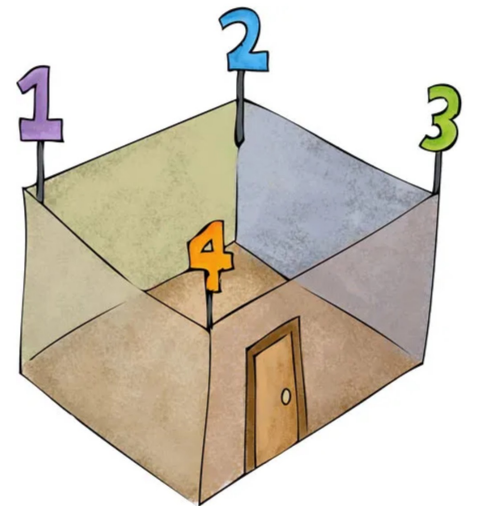


Primary questions

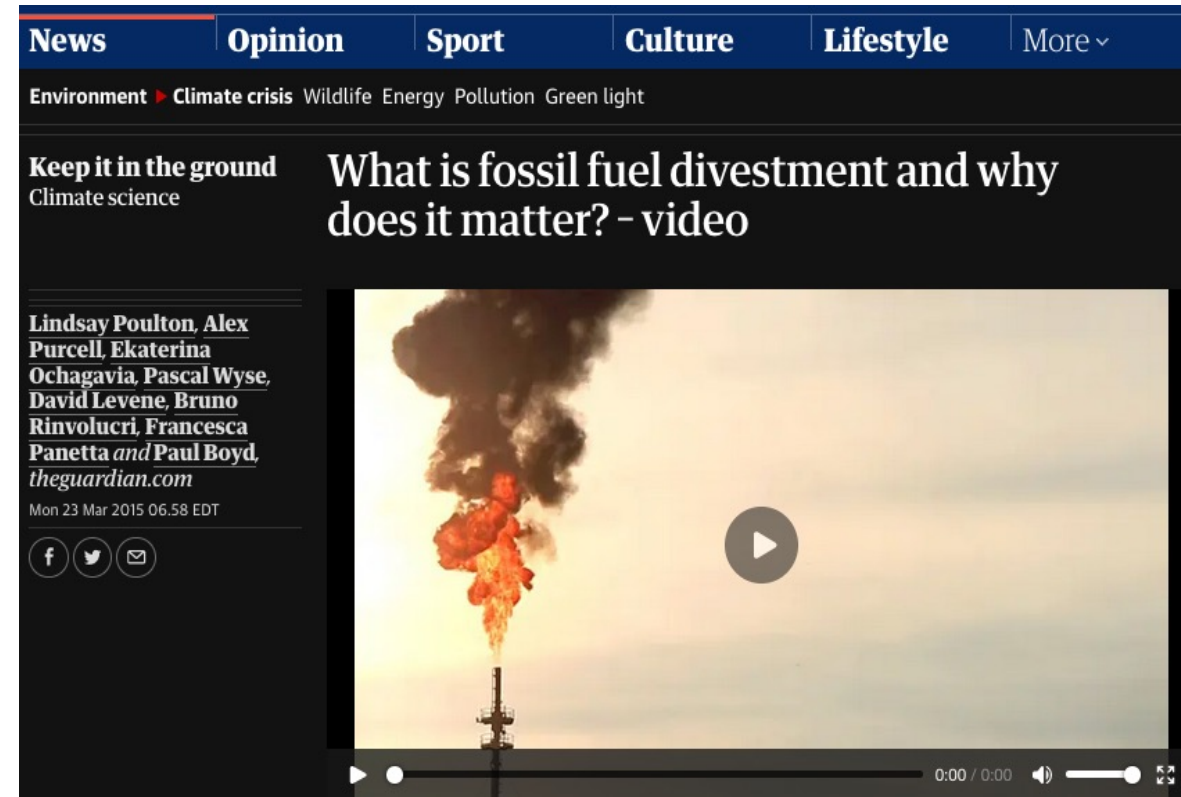
What are the students' reasons for their reliability evaluations at T1 and for modifying or maintaining their evaluations at T2?

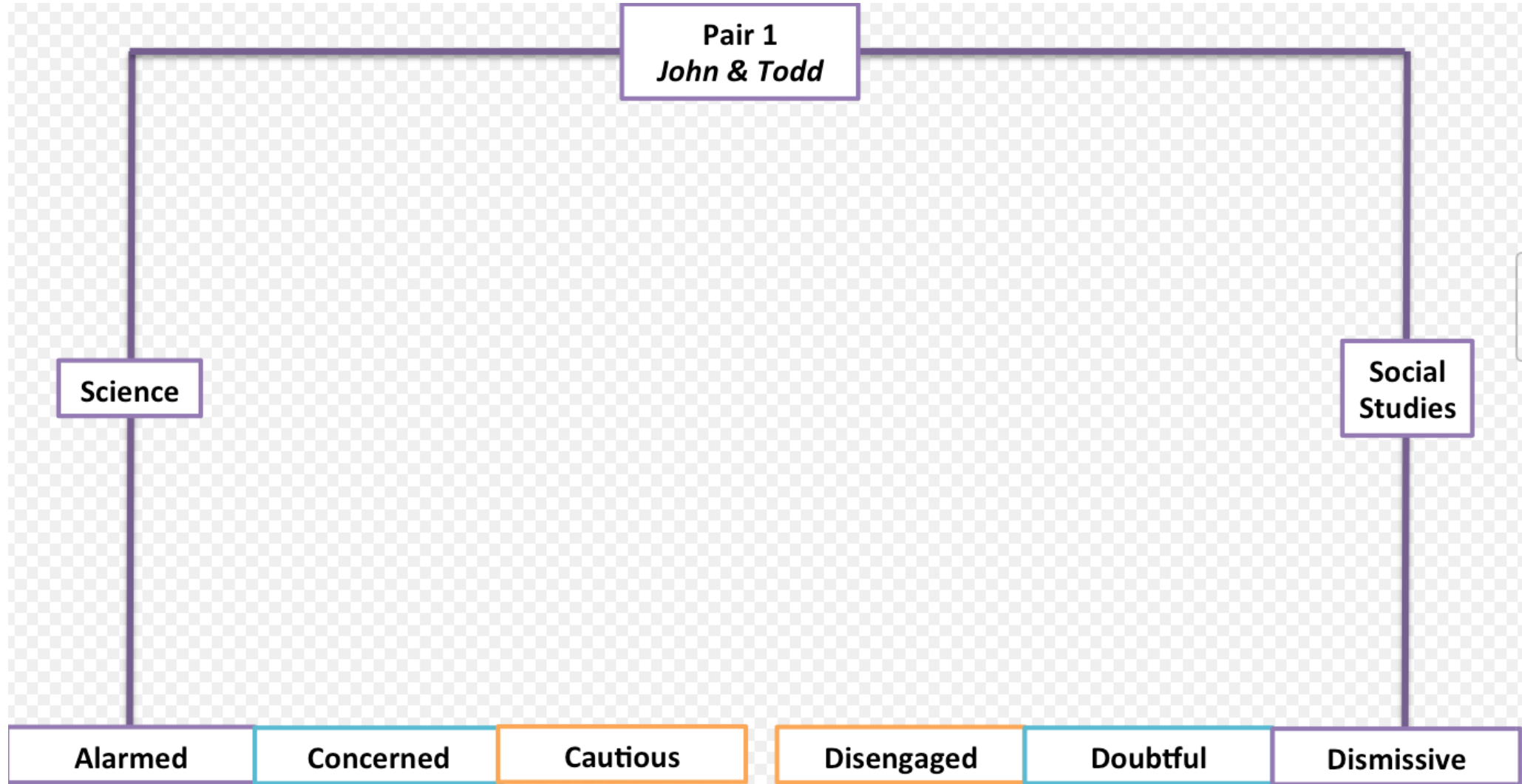
What impact did the whole-group discussion have on students' final evaluations at T3?

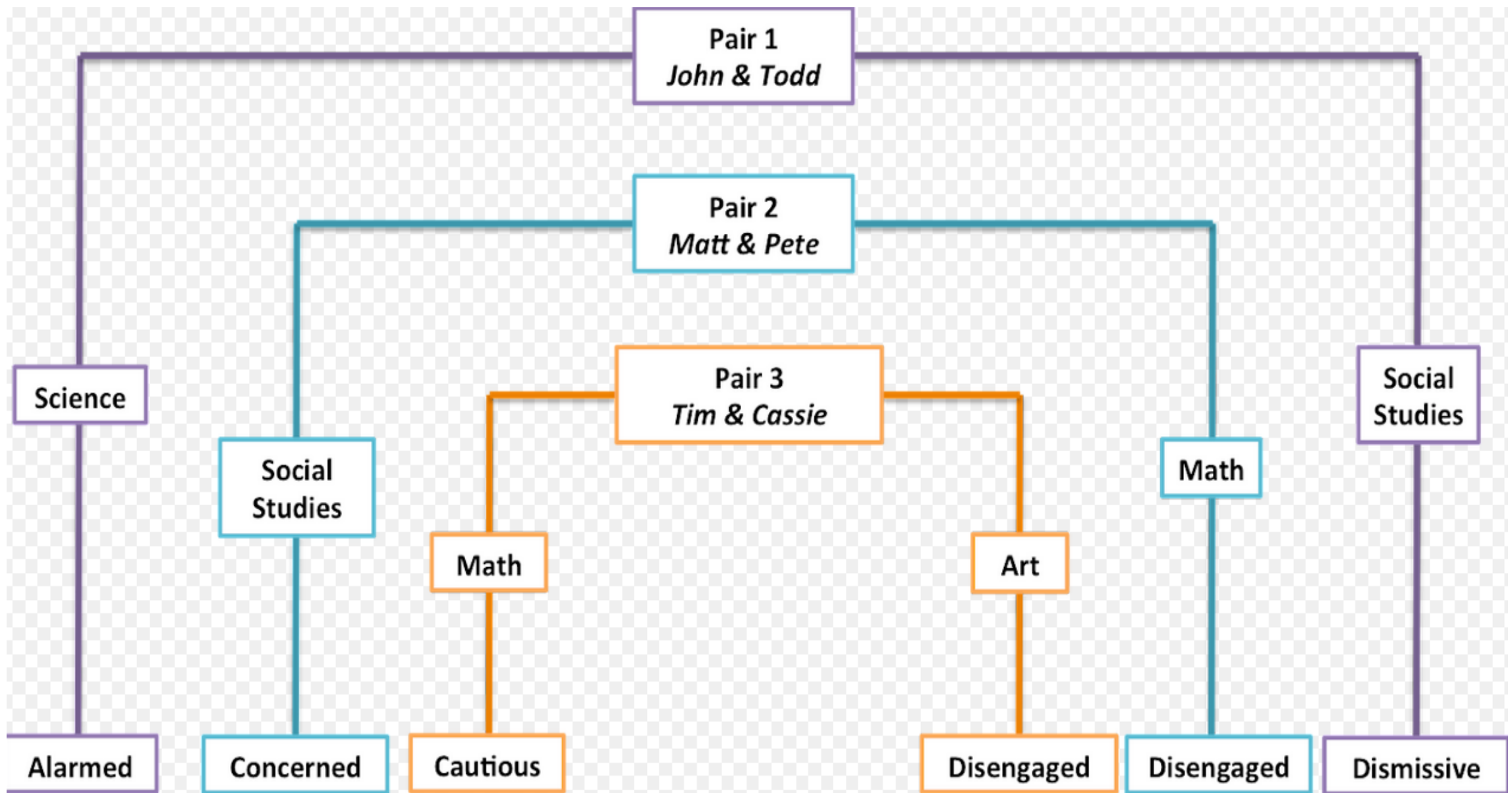
Daniel: Looking at the Heartland Institute and other organizations they fund... they are typically very conservative maybe even leaning towards Christian conservative values. Not necessarily perhaps, but to me trying **to say that that [IPCC] is political and the other [NIPCC] isn't just categorically false** because yeh, you have certain interests within the UN that might speak louder than others but they [NIPCC] call themselves a conservative institute so putting money towards that is saying something significant.



Another example







When determining if a climate change source is reliable, we

1

need the “other side” represented

2

want more information or evidence to support an argument

3

reason through one’s own identity and perspectives

Interdisciplinary Instructional Approaches

Determine reliability: Are these information sources trustworthy?

Examine climate denial: What techniques are being used?

Explore questions: What inquiry pathways can we pursue?

Start with science: *Where are we now?*

97 out of 100 climate experts agree humans are causing global warming



Doran et al 2009, Anderegg et al 2010

<http://sks.to/consensus>

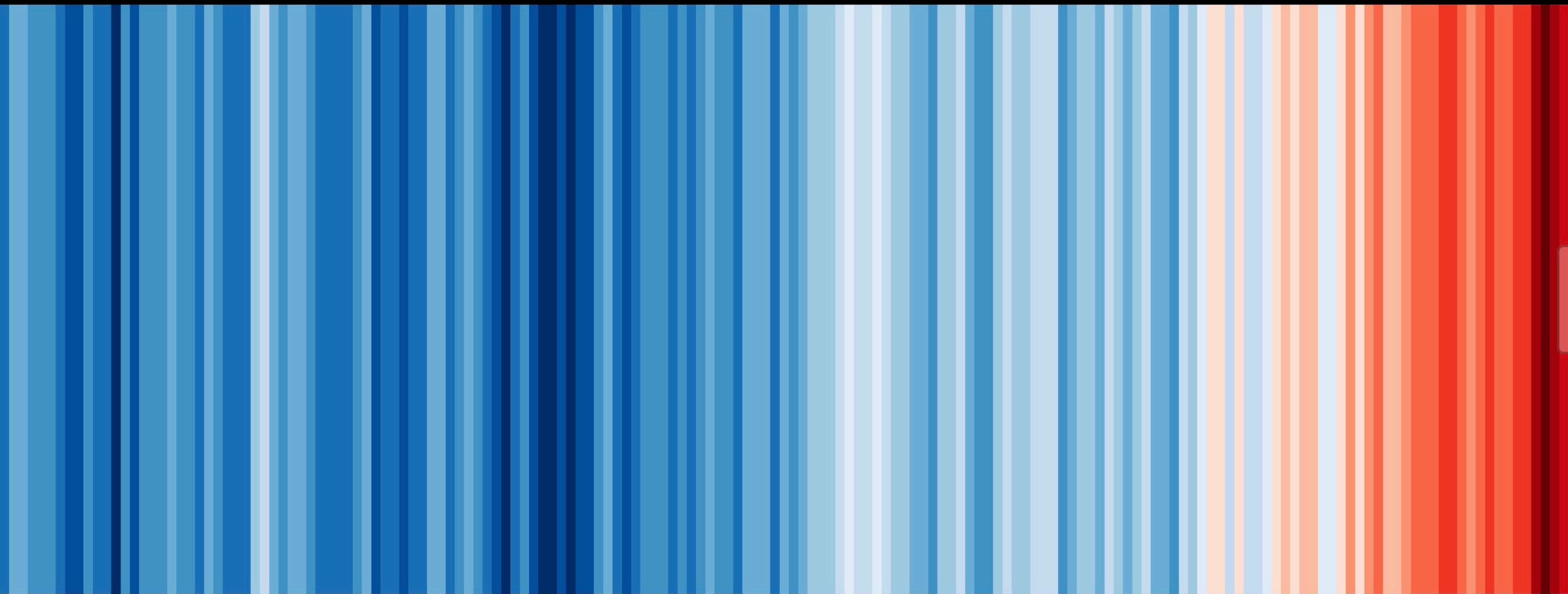


**97% OF ENGINEERS AGREE THE BRIDGE AHEAD
WILL COLLAPSE. 3% SAY NOT TO WORRY.**

WOULD YOU KEEP DRIVING?

**WE LISTEN TO EXPERTS. SO WHEN 97% OF CLIMATE
SCIENTISTS AGREE MAN-MADE CLIMATE CHANGE IS REAL,**

IT'S TIME TO LISTEN.



From Climatologist, Ed Hawkins https://en.wikipedia.org/wiki/Ed_Hawkins

Climate Change Is Not Negotiable

July 23, 2022

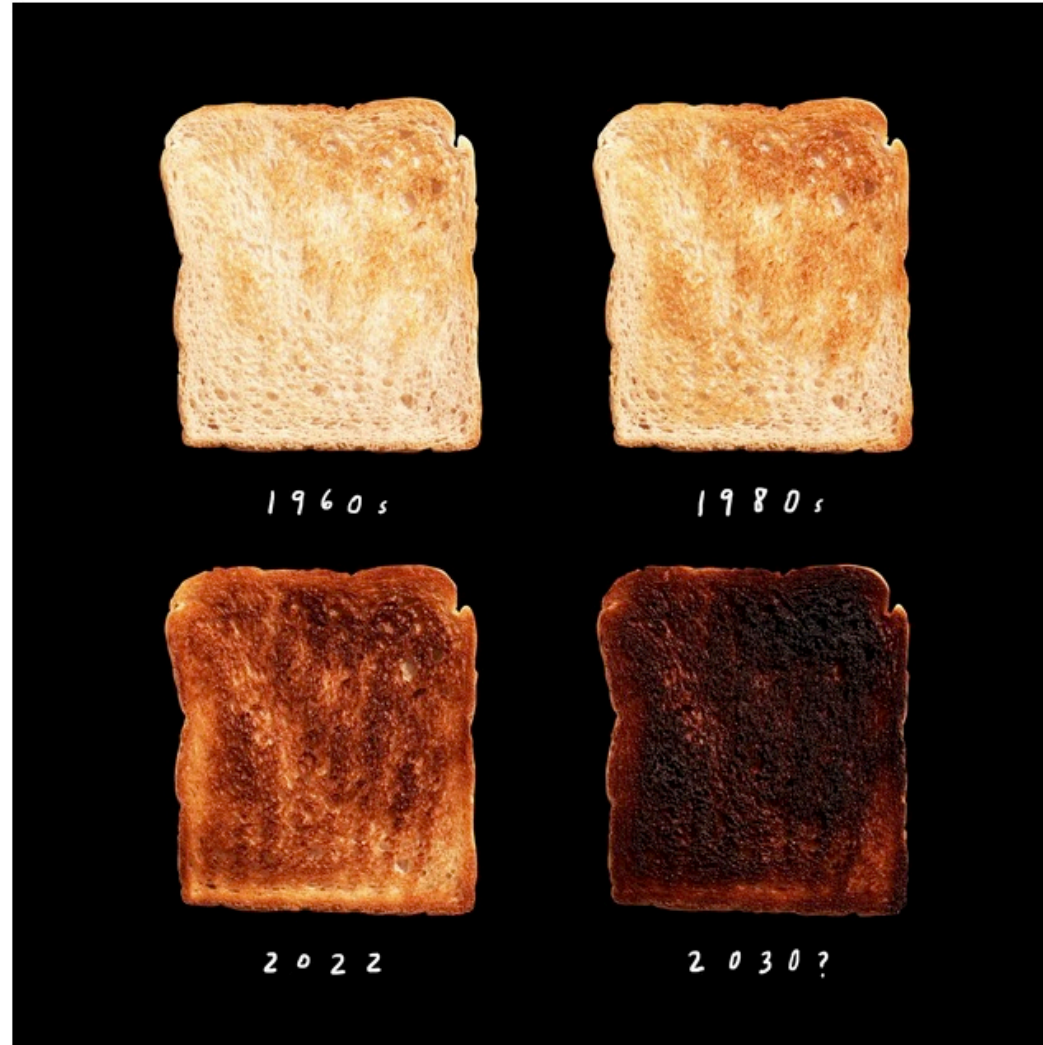


Illustration by Rebecca Chew/The New York Times; photograph by Tara Moore, via Getty Images

Where are we now? 10 words

It's warming.

It's us.

We're sure.

It's bad.

We can fix it.

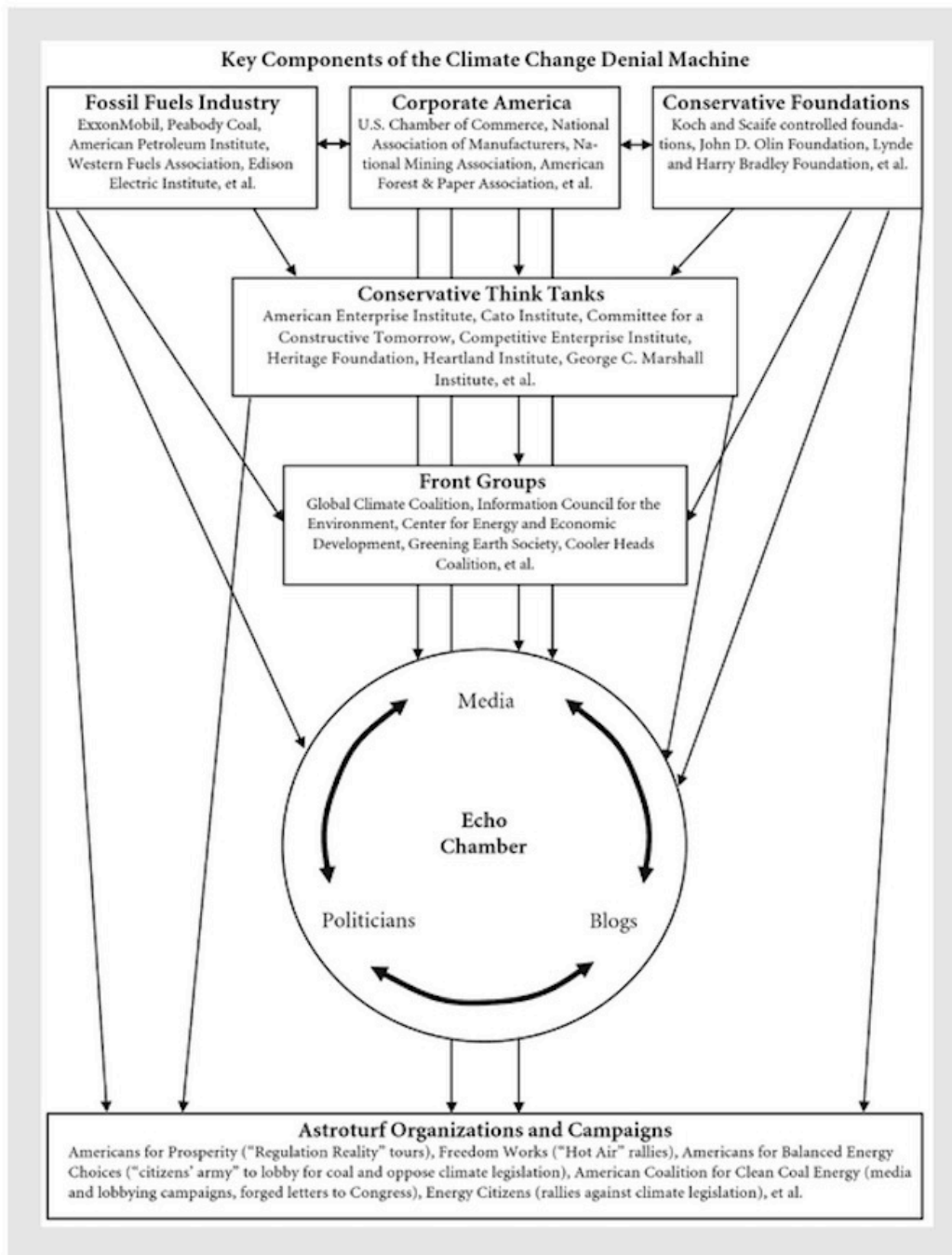
Kimberly Nicholas (2021). *Under the sky we make: How to be human in a warming world.*

Climate communication: *Simple, clear messages, repeated often, by a variety of trusted sources.*



How did we get here?

**Industry-led
climate denial**



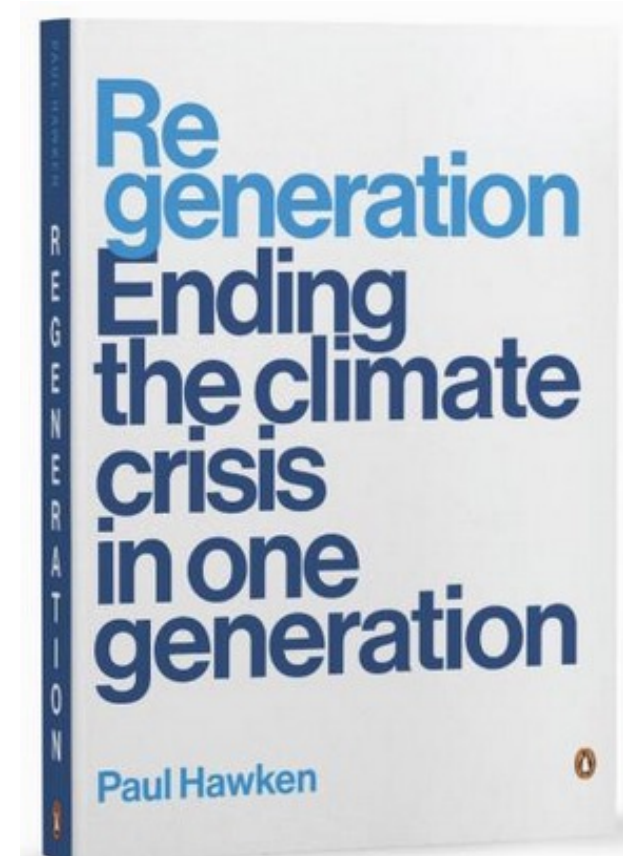
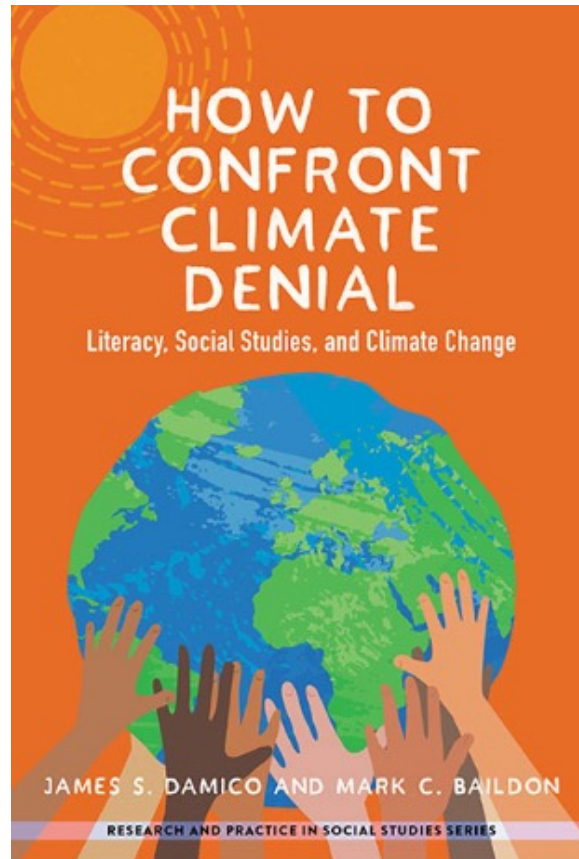
climate denial machine

Dunlap, R.E., & McCright, A.M. (2011). Organized climate change denial. In J.S. Dryzek, R.B. Norgaard, & D. Schlosberg (Eds.), *The Oxford handbook of climate change and society* (pp. 144–160). Oxford University Press.

FIGURE 10.1 Key components of the climate change denial machine.

Industry-led climate denial

- Fossil Fuel
- Public relations
- Media corporations
- Insurance
- Law firms
- Banking/Finance
- Agricultural industry



Industries

Big Food
Health Care
Banking
War
Politics
Clothing
Plastics
Poverty

Interdisciplinary Instructional Approaches

Determine reliability: Are these information sources trustworthy?

Examine climate denial: What techniques are being used?

Explore questions: What inquiry pathways can we pursue?

Climate denial inquiry model

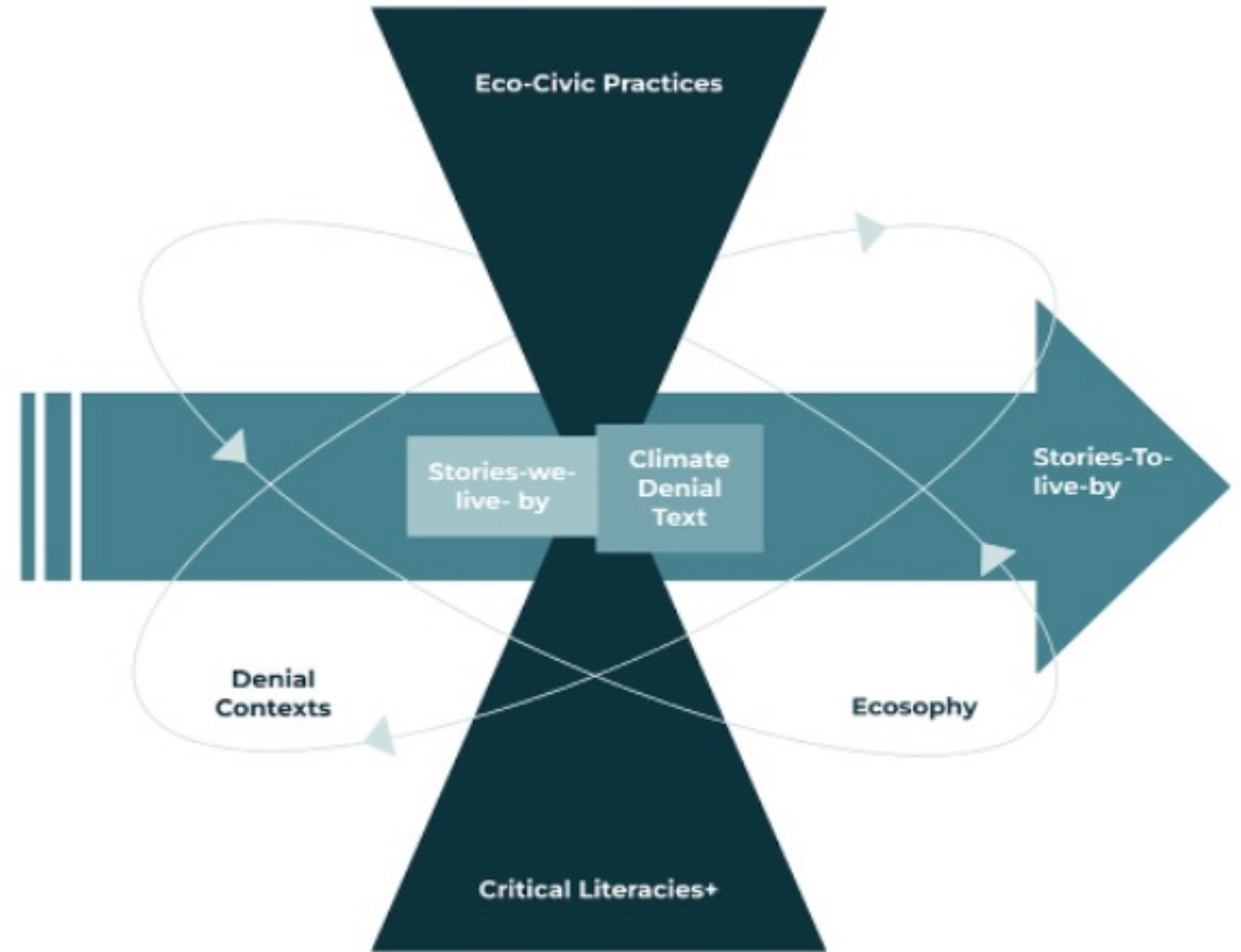
Climate denial texts

- Climate science denial
- Climate action denial

Stories-we-live-by

- Destructive
- Ambivalent

→ Beneficial stories-to-live-by



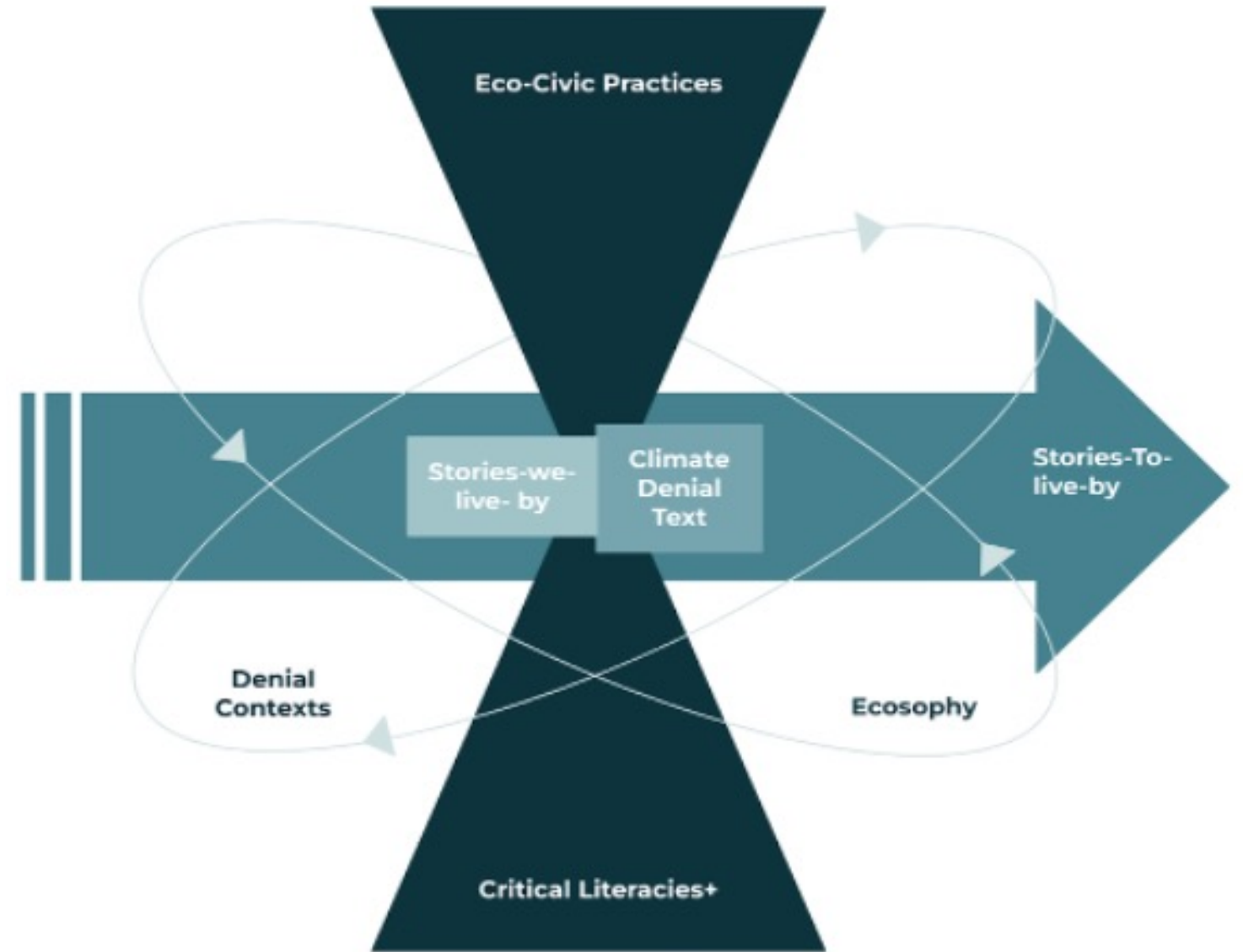
Climate Denial Inquiry Model

Climate denial texts

- Climate science denial
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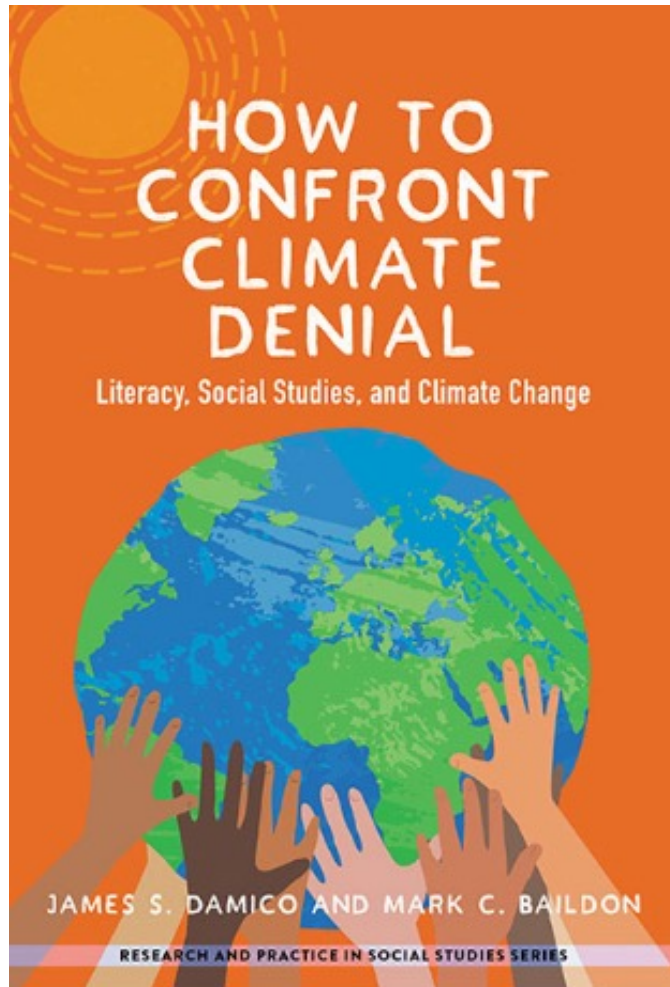
Stories-we-live-by

- Destructive
- Ambivalent



Climate Denial Inquiry Model

How to examine denial texts: 2 examples



JOURNAL OF ADOLESCENT & ADULT LITERACY

ARTICLE | [Full Access](#)

How can we confront climate denial? Critical literacy+, eco-civic practices, and inquiry

James Damico✉, Mark Baildon, Alexandra Panos✉


First published: 23 January 2023 | <https://doi.org/10.1002/jaal.1276>

 SECTIONS





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Abstract

While scientific consensus about human-caused climate change has been clear for decades, denial of this science *and* denial about the need for timely, responsive action continue in the United States and around the world. The *Climate Denial Inquiry Model* can help educators grapple with the complex components of this denial with critical literacy+ and eco-civic practices of deliberation, reflexivity, and counter-narration to help investigate climate denial texts, stories, contexts, and philosophies. This charts a pathway toward ecojustice-centered stories-To-live by.



Volume 66, Issue 4
January/February 2023
Pages 257-266

 Figures  References  **Related**  Information

Recommended

[Exploring Digital Literacy Practices in an Inclusive Classroom](#)

Detra Price-Dennis, Kathlene A. Holmes, Emily Smith

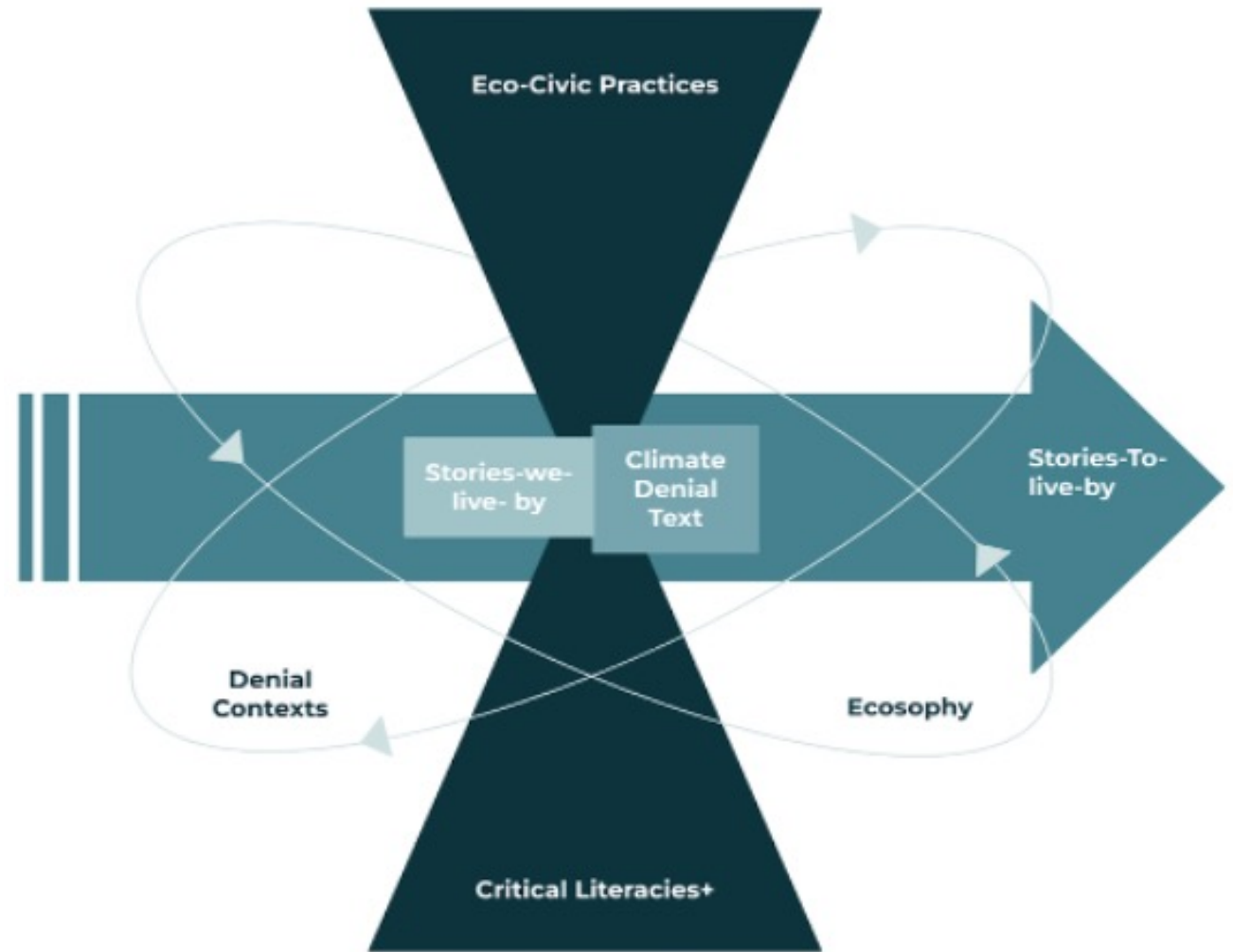
The Reading Teacher

[Combating "I Hate This Stupid Book!": Black Males and Critical Literacy](#)

Summer Wood, Robin Jocius

The Reading Teacher

Example #1





Watch

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Why Climate Change Is Fake News

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15K · 12K Comments · 10M Views



Let Freedom Speak: The Daily Signal
posted an episode of a series.
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Overview

Comments

What does the left get wrong about climate change?

Marc Morano, author of "The Politically Incorrect Guide to Climate Change" debunks the left's myths on climate change.



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[Explore Climate Science Info](#)

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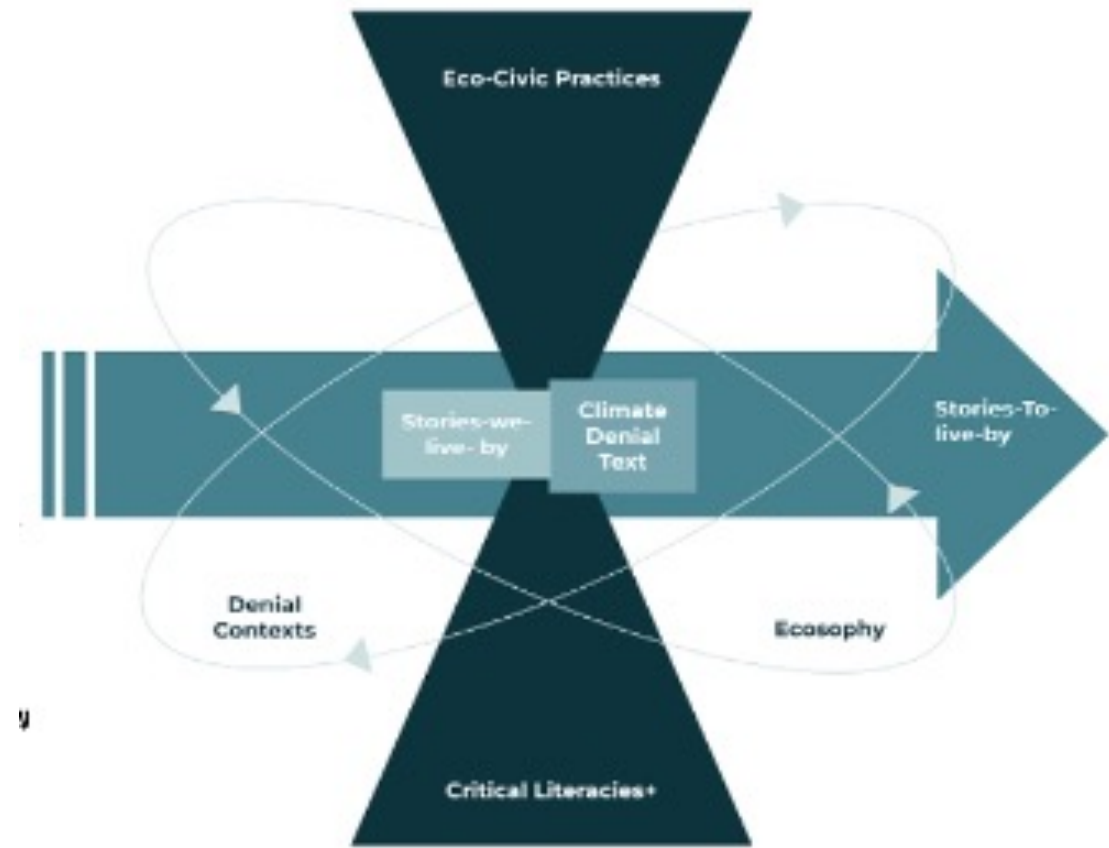


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Identify climate denial in text

- Climate *science* denial



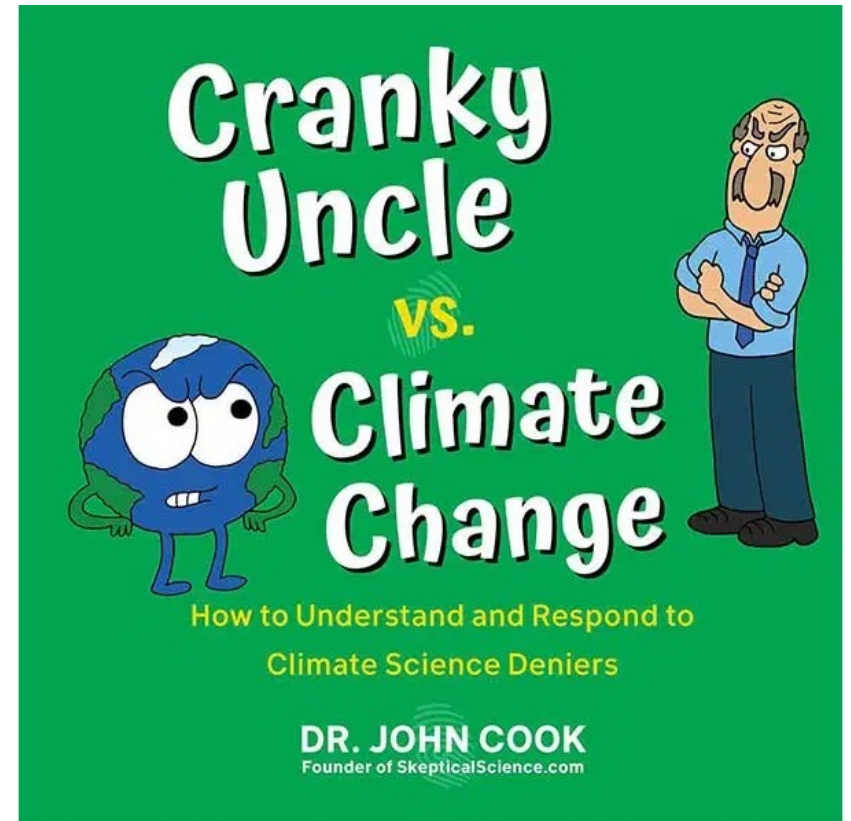
Climate denial inquiry model (CDIM)

If **science** denial → Critical literacy+ questions

What science denial techniques are used in this text? (FLICC)

- fake experts
- logical fallacies
- impossible expectations
- cherry picking
- conspiracy theories (Cook, 2020)

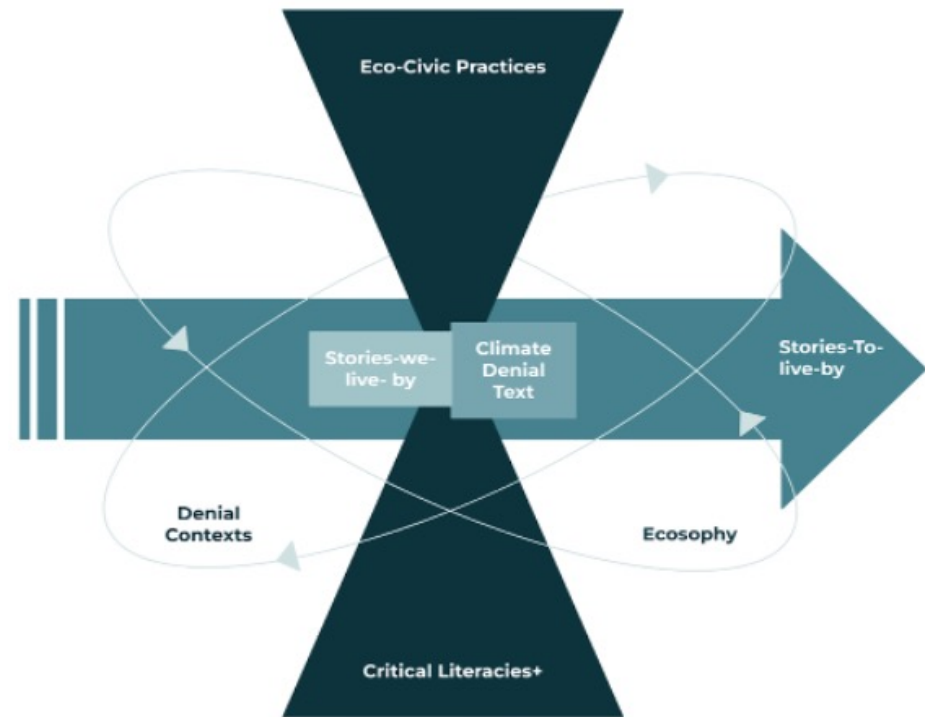
The fallacies of science denial



Climate denial text (climate science denial)

- **Fake experts:** Richard Tol as “one of the world’s top United Nations’ scientists.” Tol is an economist, not a scientist and not a climate scientist
- **Logical fallacies:** oversimplification and misrepresentation: climate scientists have been arguing that “CO2 alone controls the climate.”
- **Cherry picking:** “We find out that there are not even 97 scientists. One of the surveys was only 77 scientists, and they were anonymous scientists.” Ignores more comprehensive and extensive findings about climate science consensus (Cook et al., 2013; Myers et al., 2021).
- **Conspiracy theory:** impugn the credibility of climate scientists and suggest that Democrats use climate science to make “political statements” and perpetuate climate change “myths,” “designed so you don’t have to think” point to explanations that climate science is a “hoax” perpetrated by groups to advance their own interests

Example #2





Context

[Climate change](#)

United Nations

Climate change refers to long-term shifts in temperatures and weather patterns, mainly caused by human activities, especially the burning of fossil fuels.

Nature-based solutions and Shell | New Energies

16,749 views • May 15, 2020

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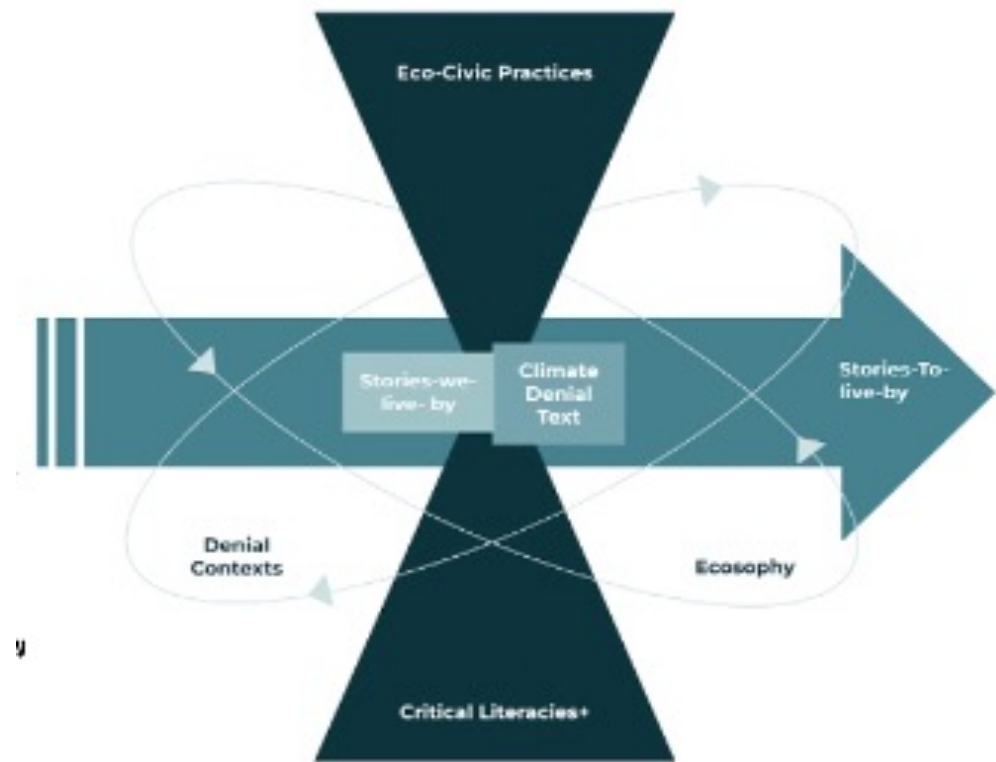


Shell
509K subscribers

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Identify climate denial in text

- Climate *action* denial



Climate denial inquiry model (CDIM)

If climate **action** denial → Critical literacy+ questions

What discourses of delay operate in this text? (Lamb et al, 2020)

- redirecting responsibility
- pushing non-transformative solutions
- surrendering to the problem
- emphasizing the downsides

What denial frames are evident?

- technological optimism
- technological shell-game
- fossil fuel solutionism
- individualized responsibility
- climate risk
- greenwashing
- energy poverty (Supran & Oreskes, 2021)

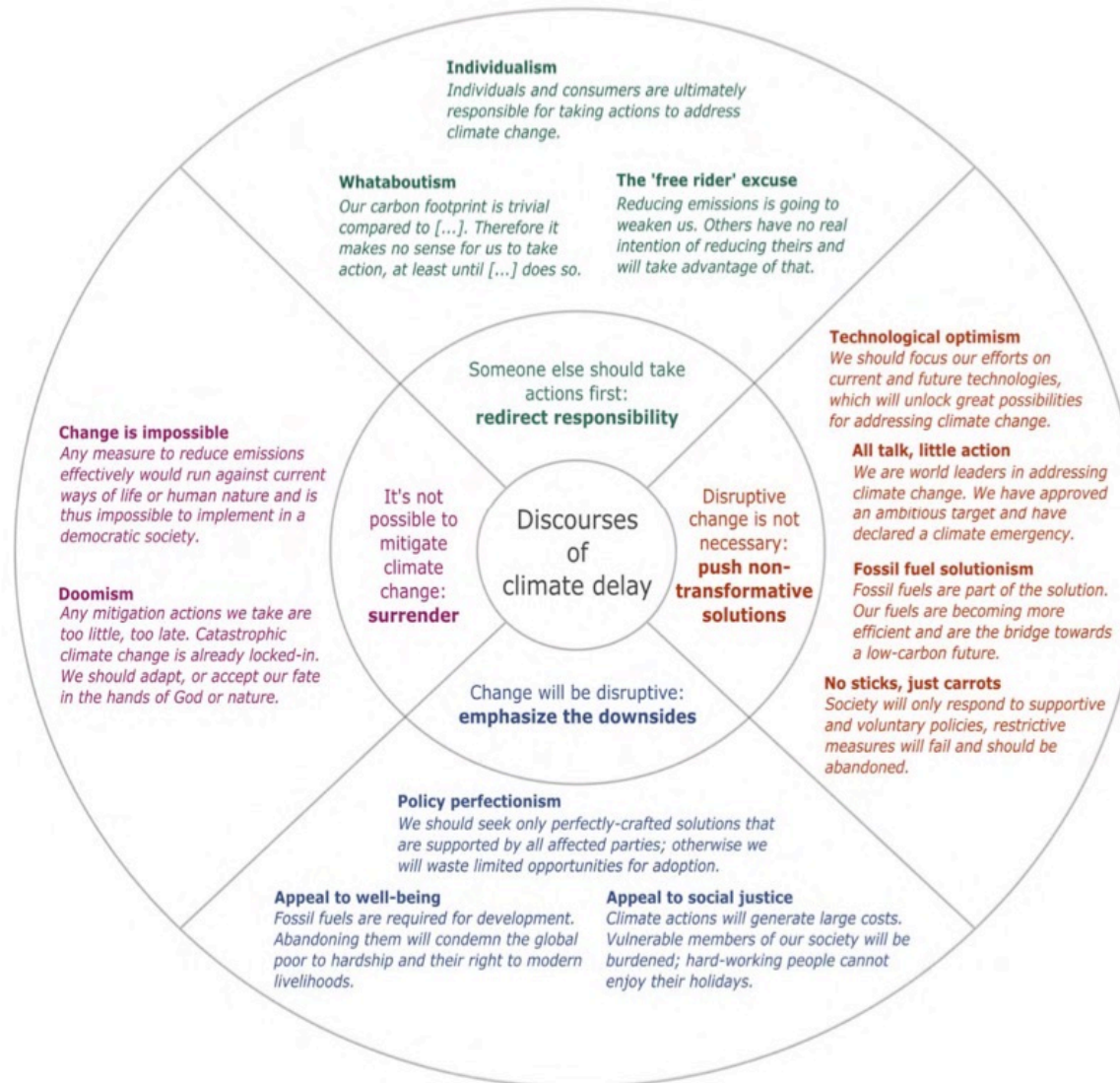


Figure 1: Taxonomy for 'Discourses of Delay' from Lamb, W., Mattioli, G., Levi, S., Roberts, J., Capstick, S., Creutzig, F., . . . Steinberger, J. (2020). Discourses of climate delay. *Global Sustainability*, 3, E17. <https://doi.org/10.1017/sus.2020.13>

Discourses of delay

pushing non-transformative solutions, focus on existing and new technologies, voluntary not restrictive measures

surrendering to the problem, not possible to mitigate climate change because changing current ways of life is impossible and we should accept our fate which is in nature's or God's hands

redirecting responsibility, individuals ultimately responsible, reducing emissions weakens us, benefits others

emphasizing the downsides, making substantial changes will be disruptive; abandoning fossil fuels will prevent access to modern livelihoods for the global poor or will burden our society with large costs (Lamb et al., 2020)

Frame analysis (Fossil fuel savior frame)

technological optimism, future technological breakthroughs will save us from climate change

technological shell-game “strategic ambiguity” about current or potential technologies, such as “clean coal”

fossil fuel solutionism, fossil fuels and the fossil fuel industry offer main solutions to climate change

individualized responsibility emphasizes individual rather than corporate or government responsibility

climate risk presents climate change as a potential “risk” rather than a reality

greenwashing is a corporate public relations strategy to portray an ecologically responsible image

energy poverty will result if alternative energy sources are used (Supran & Oreskes, 2021).

Where can I locate climate denial texts?



Whodunnit?

CENTER FOR
CLIMATE
INTEGRITY

OUR WORK CASES NEWS **LIE-BRARY** ABOUT

The Lie-brary

Evidence shows that Big Oil & Gas knew as early as the 1960s that the products would lead to climate change, and that it could have disastrous impacts worldwide.

This collection of internal company documents has been compiled thanks to the independent researchers, and academics.

*If you have documents or other information that will contribute to the story of the fossil fuel deception, **please reach out.***

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Climate Disinformation Database



In DeSmog's Climate Disinformation Database, you can browse our extensive research on the individuals and organizations that have helped to delay and distract the public and our elected leaders from taking needed action to reduce greenhouse gas pollution and fight global warming.

Have a **suggestion** on an individual/organization you would like to see researched? [Contact Us](#)

CLIMATE DISINFORMATION DATABASE

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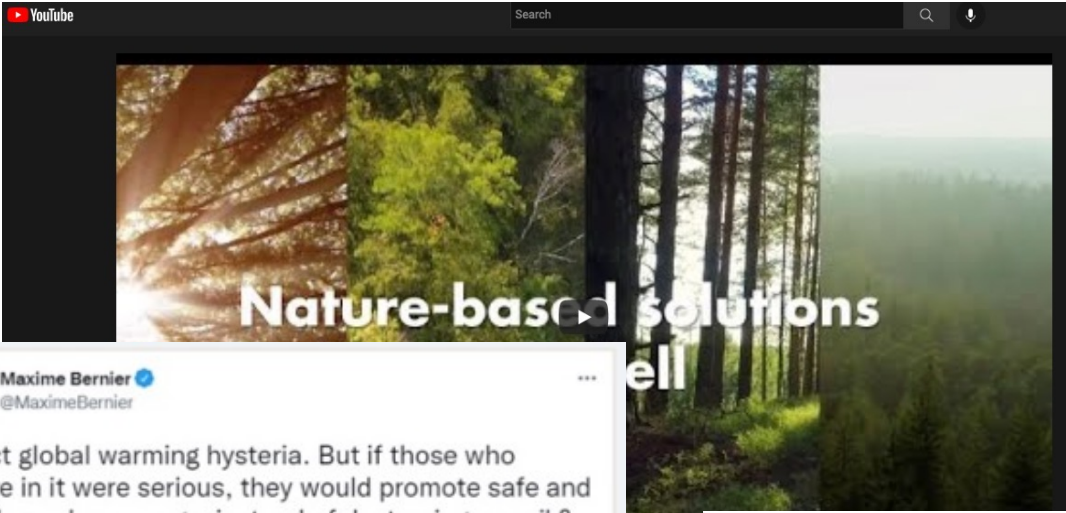
Type anything here




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Ongoing climate denial





Maxime Bernier
@MaximeBernier

I reject global warming hysteria. But if those who believe in it were serious, they would promote safe and reliable nuclear energy, instead of destroying our oil & gas industries and subsidizing unreliable and bird-killing wind and solar.



<https://www.peoplespartyofcanada.ca/about>

torontosun.com

AGAR: A climate solution for Canada? Go nuclear even more

4:13 PM · Nov 9, 2021 · Twitter for iPhone

319 Retweets 33 Quote Tweets 1,350 Likes

Aramco Americas Retweeted

ارامكو @Saudi_Aramco · Aug 25, 2019

#ClimateChange is a challenge that the #energy industry faces. Learn how we are overcoming such challenge ow.ly/PWpN50vBADI

Mobile Carbon Capture

this technology allows us to capture and store waste CO2 while making use of it in every industrial sector

Flaring reduction

our flaring intensity remains at less than 1% of our annual production and we continue to progress towards our goal of zero routine flaring

Fourth Industrial Revolution

we are harnessing the power of the 4IR with technologies that include big data, advanced analytics, and artificial intelligence to monitor energy consumption and achieve near zero flaring intensity

31 231 1.9K

US oil and gas industry the world's 'most important environmental movement,' energy exec says

American Petroleum Institute calls for more support in White House as gas prices hit new record highs for Memorial Day weekend

By FOX Business Staff | FOXBusiness

Mike Sommers | AMERICAN PETROLEUM INSTITUTE PRESIDENT AND CEO

GAS PRICES AT RECORD HIGHS HEADING INTO MEMORIAL DAY WEEKEND

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Coal keeps lights on at COP26 as low wind strikes again

Wednesday 3rd November 2021 | John Constable



NETZERO WATCH

The UK's failing renewable strategy is a national embarrassment. Critically low wind power, for nearly the whole of yesterday, resulted in extremely high prices, with the two remaining coal units at Drax offering to saving the day at £4,000/MWh, nearly 100 times the wholesale price normal

Other tactics

Hypocrisy and elitism

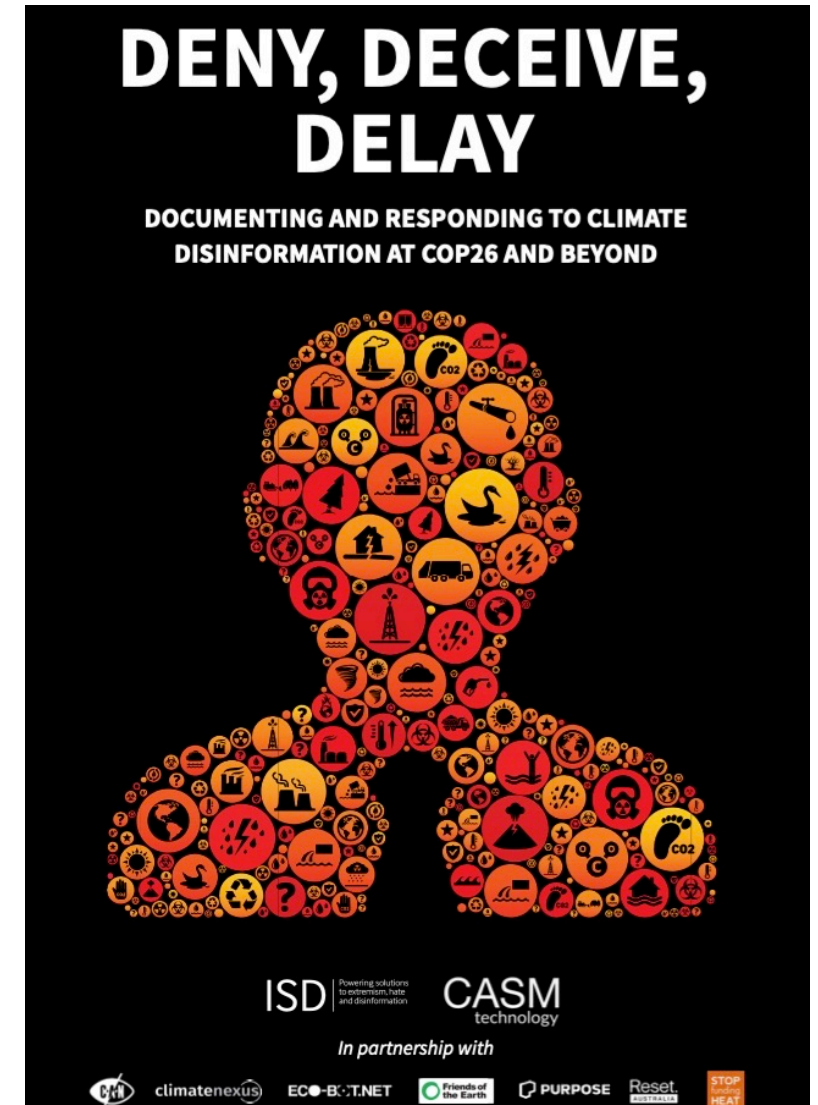
Absolutionism

Unreliability of renewables

Ineffective electric vehicles

Consistent climate denial theme:

no need for regulations!



“... ever-more enmeshed in broader identity and grievance politics” (p. 7)

Climate science denial still alive!



CLIMATE CHANGE

97% Consensus on Climate Change? Survey Shows Only 59% of Scientists Expect Significant Harm

By James Taylor, H. Sterling Burnett, Anthony Watts, Linnea Lueken

Published November 8, 2022

JunkScience.com

All the junk that's fit to debunk.

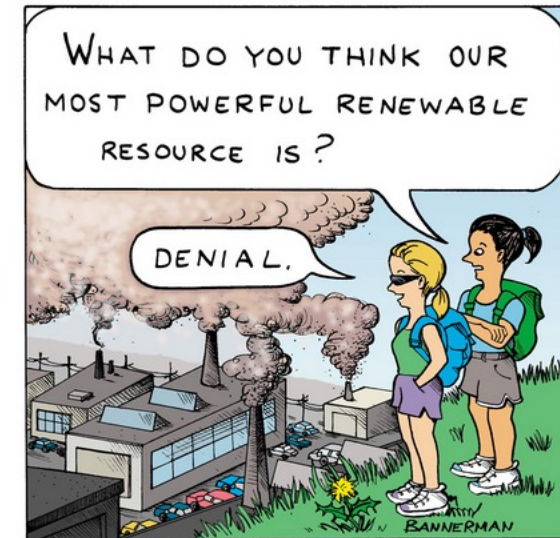
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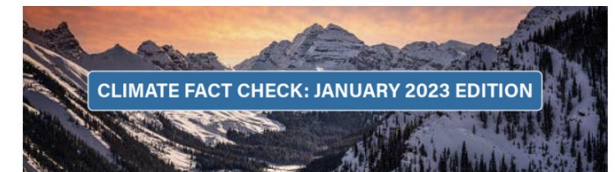
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Climate Fact Check: January 2023 Edition

Seven pieces of climate propaganda from January 2023 exposed and debunked. The PDF version (needed to click through to the links) is [here](#).



CLIMATE FACT CHECK: JANUARY 2023 EDITION

December 2022 was colder than December 1987. So all the greenhouse gases emitted since climate hysteria first kicked off weren't enough to make last December warmer than the December before James Hansen's famous 1988 Senate testimony heralding global warming alarm.

The bitter, record cold and power outages around Christmas are what Americans will remember about December 2022. Despite all that, climate alarmists came ready to play in January 2023, desperately trying to make the public forget what it had just been through in December. Here are some of the notable claims they came up with along with fact checks.

'ATMOSPHERIC RIVERS'

Torrential rains struck California in January generating the Washington Post headline "How climate change will make atmospheric rivers even worse."

[Read more...](#)

Fact Check. California has always been prone to atmospheric river-related severe weather events. From late 1861 into January 1862, for example, the largest-ever atmospheric river event known as the Great Flood of 1862 hit the West coast. [Read more...](#)

Interdisciplinary Instructional Approaches

Determine reliability: Are these information sources trustworthy?

Examine climate denial: What techniques are being used?

Explore questions: What inquiry pathways can we pursue?

Inquiry pathways to investigate climate denial

- economic
 - political
 - historical-cultural
 - socio-psychological
 - geographic
 - media
-



Contexts of climate denial

economic, industrial extractive capitalism

political, partisan gridlock, undue influence of corporate lobbyists

cultural-historical, legacies of colonialism, dominant stories or myths

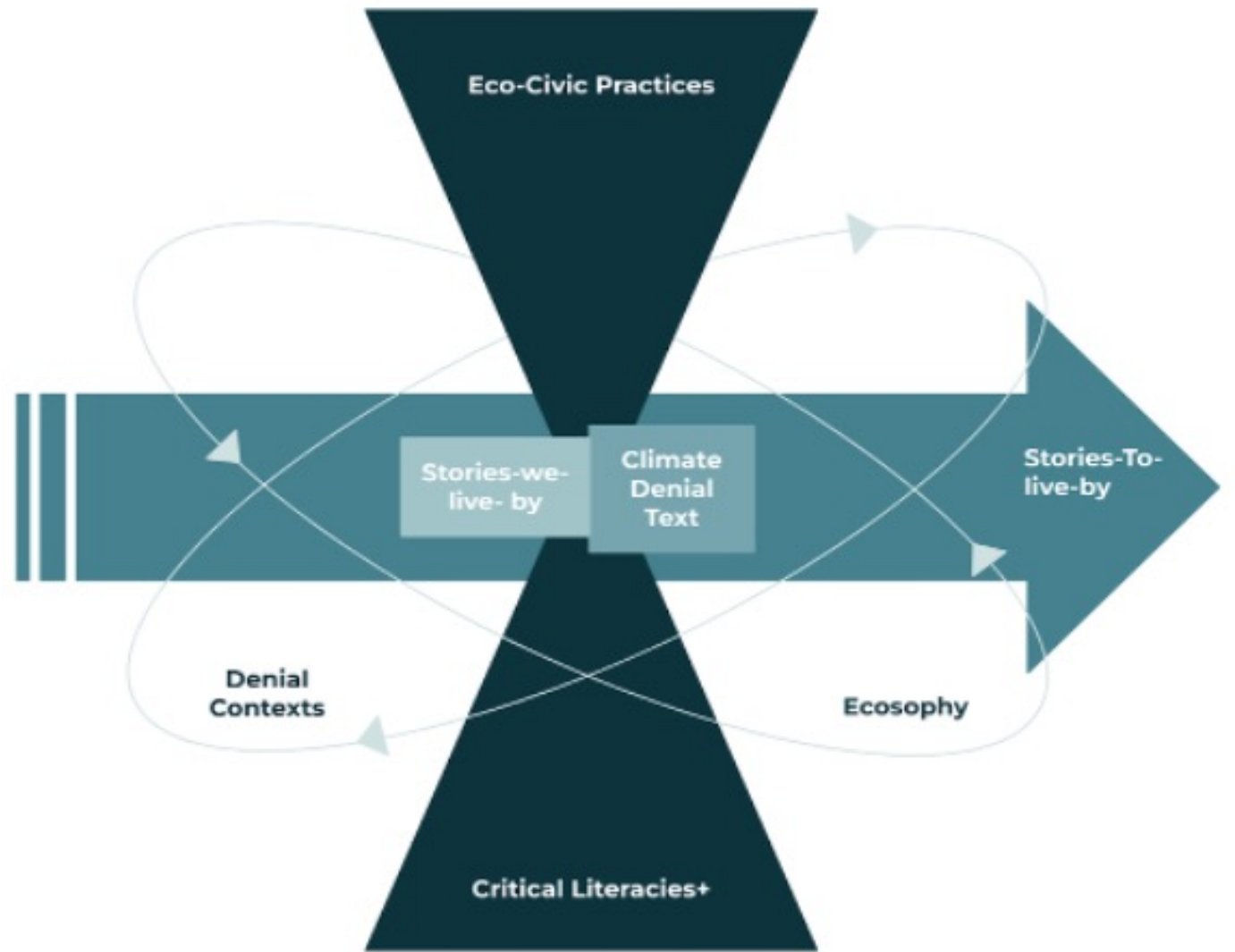
socio-psychological, motivated reasoning, desire to be part of tribe

geographic, diverse climate impacts around the world

media, blurs lines between fact and opinion, real and fake news, etc.

Denial contexts

- economic
- political
- historical-cultural
- socio-psychological
- geographic
- media



Inquiry pathways: Economics


- *Can an economic system of capitalism adequately address climate change?*
- *To what extent are regulatory measures necessary to address climate change?*
- *Is neoliberalism (as an economic and political project) irreconcilable with successfully addressing climate change?*
- *Can we have prosperity without growth?*
- *How do Indigenous economic models help address climate change?*

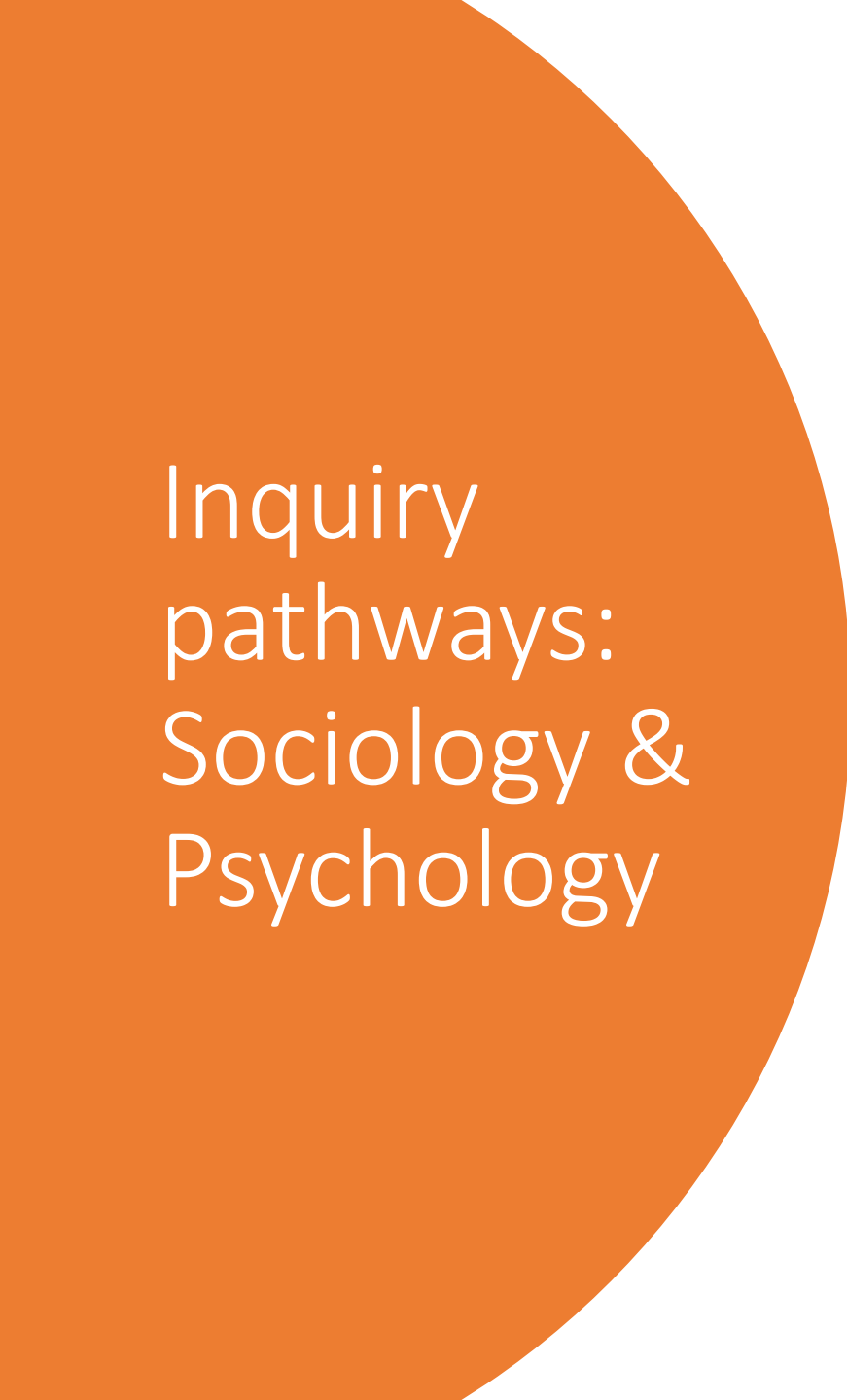
Inquiry pathways: Politics & Civics

- *What has been the role of government in promoting climate denial?*
- *How do stories of freedom support or combat climate denial?*
- *Why are climate change and denial politically divisive issues?*
- ***What best explains the range of climate change beliefs in the United States despite the overwhelming scientific evidence and consensus about the existence and causes of human-caused climate change?***
- *Is the U.S. Government more committed to promoting private (corporate) interests or the public good?*


A large orange circle is positioned on the left side of the slide, partially cut off by the edge.

Inquiry pathways: History

- *What are the historical contexts of climate change and climate denial?*
 - *Was the climate crisis avoidable?*
 - *What historical narratives (or cultural assumptions) are central to understanding climate denial?*
 - *In what ways have religious or faith traditions and communities contributed to and/or resisted global warming?*
- 
- A series of four yellow dashed line segments are arranged in a curved path in the bottom right corner of the slide.

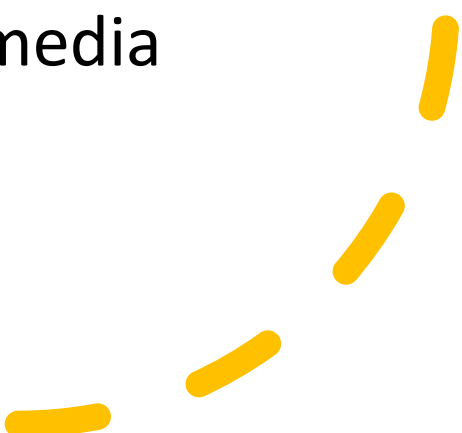
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Inquiry pathways: Sociology & Psychology

- *How do mechanisms of climate change denial work?*
 - *How is climate change and climate denial affecting society?*
 - *How is climate denial and inaction affecting well-being?*
 - *What language might be most useful to help people navigate the psychological and emotional landscape of climate change?*
- 
- A series of yellow dashed lines in the bottom right corner, forming a curved shape.

A large orange circle is positioned on the left side of the slide, partially cut off by the edge.

Inquiry pathways: Media

- *What role has the media played in spreading climate denial?*
 - *In what ways should social media be regulated to ensure climate misinformation and climate denial aren't spread?*
 - *Should media companies accept fossil fuel advertising dollars?*
 - *In what ways can we enact "ecomedia literacy"? (Lopez, 2021)*
- 
- A series of four yellow dashed line segments are arranged in a curved, upward-sloping pattern in the bottom right corner of the slide.

Inquiry pathways: Geography

- *What are the impacts of climate change on vulnerable populations in different parts of the world?*
- *Where is climate denial a significant problem and why?*
- *How does the Global North-South divide inform explanations of climate change and denial?*
- *How is climate change denial part of my life, family, community?*

U.S. >

New Jersey joins states suing fossil fuel companies over climate change damage

OCTOBER 19, 2022 / 7:27 AM / CBS/AP



Sierra Club National Blog Press Releases Coal Pollution
The Problem The Solutions The Campaign Take Action

The Dirty Truth About Utility Climate Pledges

The New York Times

Can Nations Be Sued for Weak Climate Action? We'll Soon Get an Answer.

Vanuatu, a disaster-prone Pacific country, has secured United Nations approval to take that question to the International Court of Justice.

Give this article



The New York Times

In Montana, It's Youth vs. the State in a Landmark Climate Case

Sixteen young Montanans have sued their state, arguing that its support of fossil fuels violates the state Constitution.

Give this article



447

Puerto Rican Cities Sue Fossil Fuel Companies in Major Class-Action, Climate Fraud Case

Municipalities aim to hold industry liable for damages from catastrophic 2017 hurricanes.



By Dana Drugmand on Dec 2, 2022 @ 13:25 PST
6 min read

Series: CLIMATE CHANGE LAWSUITS



Opinion Sport Culture Lifestyle More

Wildlife Energy Pollution Green light

The fossil fuel industry's invisible colonization of academia

Corporate capture of academic research by the fossil fuel industry is an elephant in the room and a threat to tackling climate change.



A combination of file photos shows the logos of five of the largest publicly traded oil companies; BP, Chevron, Exxon Mobil, Royal Dutch Shell, and Total. Photograph: REUTERS/Reuters

On February 16, the Harvard Kennedy School's Belfer Center hosted a film screening of the "Rational Middle Energy Series." The university promoted

ence Politics & Policy Justice Fossil Fuels Clean Energy

Today's Climate

Inside Climate News

Pulitzer Prize-winning
biggest crisis factor

Today's Climate

A twice-a-week dive into the most pressing news related to our rapidly warming world

December 6, 2022 Society Can't Slow Climate Change Without Reining in Big Tech, New Report Warns

News from Our Warming World

Scientists Are Pushing a New Climate Conspiracy Theory Called the 'Great Reset'

News

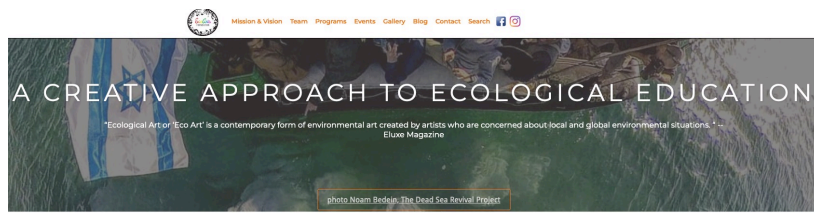
Los Angeles City Council Votes to Ban Oil and Gas Drilling

Associated Press

Volcano Eruption Disrupts Global Climate Tool Used to



More inquiry pathways



Now serving public schools in Poway Unified School District.
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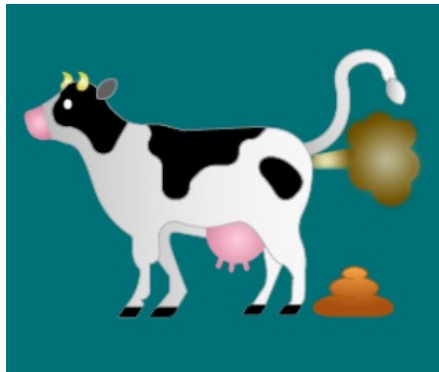
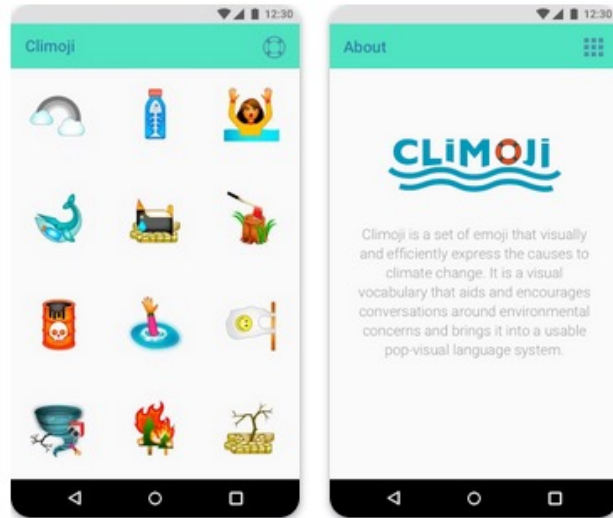
Our Mission

EcoArts Foundation is committed to its mission to inspire ecological regeneration via the arts.



Our Vision

By celebrating imaginative eco-themed content, we aim to provoke audiences – policymakers, scientists, artists, and citizens – to create vibrant, thriving ecosystems. EcoArts engages a diverse community from elementary school students to international eco artists via events, programs and educational media.



BEYOND LIES

Mona Chalabi x THE CLIMATE MUSEUM

Beyond Lies was possible because of the ongoing work of investigative journalists and academic researchers to expose the truth and inform the public about the fossil fuel industry's tactics of disinformation and delay. Their work provided the foundation for this campaign.

To learn more, we recommend the following resources. Please be sure to check out our [library of expert videos](#). If you are an educator or member of the public looking for additional information or resources, please [contact us here](#).

Scroll down to explore!



THE FOSSIL FUEL INDUSTRY: A HISTORY OF LIES, DECEPTION, AND DELAY



Inquiry pathways: Arts

Contexts of
climate
denial →
*Contexts for
climate
justice*

economic, industrial extractive capitalism

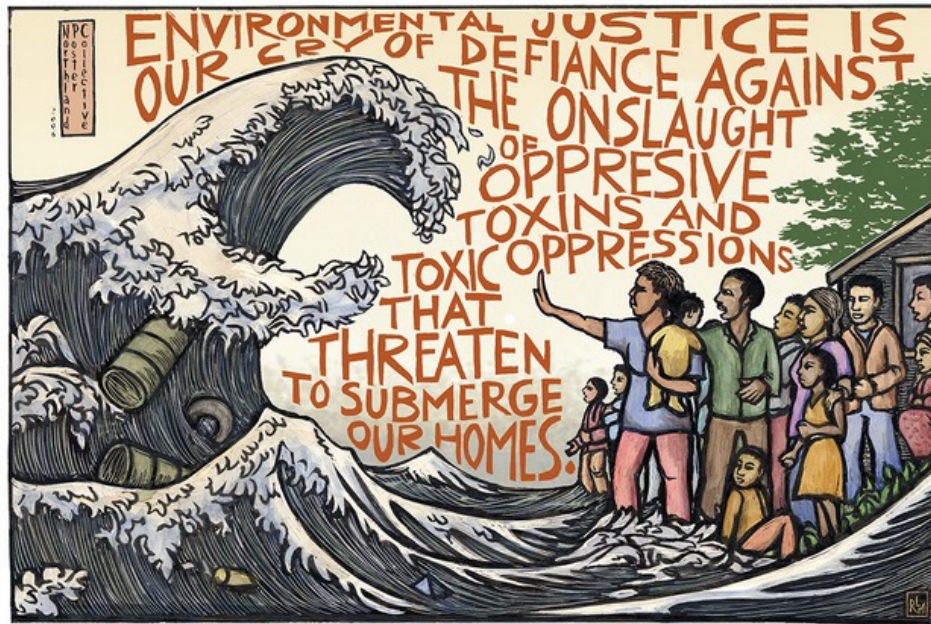
political, partisan gridlock, undue influence of corporate lobbyists

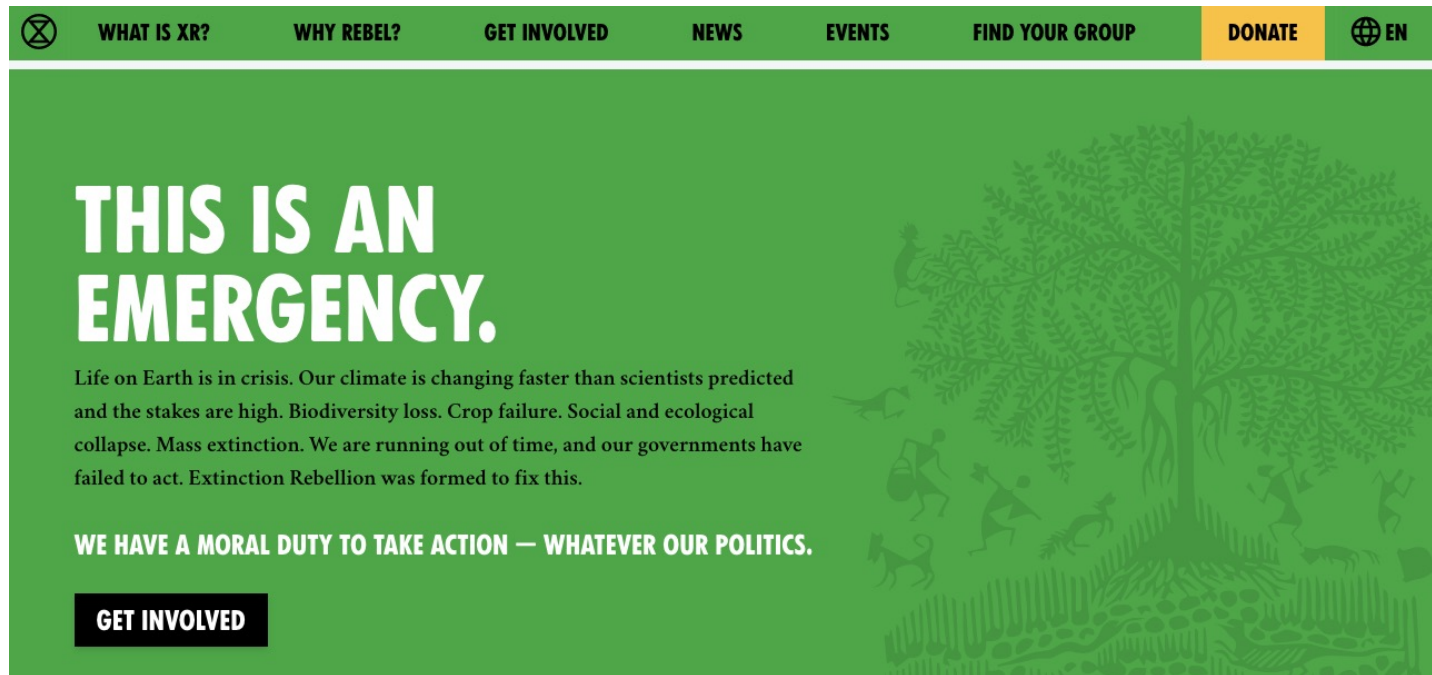
cultural-historical, legacies of colonialism, dominant stories or myths

socio-psychological, motivated reasoning, desire to be part of tribe

geographic, diverse climate impacts around the world

media, blurs lines between fact and opinion, real and fake news, etc.







ENVIRONMENTAL EDUCATION

Climate Justice Projects Combine Science and Citizenship

Schools and districts can help students make connections between course content, environmental issues, and public policy.

By [Suzie Boss](#)

April 19, 2021



Welcome to the United Nations Conference on Trade and Development



UNCTAD

Prosperity for all

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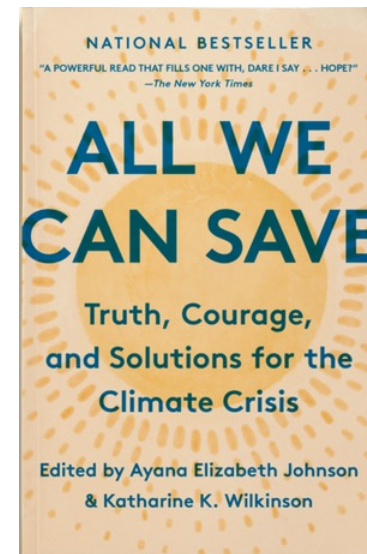
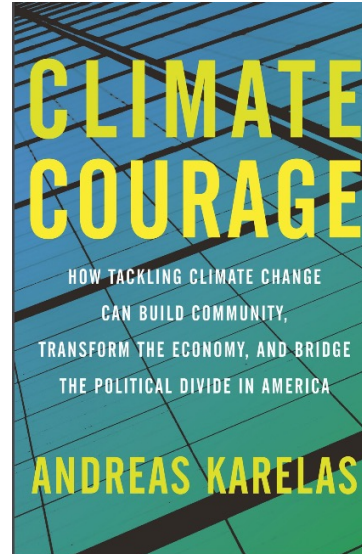
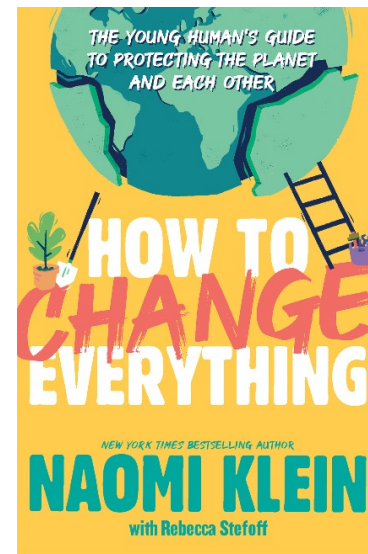
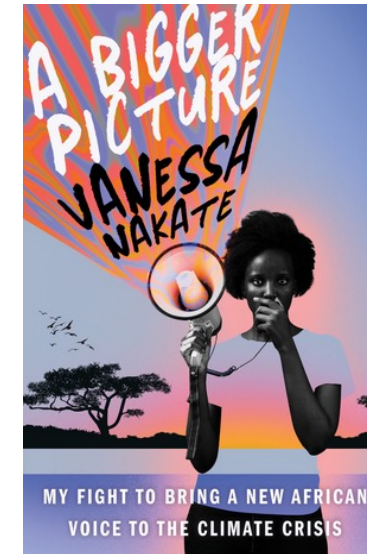
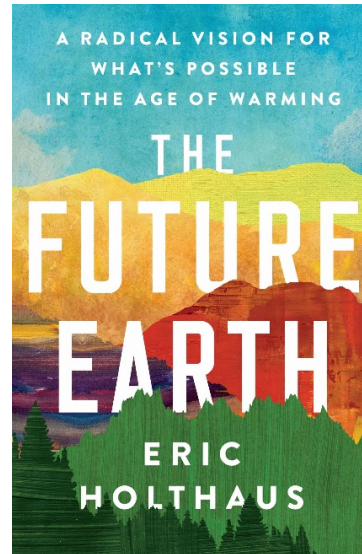
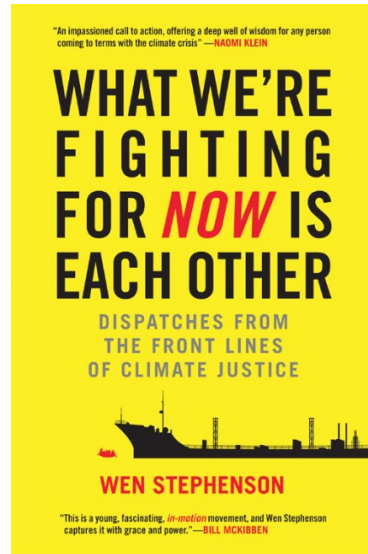
[Home](#) / [News](#) / Youth climate leaders at COP26 turn ideas into action

Youth climate leaders at COP26 turn ideas into action

15 November 2021

Young climate activists joined world leaders, negotiators and senior figures to demand immediate action to limit planetary warming to 1.5°C and secure their future.







Give up your climate guilt. Sharpen your curiosity.

Join Dr. Leah Stokes and Dr. Katharine Wilkinson as they tell stories about the powerful forces behind climate change — and the tools we have to fix it. Subscribe wherever you get podcasts.

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"Fascinating."
— The New Yorker

"The best, most important podcast out there
right now."
—The Guardian

"Superb work."
— Bill McKibben



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Climate Action Against Disinformation

A global coalition of over 50 leading climate and anti-disinformation organisations

[Learn more](#)



An Existential Toolkit for Climate Justice Educators

Themes Resource Types Add To The Toolkit About

Resources for the Climate Crisis

Welcome to the Existential Toolkit - A Growing Hub of
Resources for Climate Justice Educators

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Who is most vulnerable

ZINN EDUCATION PROJECT

TEACHING MATERIALS NEWS CAMPAIGNS SUPPORT ABOUT

Third edition, December 2021

In recent years, international plight of polar bears. Yet we Climate change involves more transcend national boundaries on society range from reduc



How to Change Everything: The Young Human's Guide to Protecting the Planet and Each Other

Book — Non-fiction. By Naomi Klein and Rebecca Stefoff. 2021.

Young leaders are showing the world that this moment of increasingly dangerous climate change is also a moment of great opportunity — an opportunity to change everything for the better.

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No Planet B: A Teen Vogue Guide to the Climate Crisis


Book — Non-fiction. Edited by Lucy Diavolo. 2021. 224 pages.

A small volume made up of short student-friendly readings that offer lots of teaching possibilities.

Continue reading

From Climate Denial to Ecojustice

[Book](#) [CDIM](#) [Denial types](#) [Links](#) [Bios](#)



We need to confront all forms of
climate denial to advance
ecological justice or *ecojustice*.

A website for teachers, administrators,
college & university educators, and



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

Interdisciplinary Instructional Approaches

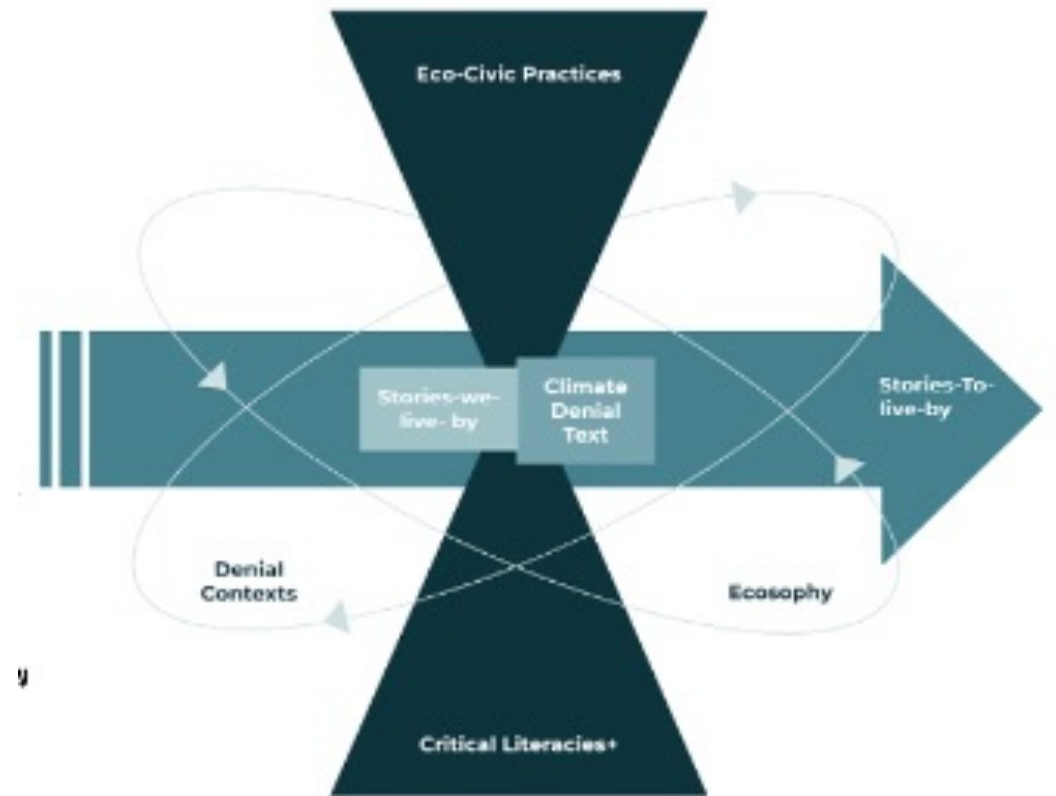
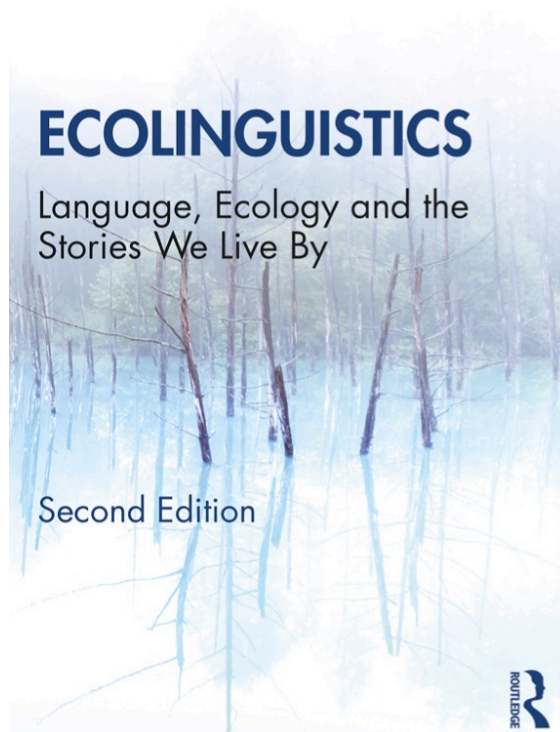
Determine reliability: Are these information sources trustworthy?

Examine climate denial: What techniques are being used?

Explore questions: What inquiry pathways can we pursue?

What about *stories-we-live by*?

ARRAN STIBBE



Climate denial inquiry model (CDIM)

Stories-we-live-by: **Destructive**, **Ambivalent**, or **Beneficial**

- humans are center of existence, separate from nature,
 - primary goal of a society is perpetual economic growth without limits,
 - consumerism is primary pathway to fulfillment,
 - nature is solely a resource to be used for human purposes
- *all life is treated with respect, care, responsibility, especially for most vulnerable populations, species;*
 - *primary goal of society is human, ecological, and planetary well-being with recognition of limits;*
 - *civic engagement for common good is necessary for more just and meaningful lives and futures* (Damico & Baildon, 2022).



Article

What type of crisis is this? A religious community's response to the 2018 Camp Fire catastrophe

Loren D. Lybarger

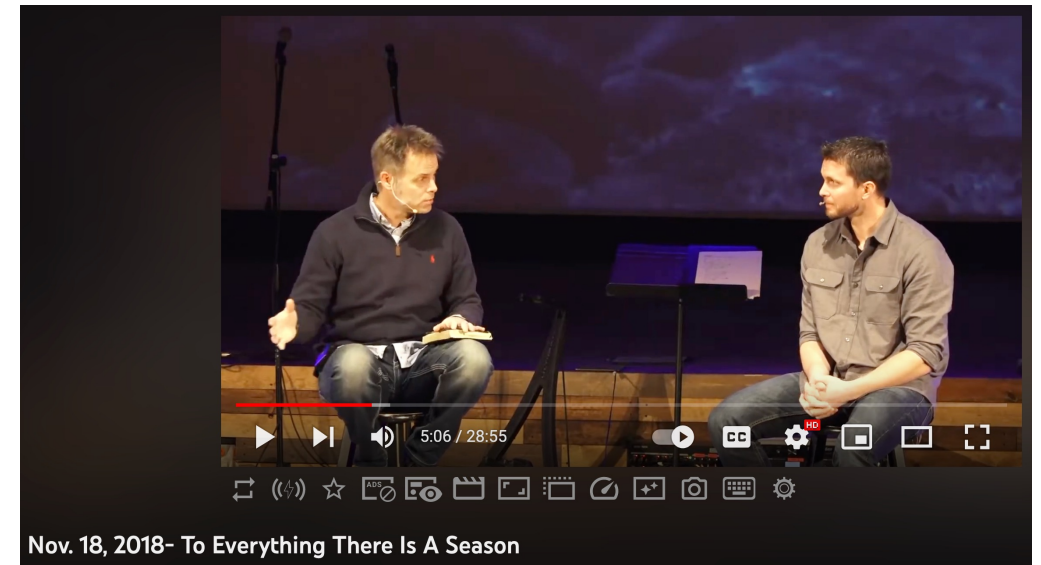
Ohio University, USA

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James S. Damico

Indiana University, USA

E-mail: damico@iu.edu



Ambivalent stories-to-live-by

(a) we are in this together;

(b) together we will make it through; and

(c) confronting challenges can help us become stronger

community, hope, blessing & solidarity

Questions to guide action

What **destructive** stories are we (am I) living by?

What **ambivalent** stories are we (am I) living by?

How do we (I) transition from **destructive** stories to **beneficial** stories-to-live-by?

How do we (I) transition from **ambivalent** stories to **beneficial** stories-to-live-by?



Thank you!