

**The Week That Was: 2025 04-26 (April 26, 2025)**  
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**The Science and Environmental Policy Project**

**Quote of the Week:** *“In framing a government which is to be administered by men over men, the great difficulty lies in this: you must first enable the government to control the governed; and in the next place, oblige it to control itself.”* — James Madison (1788)

**Number of the Week: Increase of 11°F by 2100.**

**THIS WEEK:**

**By Ken Haapala, President, Science and Environmental Policy Project (SEPP)**

**Scope:** TWTW begins with a discussion of the National Science Foundation. TWTW continues with a brief discussion of the scientific method and why the US National Climate Assessment does not meet the standards needed for its work to be considered physical science. TWTW considers the high scientific integrity of Roger Pielke, Jr. before criticizing his view that fixing the National Climate Assessment will be easy. TWTW then questions the actual physical science supporting EPA’s Endangerment Finding. It concludes with presenting three interesting articles on diverse subjects.

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**NSF:** The Nation Science Foundation (NSF) is an independent federal agency that supports science and engineering in the US. Its counterpart in the medical fields is the National Institute of Health. The NSF’s enacted budget for fiscal year 2024 is \$9.06 Billion. The requested 2025 budget is slightly over \$10 billion. According to reports, the current request will be cut, and part of its workforce will be cut. On April 24, NSF Director Sethuraman Panchanathan announced that he has resigned. News reports claimed this is proof of the anti-science bias of the current administration.

The April 12 TWTW discussed a significant problem in US science funding. The U.S. Global Change Research Program publishes what is considered the nation’s premier report on climate change, the National Climate Assessment (NCA), produced by the consulting firm ICF International. The report is endorsed by 15 government agencies including the National Science Foundation. However, the Fifth National Climate Assessment (2023) is a blatantly political report that omits physical evidence that contradicts its general conclusions that the current warming is unprecedented. Further it contains no physical evidence showing the relationship between increasing atmospheric carbon dioxide and increasing temperatures. Yet, it uses the discredited very high emissions scenario to forecast a temperature increase of 11°F by 2100.

The Fifth National Climate Assessment is not physical science but more a follow-up piece on the highly politicized Sixth Assessment Report of the UN Intergovernmental Panel on Climate Change, particularly its Synthesis Report (March 2023). The Synthesis Report contains none of the uncertainty expressed in Climate Change 2021: The Physical Science Basis (2021).

The US National Climate Assessment should emphasize the uncertainty, not omit it. And the National Science Foundations should not be a party to such a poor report. See links under Defending the Orthodoxy, and Science, Policy, and Evidence.

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**Zero Omissions:** Although its origins are far earlier, the scientific method became established during the controversy on an Earth-centered universe or a planetary system with the visible planets orbiting the sun. The great Danish astronomer Tycho Brahe (1546-1601) insisted that only careful observation over long periods of time can resolve the controversy. In 1572, Brahe observed a new bright star (probably a super nova) that triggered doubt in the old Aristotelian belief that the universe was fixed. Brahe developed a research program with improving the instruments used to observe the planets to determine the paths. After his death his assistant, Johannes Kepler used Brahe's data to explain that the planetary orbits were not circular but formed an ellipse with the sun as one focus and to develop Kepler's three laws of planetary motion.

This history establishes an important principle in the scientific method; no observations should be omitted. As discussed above, in the reports of the IPCC, particularly the summaries, and in the National Climate Assessment (NCA), important observations are omitted. For example, for 99.9% of Earth's history, there was no correlation between CO<sub>2</sub> and temperature. For the last few glacial periods, CO<sub>2</sub> changes have come after temperature changes. Two decades of data collected for measuring the earth's energy balance reveal that the increase in absorbed heat is primarily due to changes in the earth's albedo. Thus, these reports are not physical science. They do not use the scientific method.

Some defenders of this practice in climate "science" avoid the issue by claiming that their work is based on "first principles" or fundamental concepts or assumptions, sometimes considered self-evident. Alas, first principles tell us about the patterns of spectra of molecules such as CO<sub>2</sub> but cannot tell us precise energy levels. Nor can first principles tell us about the probability of absorbing IR of a certain wavelength. In Quantum Mechanics, first principles can tell us about the *spacings* of energy levels, but not their *amounts*. Precise measurements are required. Such issues are omitted in the NCA.

Those who argue from the standpoint of first principles are in the realm of metaphysics, thinking about physics, not in the realm of physical physics. In his 1912 book **Problems of Philosophy**, the logician Bertrand Russell has several chapters evaluating the work of Immanuel Kant questioning "Is *a priori* knowledge possible?" Can we know something by pure logic alone, without experience or observations? This is a philosophical question, not one for physical science based on observations.

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**Misguided Defense of NCA:** Roger Pielke, Jr., is a scientist with considerable integrity. He wrote an essay published by the Journal of Applied Meteorology and Climatology titled "Do Not Use the ICAT Hurricane Loss 'Dataset': An Opportunity for Course Correction in Climate Science." Yet Pielke helped develop this dataset. The abstract states:

*"A fatally flawed time series of U.S. hurricane losses assembled by an insurance company almost a decade ago has found its way into analyses published in the peer-reviewed literature.*

*The flawed time series is based on undocumented modifications to a research-quality dataset that I and my colleagues [sic.] published almost two decades ago. The uncritical use of the time series has led to erroneous conclusions published in the peer-reviewed literature which then were repeated in important climate science assessments. This paper explains the origin of the flawed dataset and demonstrates its many biases. The errors are so obvious and consequential that papers published in the peer-reviewed literature that rely on the flawed dataset should be retracted. While mistakes happen in science, what matters more is what we in the community do when mistakes are discovered.”*

Recognizing his considerable integrity, TWTW takes issue with Pielke’s defense of the National Climate Assessment. In a post “Trump Comes for Climate Research: Making sense of the USGCRP and NCA” Pielke writes:

*“To fix the NCA would not be difficult. Three actions are needed.*

*First, the assessment should be housed within and implemented entirely from a federal agency within the scope of the USGCRP. There should be no oversight or control exerted from the White House.*

*Second, the report should be led and written by experts chosen by an empaneling team. This team should be selected by a bipartisan group, as is typically done for reports on highly politicized issues. For instance, the majority and minority members of the House Science Committee could each select 6 members of this empaneling committee, with two co-chairs. The empaneling committee would then identify experts to lead and contribute to the report.*

*Third, before the writing starts, the assessment team should query decision makers — federal, state, local, in business and civil society — to identify what information they perceive to be most useful to their decisions related to climate mitigation and adaptation.*

*These three steps would ensure that there is no perception of White House influence on the report, that it is authored by experts assembled in a bipartisan manner and that the topics that the report focuses have direct relevance to decision makers. The NCA is far too important to be politicized, and politicization is a choice.*

*The only addition I’d make today is to explicitly recognize that any NCA should follow the guidelines of the Federal Advisory Committee Act and OMG [sic. OMB] and agency guidelines for scientific integrity and information quality.*

*I do not expect the Trump Administration to take this (very good) advice.”*

To TWTW, Pielke’s recommendations ignore the most fundamental problem: the omission of physical evidence that contradicts the general conclusions. Omission of physical evidence has been a problem for years with the IPCC and the NCA, and with each iteration the problem has been getting worse. The IPCC reports on which the NCA is based have been politicized since “Climate Change 1992: The Supplementary Report to the IPCC Scientific Assessment” which

Frederick Seitz asserted was the worst abuse of the peer review process he had witnessed in sixty years of American science. The National Climate Assessment is no better.

The problem of omission of physical evidence is deeply ingrained, and a generation of scientists have been conditioned to accept it. The reports have become more metaphysics (thinking of physics) and propaganda than physical science. The issue is not trust in “the science” or politicalized scientists, the issue is adherence to the scientific method, a process. If physical evidence is omitted, the work is no longer physical science.

Further, Pielke suggests cutting out the White House. The president is elected by the whole people, is accountable to them, and represents their interests. None of the other members of the panel he proposes are elected or accountable to all the people. There is no doubt that the influence of the White House in the past has not conformed to the principles of physical science, but then neither by and large has the pool of "experts" from which the other panel members would presumably be drawn. The only solution is to hold everyone to the principles of science and that can be done only by transparency and freedom of public comment. See links under Seeking a Common Ground.

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**Science Supporting the Endangerment Finding?** The National Climate Assessment is claimed to support the EPA’s Endangerment Finding. The EPA’s press release on February 27 states [Boldface in original]:

*“Action*

*On December 7, 2009, the Administrator signed two distinct findings regarding greenhouse gases under section 202(a) of the Clean Air Act:*

- ***Endangerment Finding:*** *The Administrator finds that the current and projected concentrations of the six key well-mixed greenhouse gases—carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF<sub>6</sub>)—in the atmosphere threaten the public health and welfare of current and future generations.*
- ***Cause or Contribute Finding:*** *The Administrator finds that the combined emissions of these well-mixed greenhouse gases from new motor vehicles and new motor vehicle engines contribute to the greenhouse gas pollution that threatens public health and welfare.*

*These findings do not themselves impose any requirements on industry or other entities. However, this action was a prerequisite for implementing greenhouse gas emissions standards for vehicles and other sectors.”*

An article in the British medical publication, the Lancet, states:

*“In 2009, the US Environmental Protection Agency (EPA) signed the science-rooted Endangerment Finding, stating that greenhouse gases “threaten the public health and welfare of current and future generations”. This finding became the cornerstone of most US climate policies and influenced many others globally.”*

Carbon dioxide is essential for photosynthesis, which provides the food for all complex plant life and all animal life on Earth. Where is the physical evidence that it threatens the public health and welfare of current and future generations? (Note that the dominant greenhouse gas, water vapor, is not mentioned.) The Endangerment Finding has no basis in physical science. Small corrections are not sufficient. It is wrong. See links under Defending the Orthodoxy.

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**Radiation Transfer:** In developing a method for estimating the greenhouse effect in today’s atmosphere, William Van Wijngaarden and William Happer use the work of physicist Karl Schwarzschild (1873-1916). TWTW came across a 1906 essay by Schwarzschild. See link under Challenging the Orthodoxy – Radiation Transfer.

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**Problems In World Economic Forum?** An article in the Wall Street Journal begins with:

*“World Economic Forum founder Klaus Schwab is under investigation by the organization he created after a new whistleblower letter alleged financial and ethical misconduct by the longtime leader and his wife.*

*The anonymous letter was sent last week to the Forum’s board and raised concerns about the Forum’s governance and workplace culture, including allegations that the Schwab family mixed their personal affairs with the Forum’s resources without proper oversight, according to the letter and people familiar with the matter.*

*It included allegations that Klaus Schwab asked junior employees to withdraw thousands of dollars from ATMs on his behalf and used Forum funds to pay for private, in-room massages at hotels. It also alleged that his wife Hilde, a former Forum employee, scheduled “token” Forum-funded meetings in order to justify luxury holiday travel at the organization’s expense.*

*Klaus Schwab in recent days argued against an investigation, telling board members that he denied the unsubstantiated allegations and that he would challenge them in a lawsuit, the people said.*

*The board of trustees decided to open a probe during an emergency meeting on Easter Sunday. Schwab opted to resign immediately as the chairman, instead of staying on for an extended transition period as previously planned.”*

See Article # 1.

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**Wind Power, Maybe?** An article in the Wall Street Journal begins with (correction by TWTW):

*“Germany has invested so many hundreds of billions of euros in its green energy transition over the years that no one can tally the precise amount. Yet the share of wind and solar power in the*

*country's energy mix in the first quarter of this year managed to fall—by a lot. There's a lesson for the U.S. here.*

*Renewable sources made up some 47% of electricity consumption in Europe's largest economy in the first three months of ~~2024~~ 2025 the energy trade association BDEW reported Thursday. That's down from 56% in the first three months of 2024. The drop comes despite Germany's continuing build-out of renewable generation. The country has added 872 wind turbines with a capacity of 4.3 gigawatts since April 2024, yet wind-power output fell 16%. Ouch.*

*You can guess what went wrong. February and March were unusually wind-free, onshore and offshore. A lack of rain meant hydropower underperformed. March was sunnier than usual, which helped to boost solar-electricity output compared to a year earlier. But we're talking about Germany in March. Relatively short daylight hours in a northern latitude meant this boost wasn't enough to offset the decline in wind generation.*

*These climactic conditions happen regularly enough that the German language has a word for it: Dunkelflaute, or 'dark stillness.' It means renewables alone can't power an advanced industrial economy, as even Berlin is starting to notice."*

Germany is further down the road of free energy from wind and solar than the US. Yet, many US politicians cling to the belief that wind and solar can power a modern economy, especially high-tech that requires reliable electricity. See Article # 2.

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### **SEPP'S APRIL FOOLS AWARD – THE JACKSON**

It is time for voting on the Annual SEPP's April Fools Award – the Jackson. The grand prize is a large lump of coal. Last year, the deserving winner of the lump of coal was the US National Science Teaching Association. In 2023, the Association banned the CO2 Coalition from its meeting which the Coalition members paid for and were approved because the CO2 Coalition exhibit pointed out that CO2 is essential for photosynthesis which is the food source of all complex life on Earth.

There are many strong candidates for this dubious honor including leaders of US scientific agencies who signed off on questionable reports on climate change. Get your votes in by June 29 with the reason why you recommend that person for the award. The award will be announced at the 43<sup>rd</sup> annual meeting of the Doctors for Defensive Preparedness on July 5-6. The decision of the judges is final.

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**Increase of 11°F by 2100.** As stated above, the Fifth US National Climate Assessment asserts that under the high emissions scenario, by 2100 temperatures will be 11°F (6°C) warmer than today. See link under Defending the Orthodoxy.

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### **NEWS YOU CAN USE:**

***Censorship***

## **Why Has the Daily Sceptic Been Put on Tortoise Media's Climate Naughty List?**

By Ben Pile, The Daily Sceptic, Apr 12, 2025

<https://dailysceptic.org/2025/04/12/why-has-the-daily-sceptic-been-put-on-tortoise-medias-climate-naughty-list/>

## ***Challenging the Orthodoxy -- NIPCC***

### **Climate Change Reconsidered II: Physical Science**

Idso, Carter, and Singer, Lead Authors/Editors, Nongovernmental International Panel on Climate Change (NIPCC), 2013

<https://www.heartland.org/media-library/pdfs/CCR-II/CCR-II-Full.pdf>

Summary: [https://www.heartland.org/\\_template-assets/documents/CCR/CCR-II/Summary-for-Policymakers.pdf](https://www.heartland.org/_template-assets/documents/CCR/CCR-II/Summary-for-Policymakers.pdf)

### **Climate Change Reconsidered II: Biological Impacts**

Idso, Idso, Carter, and Singer, Lead Authors/Editors, Nongovernmental International Panel on Climate Change (NIPCC), 2014

<http://climatechangereconsidered.org/climate-change-reconsidered-ii-biological-impacts/>

### **Climate Change Reconsidered II: Fossil Fuels**

By Multiple Authors, Bezdek, Idso, Legates, and Singer eds., Nongovernmental International Panel on Climate Change, April 2019

<http://climatechangereconsidered.org/climate-change-reconsidered-ii-fossil-fuels/>

## **Why Scientists Disagree About Global Warming**

The NIPCC Report on the Scientific Consensus

By Craig D. Idso, Robert M. Carter, and S. Fred Singer, Nongovernmental International Panel on Climate Change (NIPCC), Nov 23, 2015

<http://climatechangereconsidered.org/why-scientists-disagree-about-global-warming/>

## **Nature, Not Human Activity, Rules the Climate**

S. Fred Singer, Editor, NIPCC, 2008

[http://www.sepp.org/publications/nipcc\\_final.pdf](http://www.sepp.org/publications/nipcc_final.pdf)

## ***Challenging the Orthodoxy – Radiation Transfer***

### **The Role of Greenhouse Gases in Energy Transfer in the Earth's Atmosphere**

By W.A. van Wijngaarden and W. Happer, Preprint, Mar 3, 2023

<https://co2coalition.org/wp-content/uploads/2023/11/The-Role-of-Greenhouse-Gases-in-Energy-Transfer-in-the-Earths-Atmosphere.pdf>

## **Dependence of Earth's Thermal Radiation on Five Most Abundant Greenhouse Gases**

By W.A. van Wijngaarden and W. Happer, Preprint, December 22, 2020

<https://wvanwijngaarden.info.yorku.ca/files/2020/12/WThermal-Radiationf.pdf?x45936>

## **Radiation Transport in Clouds**

By W.A. van Wijngaarden and W. Happer, *Klimarealistene*, Science of Climate Change, January 2025

<https://scienceofclimatechange.org/wp-content/uploads/SCC-2025-vWijngaarden-Happer.pdf>

### **Schwarzschild: About the equilibrium of the solar atmosphere**

By K. Schwarzschild, January 13, 1906, Translated by Dr. Markus Ott, 2025, Accessed Apr 21, 2025

<https://andymaypetrophysicist.com/2025/02/15/schwarzschild-about-the-equilibrium-of-the-solar-atmosphere/?amp=1>

### ***Challenging the Orthodoxy***

#### **Short Summary of Observations Until March 2025**

By Ole Humlum, Climate4you, Accessed Apr 25, 2025

<https://www.climate4you.com/>

### **Is Arctic Amplification an Averaging Error?**

By Kip Hansen, WUWT, Apr 19, 2025

<https://wattsupwiththat.com/2025/04/19/is-arctic-amplification-an-averaging-error/>

#### **Link to paper: Spatiotemporal Divergence of the Warming Hiatus over Land Based on Different Definitions of Mean Temperature**

By Chunlüe Zhou and Kaicun Wang, Nature Scientific Reports, August 2016

[https://www.researchgate.net/publication/306239880\\_Spatiotemporal\\_Divergence\\_of\\_the\\_Warming\\_Hiatus\\_over\\_Land\\_Based\\_on\\_Different\\_Definitions\\_of\\_Mean\\_Temperature](https://www.researchgate.net/publication/306239880_Spatiotemporal_Divergence_of_the_Warming_Hiatus_over_Land_Based_on_Different_Definitions_of_Mean_Temperature)

### **Junk science and air pollution**

By S. Stanley Young, Warren B. Kindzierski, American Thinker, Apr 14, 2025

[https://www.americanthinker.com/blog/2025/04/junk\\_science\\_and\\_air\\_pollution.html](https://www.americanthinker.com/blog/2025/04/junk_science_and_air_pollution.html)

### **Was the Sky Ever Falling? Vacating the Endangerment Finding in an Age of Clarity**

Join scientists and economists with a rich history of expertise in climate science and policy as they examine the flawed assumptions, politicized science, and weak statistical foundations that fueled the Endangerment Finding.

May 13, 2025, Virtual registration

<https://www.heritage.org/climate/event/was-the-sky-ever-falling-vacating-the-endangerment-finding-age-clarity>

### **Why The "Emergency Drought" is No Emergency**

By Cliff Mass, Weather Blog, Apr 15, 2025

<https://cliffmass.blogspot.com/2025/04/why-emergency-drought-is-not-emergency.html>

In summary, the "drought emergency" talk is highly irresponsible and in contradiction to observed facts on the ground. It is used as a tool to scare people, often with unsupported attempts to connect the fictitious "drought" to climate change.

### **Nuclear Scientist Says CO2 Is Not Causing Rising Global Temperatures**

Scientist Digby Macdonald said politicians need to rethink carefully what they're doing by condemning CO2.

By Keegan Billings, The Epoch Times, Apr 20, 2025



[https://www.theepochtimes.com/us/nuclear-scientist-says-co2-is-not-causing-rising-global-temperatures-5844291?&utm\\_source=MB\\_article\\_paid&utm\\_campaign=MB\\_article\\_2025-04-21-ca&utm\\_medium=email&est=iOeGmTU%2FqwwQKEUQj%2BTzmOUNV1%2Fn2bY5g9Qt3LVo%2Be3sX87w1PvqG5kKxgiQkuhZg8lJHk%3D&utm\\_content=more-top-news-4](https://www.theepochtimes.com/us/nuclear-scientist-says-co2-is-not-causing-rising-global-temperatures-5844291?&utm_source=MB_article_paid&utm_campaign=MB_article_2025-04-21-ca&utm_medium=email&est=iOeGmTU%2FqwwQKEUQj%2BTzmOUNV1%2Fn2bY5g9Qt3LVo%2Be3sX87w1PvqG5kKxgiQkuhZg8lJHk%3D&utm_content=more-top-news-4)

“And the definition of climate is the weather integrated over three months. That also leads to many different climates, not one climate.”

*[SEPP Comment: Thirty years, not three months.]*

### **#LookItUp: Real time comparative tropical cyclone activity**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/lookup-real-time-comparative-tropical-cyclone-activity/>

Link to: **Northern Hemisphere Tropical Cyclone Activity for 2025 (2024/2025 for the Southern Hemisphere)**

By Staff, Department of Atmospheric Science, Colorado State University, Apr 23, 2025

<https://tropical.atmos.colostate.edu/Realtime/>

### ***Defending the Orthodoxy***

#### **The Fifth National Climate Assessment**

The Fifth National Climate Assessment is the US Government’s preeminent report on climate change impacts, risks, and responses. It is a congressionally mandated interagency effort that provides the scientific foundation to support informed decision-making across the United States.

By Staff and the private group ICF International, U.S. Global Change Research Program, November 2023

<https://nca2023.globalchange.gov/>

#### **From crisis to opportunity: a united response to Trump's attacks on climate action**

By Marina Romanello, et al., The Lancet, Apr 21, 2025

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(25\)00777-9/abstract?dgcid=raven\\_jbs\\_aip\\_email](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(25)00777-9/abstract?dgcid=raven_jbs_aip_email)

Link to: **Endangerment and Cause or Contribute Findings for Greenhouse Gases Under Section 202(a) of the Clean Air Act**

Press release, EPA, Last updated Feb 27, 2025

<https://www.epa.gov/climate-change/endangerment-and-cause-or-contribute-findings-greenhouse-gases-under-section-202a>

#### **Global Warming Is Irreversible**

By William D. Fletcher and Craig B. Smith, Real Clear Energy, Apr 15, 2025

[https://www.realclearenergy.org/articles/2025/04/15/global\\_warming\\_is\\_irreversible\\_1104194.html](https://www.realclearenergy.org/articles/2025/04/15/global_warming_is_irreversible_1104194.html)

The IPCC’s (International Panel on Climate Change) goal is to hold the increase in the global average temperature to well **below 2°C (3.6°F)** above pre-industrial levels and pursue efforts to limit the temperature **increase to 1.5°C (2.7°F)** above pre-industrial levels. The 2°C (3.6°F) limit is a best estimate of the maximum **temperature rise beyond which the effects of global**

**warming are unpredictable.** It is a judgement call. The IPCC's 1.5°C (2.7°F) goal was **exceeded for the first time in 2024.** [Emphasis in original]

### **The Science of Scapegoating: Nature's Farcical Case for Climate Litigation**

By Charles Rotter, WUWT, Apr 24, 2025

<https://wattsupwiththat.com/2025/04/24/the-science-of-scapegoating-nature-magazines-farcical-case-for-climate-litigation/>

Link to editorial: **Carbon majors and the scientific case for climate liability**

By Christopher Callahan & Justin Mankin, Nature, Apr 23, 2025

[https://www.nature.com/articles/s41586-025-08751-3.epdf?sharing\\_token=c--h1FnXC70k3v21ncbcVNRgN0jAjWel9jnR3ZoTv0PNVn5qNJQAINIGB8DI-ZFRseL9v-xVGqFBTn1TeHE\\_3ueXbo3snVixx3hvsfWgmcaPCnna09SMvt9h8HRBx8EHJnhK9\\_\\_dORtj8jDr9f7gV6pbSI3Rpd2nqWosrIBEQf8DyemM0Ha3Gy5Yv-312QcQV6C51-p-QfmcDFVw3H9ZdU0Iyf5h-pQ9WHFPbhuNK7k%3D&tracking\\_referrer=www.cbsnews.com](https://www.nature.com/articles/s41586-025-08751-3.epdf?sharing_token=c--h1FnXC70k3v21ncbcVNRgN0jAjWel9jnR3ZoTv0PNVn5qNJQAINIGB8DI-ZFRseL9v-xVGqFBTn1TeHE_3ueXbo3snVixx3hvsfWgmcaPCnna09SMvt9h8HRBx8EHJnhK9__dORtj8jDr9f7gV6pbSI3Rpd2nqWosrIBEQf8DyemM0Ha3Gy5Yv-312QcQV6C51-p-QfmcDFVw3H9ZdU0Iyf5h-pQ9WHFPbhuNK7k%3D&tracking_referrer=www.cbsnews.com)

The abstract begins with: Will it ever be possible to sue anyone for damaging the climate? Twenty years after this question was first posed, we argue that the scientific case for climate liability is closed.

### **The confidence game**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/the-confidence-game/>

### **Scientists React to US Climate Research Program Cancellation**

By Eric Worrall, WUWT, Apr 13, 2025

<https://wattsupwiththat.com/2025/04/13/us-global-change-research-program-cancelled/>

### ***Defending the Orthodoxy – Bandwagon Science***

#### **Rapid flips between warm and cold extremes in a warming world**

By Sijia Wu, et al., Nature Communications, Apr 22, 2025 [H/t Bernie Kepshire]

<https://www.nature.com/articles/s41467-025-58544-5>

*[SEPP Comment: We are experiencing global warming except when we have global cooling? Is Earth's climate stable except for periods of glaciation or D-O events?]*

### **Atlantic Ocean currents are weakening — and it could make the climate in some regions unrecognizable.**

By Sascha Pare, Science Spotlight, Apr 25, 2025 [H/t Bernie Kepshire]

[https://www.livescience.com/planet-earth/rivers-oceans/atlantic-ocean-currents-are-weakening-and-it-could-make-the-climate-in-some-regions-unrecognizable?utm\\_term=62553716-A9B2-4BFB-AE2A-38AF1E275D5A&lrh=98d551973ebd41dc0f60c6779089d8d635fddd35017b47a4e9d6ef2e759aad4b&utm\\_campaign=368B3745-DDE0-4A69-A2E8-62503D85375D&utm\\_medium=email&utm\\_content=456DCB84-5966-457F-8961-32F5C446FB47&utm\\_source=SmartBrief](https://www.livescience.com/planet-earth/rivers-oceans/atlantic-ocean-currents-are-weakening-and-it-could-make-the-climate-in-some-regions-unrecognizable?utm_term=62553716-A9B2-4BFB-AE2A-38AF1E275D5A&lrh=98d551973ebd41dc0f60c6779089d8d635fddd35017b47a4e9d6ef2e759aad4b&utm_campaign=368B3745-DDE0-4A69-A2E8-62503D85375D&utm_medium=email&utm_content=456DCB84-5966-457F-8961-32F5C446FB47&utm_source=SmartBrief)

A cold blob of water in the North Atlantic is an ominous sign that a system of currents that regulate the planet's climate could be weakening.

## **2024 Disaster Review From CRED**

By Paul Homewood, Not a Lot of People Know That, Apr 19, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/19/2024-disaster-review-from-cred/>

Link to: **2024 Disasters in Numbers: A Hot and Stormy Year**

By Staff, Centre for Research on the Epidemiology of Disasters (CRED) at University of Louvain (UCLouvain), April 2025

[https://files.emdat.be/reports/2024\\_EMDAT\\_report.pdf](https://files.emdat.be/reports/2024_EMDAT_report.pdf)

From Homewood: In terms of economic losses, 2024 showed a slight increase over some recent years, but the trend in real terms is if anything downwards:

## **Climate change triples extreme marine heatwaves in last 80 years**

Compiling averages across the globe, scientists have revealed that in the 1940s the sea surface typically experienced around 15 days of extreme heat each year. Today - driven by climate change - that number has jumped to nearly 50 days per year.

By Rob Hutchins, Oceanographic, Apr 16, 2025 [H/t Bernie Kepshire]

[https://oceanographicmagazine.com/news/climate-change-triples-extreme-marine-heatwaves-in-last-80-years/?utm\\_source=The+Fish+Report&utm\\_campaign=781ca60cfd-](https://oceanographicmagazine.com/news/climate-change-triples-extreme-marine-heatwaves-in-last-80-years/?utm_source=The+Fish+Report&utm_campaign=781ca60cfd-EMAIL_FR_Osmoregulation_2025_04_21&utm_medium=email&utm_term=0_781ca60cfd-579598520)

[EMAIL\\_FR\\_Osmoregulation\\_2025\\_04\\_21&utm\\_medium=email&utm\\_term=0\\_781ca60cfd-579598520](https://oceanographicmagazine.com/news/climate-change-triples-extreme-marine-heatwaves-in-last-80-years/?utm_source=The+Fish+Report&utm_campaign=781ca60cfd-EMAIL_FR_Osmoregulation_2025_04_21&utm_medium=email&utm_term=0_781ca60cfd-579598520)

Link to paper: **Global warming drives a threefold increase in persistence and 1 °C rise in intensity of marine heatwaves**

By Marta Marco, et al., PNAS, Apr 14, 2025

<https://www.pnas.org/doi/abs/10.1073/pnas.2413505122>

From article: A marine heatwave is defined as at least five consecutive days when sea temperatures are in the top 10% of temperatures for that day of the year.

Meanwhile, marine heatwaves caused Peruvian anchovies to move away from their usual waters, leading to the closure of commercial fisheries in 2023 and 2024 with estimated losses of \$1.4bn.

*[SEPP Comment: When has the climate been stable? During peak glaciation? The Peruvian “heatwave” is called an El Nino, which has been occurring for centuries.]*

## **Climate trauma from wildfire exposure impacts cognitive decision-making**

By Jason Nan, et al., Nature, Scientific Reports, Apr 16, 2025 [H/t Bernie Kepshire]

<https://www.nature.com/articles/s41598-025-94672-0>

*[SEPP Almost 90 people were killed in this fire which exposed three major government policy failures: 1) failure to maintain power lines; 2) failure to conduct proper vegetation management of fuel and establish firebreaks; and 3) failure to maintain adequate emergency routes, California’s “road diet” was a disaster waiting to happen.]*

## **High probability of triggering climate tipping points under current policies modestly amplified by Amazon dieback and permafrost thaw**

By Jakob Deutloff, et al., Earth System Dynamics, Apr 23, 2025 [H/t Bernie Kepshire]

<https://esd.copernicus.org/articles/16/565/2025/>

We include those uncertainties in our analysis to derive probabilities of triggering for 16 previously identified climate tipping points within the Earth system.

*[SEPP Comment: What happened when the tipping points were exceeded, did Earth disappear into an abyss?]*

## **No Beef, Lamb, Milk and Cheese Within 25 Years Under Net Zero, Government-Funded Report Confirms**

By Chris Morrison, Daily Sceptic Apr 16, 2025

<https://dailysceptic.org/2025/04/16/no-beef-lamb-milk-and-cheese-within-25-years-under-net-zero-government-funded-report-confirms/>

## **Link to report: Agro-Food System Innovation without Greenhouse Gases**

By Staff, UK Fires (Locating Resource Efficiency at the heart of Future Industrial Strategy), Mar 11, 2025

<https://ukfires.org/agro-food-system-innovation-without-greenhouse-gases/>

## ***Questioning the Orthodoxy***

### **Endangerment Finding endangers energy & freedom**

By Craig Rucker, CFACT, Apr 18, 2025

<https://www.cfact.org/2025/04/18/endangerment-finding-endangers-energy-freedom/>

### **Who put this lump in their stocking**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/who-put-this-lump-in-their-stocking/>

### **History's Biggest Liars?**

I & I Editorial Board, April 24, 2025

<https://issuesinsights.com/2025/04/24/historys-biggest-liars/>

### **Hurricanes and Tornadoes and Wildfires**

By Joseph D'Aleo, ICECAP, Apr 22, 2025

<http://icecap.us/index.php/go/joes-blog/updates/>

### **“Resolving Global Warming” (check your premises)**

By Robert Bradley Jr., Master Resource, Apr 25, 2025

<https://www.masterresource.org/debate-issues/resolving-global-warming-check-premises/>

### **Climate Change Myths Part 1: Polar Bears, Arctic Ice, and Food Shortages**

Video by John Stossel, Transcript Via Charles Rotter, WUWT, Apr 24, 2025

<https://wattsupwiththat.com/2025/04/24/climate-change-myths-part-1-polar-bears-arctic-ice-and-food-shortages/>

### **Tidbits**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/tidbits-106/>

### **Summertime Reality Twisted Into Climate Exasperation**

By Vijay Jayaraj, CO2 Coalition, Apr 21, 2025

<https://co2coalition.org/2025/04/21/summertime-reality-twisted-into-climate-exasperation/>

## **EXCLUSIVE: Fishermen Urge DOGE-Style Reforms Of ‘Leviathan Bureaucracy’ That Throttled Industry Growth**

By Audrey Streb, Daily Caller, Apr 16, 2025

<https://dailycaller.com/2025/04/16/fishermen-urge-doge-reform-bureaucracy-throttled-industry/>

Link to letter to Elon Musk, Department of Government Efficiency

From Attorney for New England Fishermen’s Stewardship Association (“NEFSA”), Accessed Apr 17, 2025

[https://cdn01.dailycaller.com/wp-](https://cdn01.dailycaller.com/wp-content/uploads/2025/04/c2fa45_ea8199164505416081aa1c73bbdf631e-1.pdf)

[content/uploads/2025/04/c2fa45\\_ea8199164505416081aa1c73bbdf631e-1.pdf](https://cdn01.dailycaller.com/wp-content/uploads/2025/04/c2fa45_ea8199164505416081aa1c73bbdf631e-1.pdf)

## **We Must End Climate Religion’s Hijack of Earth Day**

By Vijay Jayaraj, CO2 Coalition, Apr 22, 2025

<https://co2coalition.org/2025/04/22/we-must-end-climate-religions-hijack-of-earth-day/>

Humanity is not a plague on Earth but its greatest steward. Our ingenuity has cured diseases, doubled lifespans, and connected continents. To solve environmental challenges, we need optimism, not fear; innovation, not austerity; and freedom, not an anti-human dogma.

## **Exposing Renewable Lobby Lies**

By Paul Homewood, Not a Lot of People Know That, Apr 25, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/25/exposing-renewable-lobby-lies/>

Video

## **Energy & Environmental Review: April 14, 2025**

By John Droz, Jr., Master Resource, Apr 14, 2025

<https://www.masterresource.org/alliance-for-wise-energy-decisions/energy-environmental-review-04-14-2025/>

## ***After Paris!***

### **The crucial line that doesn’t matter**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/the-crucial-line-that-doesnt-matter/>

For years we were hectored that holding the world to the Paris Agreement limit of 1.5°C of warming from “pre-industrial times”, a term alarmists use to mean “75 years after the industrial revolution” started not “before there was industry”, was critically crucial in its vital importance. But alas their rhetoric was unpersuasive, their plans were unsound or both, and they admit 1.5 is “out of reach.” So now we’re told that while it was essential it didn’t really matter whereas 2.0°C is like this time for sure man unless it’s not.

## ***Social Benefits of Carbon Dioxide***

### **It Is Easy Going Green**

By John Robson, Climate Discussion Nexus, Apr 11, 2025

<https://climatediscussionnexus.com/videos/it-is-easy-going-green/>

Video CO2, the magic medicine

IPCC – Summaries omit the benefits of increasing CO2

## **Percent dry weight (biomass) increases for 300 and 600 ppm increases in the air's CO2 concentration: cotton**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/percent-dry-weight-biomass-increases-for-300-and-600-ppm-increases-in-the-air-co2-concentration-cotton/>

From the CO2Science Archive:

## **Orange man good for mandarin orange**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/orange-man-good-for-mandarin-orange/>

From the CO2Science Archive:

## ***Problems in the Orthodoxy***

### **China to keep building coal plants through 2027, state planner says**

By Colleen Howe, Reuters, Apr 14, 2025

<https://www.reuters.com/sustainability/climate-energy/china-keep-building-coal-plants-through-2027-state-planner-says-2025-04-14/>

## ***Seeking a Common Ground***

### **Trump Comes for Climate Research**

Making sense of the USGCRP and NCA

By Roger Pielke Jr. His Blog, Apr 21, 2025

[https://rogerpielkejr.substack.com/p/trump-comes-for-climate-research?utm\\_source=post-email-title&publication\\_id=119454&post\\_id=161390281&utm\\_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm\\_medium=email](https://rogerpielkejr.substack.com/p/trump-comes-for-climate-research?utm_source=post-email-title&publication_id=119454&post_id=161390281&utm_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm_medium=email)

### **M. Anthony Mills on contemporary science policy in the United States**

By Roger Pielke Jr., His Blog, Apr 17, 2025

[https://rogerpielkejr.substack.com/p/the-new-rules-for-experts?utm\\_source=post-email-title&publication\\_id=119454&post\\_id=161383450&utm\\_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm\\_medium=email](https://rogerpielkejr.substack.com/p/the-new-rules-for-experts?utm_source=post-email-title&publication_id=119454&post_id=161383450&utm_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm_medium=email)

Surprising as it might seem today, Republicans expressed higher trust in science than Democrats until the turn of the century, eventually dipping lower around 2008, according to the General Social Survey.

*[SEPP Comment: The issue is poorly stated. It is trust in scientists, particularly politicized scientists, that is the issue, not trust in science or the scientific method, a process that must be strictly maintained.]*

### **Reversing soil desiccation: cooler, moister, greener**

By Douglas Sheil, Climate Etc., Apr 16, 2025

<https://judithcurry.com/2025/04/16/reversing-soil-desiccation-cooler-moister-greener/>

Link to article: **Abrupt Sea level rise and Earth's gradual pole shift reveal permanent hydrological regime changes in the 21st century**

By Ki-Weon Seo, et al., AAAS Science, Mar 27, 2025

<https://www.science.org/doi/10.1126/science.adq6529>

### ***Science, Policy, and Evidence***

#### **Trump-appointed head of National Science Foundation resigns: ‘I have done all I can’**

NSF Director Sethuraman Panchanathan’s departure comes amid sweeping cuts to the federal workforce and agency grants.

By Hayley Miller, MSNBC.com, Apr 25, 2025

<https://www.msnbc.com/top-stories/latest/national-science-foundation-panchanathan-resignation-trump-rcna202978>

#### **NSF layoffs in 2025: Deep budget cuts headed for U.S. research sector**

By Brian Buntz, R&D World, Apr 10, 2025

<https://www.rdworldonline.com/nsf-layoffs-in-2025-deep-budget-cuts-headed-for-u-s-research-sector/>

#### **America returns to active forest management**

By Duggan Flanakin, CFACT, Apr 13, 2025

<https://www.cfact.org/2025/04/13/america-returns-to-active-forest-management/>

Danna Smith, executive director at North Carolina’s Dogwood Alliance, called the Trump order “absolutely the wrong direction and a devastating blow.” Even as wildfires raged in the Carolinas, killing trees and wildlife, Smith claimed that selective logging and removal of dead trees would harm “standing forests” that are vital to fighting the climate crisis.

The irony appears lost to those clinging to the failed federal policy of yesteryear’s progressives.

#### **Starmer’s Surrender To Brussels Will Force Up Energy Bills**

By Paul Homewood, Not a Lot of People Know That, Apr 17, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/17/starmer-surrender-to-brussels-will-force-up-energy-bills/>

But much more seriously we would lose all control over what happens to the carbon price in future. As we know, the Net Zero zealots in the CCC and elsewhere want to see a much higher carbon price in the near future, in order to force our cheap gas power once and for all.

Under Starmer’s craven surrender, there is nothing we could do if the EU wants to do the same.

#### **Mad Miliband Resorts To Lies To Defend Net Zero Agenda**

By Paul Homewood, Not a Lot of People Know That, Apr 20, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/20/mad-miliband-resorts-to-lies-to-defend-net-zero-agenda/>

And in true Guardian style, Miliband resorts to his planet saving excuse warning that an anti-net zero agenda would risk “climate breakdown”, as if the UK’s 1% of the world’s emissions will make a jot of difference.

### ***Models v. Observations***

#### **Mediterranean rainfall data vs climate models**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/mediterranean-rainfall-data-vs-climate-models/>

#### **Looking to the Pacific, scientists improve forecasts of atmospheric rivers**

By David Hosansky, NCAR & UCAR, Phys.org, Apr 18, 2025

<https://phys.org/news/2025-04-pacific-scientists-atmospheric-rivers.html>

### ***Measurement Issues -- Atmosphere***

#### **Weather satellite operational, completes fleet to forecast severe storms on Earth**

By Sheri Walsh, Terra News, Washington DC (UPI) Apr 8, 2025

[https://www.terradaily.com/reports/Weather\\_satellite\\_operational\\_completes\\_fleet\\_to\\_forecast\\_severe\\_storms\\_on\\_Earth\\_999.html](https://www.terradaily.com/reports/Weather_satellite_operational_completes_fleet_to_forecast_severe_storms_on_Earth_999.html)

The fleet of satellites is expected to provide valuable information about this year's Atlantic hurricane season, which is forecast to rival 2024, one of the most devastating and costliest hurricane seasons on record for the Southeast and Florida, due to damage caused by Beryl, Helene and Milton.

*[SEPP Comment: The hurricane season may have been costly for the Southeast and Florida, but not one of the most devastating ones in terms of wind speed. Information prior to 1964 is poor compared with modern information due to the lack of satellite coverage. Today, storms are routinely named that would have not been noticed without satellite coverage.]*

### ***Changing Weather***

#### **The hurricane dead zone: Map shows coastline that hurricanes can't seem to reach**

By Doyle Rice, USA Today, Apr 19, 2025 [H/t Bernie Kepshire]

[https://www.yahoo.com/news/hurricane-dead-zone-map-shows-100258521.html?guccounter=1&guce\\_referrer=aHR0cDovL21haWwuaGFhcGFsYS5jb20v&guce\\_referrer\\_sig=AQAAAB2TyHKelsAlyqu33CEOb1WYpIMXUeFevwblqPBJPOgALzDv6vzdqYdnvcvSO6DoOcRNlwcTiqfxt65uER54-R8V3m9tiPSw3ryshUQvdm49ynXT2jRfczH1Dn1rTQiNrAnMP4Zgdwbjn0p9o-wtdL1-9P7FwOnOEGIBU-R4Pmn6](https://www.yahoo.com/news/hurricane-dead-zone-map-shows-100258521.html?guccounter=1&guce_referrer=aHR0cDovL21haWwuaGFhcGFsYS5jb20v&guce_referrer_sig=AQAAAB2TyHKelsAlyqu33CEOb1WYpIMXUeFevwblqPBJPOgALzDv6vzdqYdnvcvSO6DoOcRNlwcTiqfxt65uER54-R8V3m9tiPSw3ryshUQvdm49ynXT2jRfczH1Dn1rTQiNrAnMP4Zgdwbjn0p9o-wtdL1-9P7FwOnOEGIBU-R4Pmn6)

(It should, however, be noted that the map only shows the location at the moment of landfall, and not any impacts a given storm might have hundreds or even thousands of miles away from where the hurricane made landfall. Regions far away from a dot could still face the wrath of a hurricane.)

### **Hurricanes and Tornadoes and Wildfires**

By Joseph D'Aleo, ICECAP, Apr 22, 2025

<http://icecap.us/index.php/go/joes-blog/updates/>

### **Most major hurricanes evah!**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/most-major-hurricanes-evah/>

The second key point is that tropical cyclone landfalls exhibit high variability. And as everybody knows who cares to, the greater the variability, the harder it is to separate noise from signal and the longer the time series you need to develop even medium confidence about a trend.

Finally, the notion that major storms are surging proving a crisis and so forth is undermined by the fact that the trend for "Accumulated Cyclonic Energy" or total destructive horribleness of all storms in a year combined seems to be "flat as a pancake".

### **Here we go again, windstorm edition**

By John Robson, Climate Discussion Nexus, Apr 16, 2025



<https://climatediscussionnexus.com/2025/04/16/here-we-go-again-windstorm-edition/>

Supposedly it's spring, despite various local headlines of the "Arctic air will spill into Ontario with possible 15-25 cm of April snow" variety. And with the seasonal upsurge in wind comes the seasonal upsurge in claims that windstorms are proof of man-made climate hysteria. For instance Matthew Wielicki notes that "It's Tornado Season Again, Again, Again..."

So can the dreaded CO2 add causing American tornadoes to become less destructive to its list of blessings? Well, no. Statistics are sharp on both edges and the fact that the United States has gone 11 years without a single EF6 event may be a blessing but it's not a trend.

### **Early Atlantic Hurricane Season Predictions**

By Kip Hansen, WUWT, Apr 25, 2025

<https://wattsupwiththat.com/2025/04/25/early-atlantic-hurricane-season-predictions/>

### **German Droughts Were Much More Common Back In The Old Days, Before 1980!**

By P Gosselin, No Tricks Zone, Apr 23, 2025

<https://notrickszone.com/2025/04/23/german-droughts-were-much-more-common-back-in-the-old-days-before-1980/>

### **The Day of No Weather and SuperBlue Skies**

By Cliff Mass, Weather Blog, Apr 17, 2025

<https://cliffmass.blogspot.com/2025/04/the-day-of-no-weather-and-superblue.html>

### ***Changing Climate – Cultures & Civilizations***

#### **The Medieval Warm Period In Germany: Inconvenient And Very Real**

By P Gosselin, No Tricks Zone, Apr 25, 2025

<https://notrickszone.com/2025/04/25/the-medieval-warm-period-in-germany-inconvenient-and-very-real/>

### **The Weather and Climate of World War II**

By Andy May, WUWT, Apr 17, 2025

<https://wattsupwiththat.com/2025/04/17/the-weather-and-climate-of-world-war-ii/>

Brönnimann and colleagues believe that the unusual weather during World War II was related to the very strong and persistent El Niño that occurred at the time.

While the world as a whole was unusually warm during the war years on average, Europe, northern Siberia, and the central North Pacific suffered through three bitterly cold winters from late 1939 to 1942. The Southern Hemisphere was not spared, sea surface temperatures in the southern mid-latitudes were unusually cool and Australia suffered from a very prolonged drought from 1937 to 1945 (Hegerl, Brönnimann, Schurer, & Cowan, 2018).

### ***Changing Seas***

#### **Atmospheric winds have surprising impact on ocean weather**

New research improves ocean weather forecasts, enhancing public safety and economic growth  
Press Release, NSF, Apr 21, 2025

[https://www.nsf.gov/news/atmospheric-winds-have-surprising-impact-ocean-weather?utm\\_medium=email&utm\\_source=govdelivery](https://www.nsf.gov/news/atmospheric-winds-have-surprising-impact-ocean-weather?utm_medium=email&utm_source=govdelivery)

Link to paper: Atmospheric wind energization of ocean weather

By Shikhar Rai, J. Thomas Farrar & Hussein Aluie, Nature Communications, Jan 30, 2025  
<https://www.nature.com/articles/s41467-025-56310-1>

### **Current Sea Surface Temperatures and the Sinking of the Titanic**

By Cliff Mass, Weather Blog, Apr 19, 2025

<https://cliffmass.blogspot.com/2025/04/current-sea-surface-temperatures-and.html>

### ***Changing Cryosphere – Land / Sea Ice***

#### **How long will the Arctic ice pause last?**

By David Whitehouse, Net Zero Watch, Apr 15, 2025

<https://www.netzerowatch.com/all-news/how-long-will-the-arctic-ice-pause-last>

Link to paper: **Surprising, but not unexpected, multi-decadal pause in Arctic sea ice loss**

By Mark England, et al., ESS Open Archive, Mar 29, 2025

<https://essopenarchive.org/doi/full/10.22541/essoar.174329135.56312606/v1>

From abstract: Over the past two decades, Arctic sea ice loss has slowed considerably, with no statistically significant decline in September sea ice area since 2005. This pause is robust across observational datasets, metrics, and seasons.

### **#LookItUp: Canadian Arctic sea ice**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/lookitup-canadian-arctic-sea-ice/>

### **New Study: Plant Remains Embedded In A Modern Glacier Evidence A Warmer Antarctica 1000 Years Ago**

By Kenneth Richard, No Tricks Zone, Apr 21, 2025

<https://notrickszone.com/2025/04/21/new-study-plant-remains-embedded-in-a-modern-glacier-evidence-a-warmer-antarctica-1000-years-ago/>

Link to paper: **A warming pulse in the Antarctic continent changed the landscape during the Middle Ages**

By Emanuele Forte, et al., Nature, Communications Earth & Environment, Apr 11, 2025

<https://www.nature.com/articles/s43247-025-02259-4>

### **Blame the Vikings! Moss found in East Antarctica lived in warmer summers a thousand years ago.**

By Jo Nova, Her blog, Apr 23, 2025

<https://joannenova.com.au/2025/04/blame-the-vikings-moss-found-in-east-antarctica-lived-in-warmer-summer-a-thousand-years-ago/>

See link immediately above.

### ***Agriculture Issues & Fear of Famine***

#### **Climate change could deliver considerable blows to US corn growers, insurers: Study**

By Sharon Udasin, The Hill, Apr 25, 2025

<https://thehill.com/policy/equilibrium-sustainability/5268036-climate-change-us-corn-crop-insurance-usda/>

Link to paper: **Climate-Driven Doubling of U.S. Maize Loss Probability: Interactive Simulation with Neural Network Monte Carlo**

By A. Samuel Pottinger, et al., Journal of Data Science, Statistics, and Visualisation [sic], April 2025

<https://jdssv.org/index.php/jdssv/article/view/134/72>

From article: “We are already seeing more intense droughts, longer heat waves, and more catastrophic floods,” co-author Timothy Bowles, associate professor in environmental science at UC Berkeley, said in a statement.

*[SEPP Comment: Study does not address a key question: After decades of global warming, why are grain yields increasing?]*

### **The cocoa price crisis is a Big Government price fixing disaster, not a climate change one**

By Jo Nova, Her Blog, Apr 24, 2025

<https://joannenova.com.au/2025/04/the-cocoa-price-crisis-is-a-big-government-price-fixing-disaster-not-a-climate-change-one/>

Instead, African governments have fixed the price of cocoa for decades, forcing poor farmers to work for a pittance, and keeping the big profits for themselves. Not surprisingly, even though there is a wild price spike, farmers in Ghana are leaving the industry, smuggling crops out (because they get a better price). They didn't plant new trees, they ran out of money for fertilizer, and didn't try new varieties. Their children don't want to farm cocoa, and the yields are falling on old sickly plantations.

### **Lowering Standards**

#### **King Charles wades into politics with letter to Ed Miliband**

By Paul Homewood, Not a Lot of People Know That, Apr 25, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/25/king-charles-wades-into-politics-with-letter-to-ed-miliband/>

As has been rightly said, the late Queen would not have gone anywhere near such a controversial and overtly political topic.

### **BBC & Weather Attribution Models**

By Paul Homewood, Not a Lot of People Know That, Apr 12, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/12/bbc-weather-attribution-models/>

I intend to pursue this with the ECU on two grounds:

- 1) That a obscure correction on an article published last June will not be seen by anybody. Instead a full correction needs to be logged on the BBC Complaints website
- 2) Now the BBC admits weather attribution is not based on facts, data or evidence, all future BBC reports quoting it must carry on warning notice to this effect.

### **The Mirage of Milestones: Debunking Ember's 2025 Global Electricity Review**

By Charles Rotter, WUWT, Apr 15, 2025

<https://wattsupwiththat.com/2025/04/15/the-mirage-of-milestones-debunking-embers-2025-global-electricity-review/>

Link to: **Global Electricity Review 2025**

Record renewables growth led by solar helped push clean power past 40% of global electricity in 2024, but heatwave-related demand spikes led to a small increase in fossil generation.

By Euan Graham, Nicolas Fulghum, and Katye Altieri, Ember, Apr 8, 2025

<https://ember-energy.org/latest-insights/global-electricity-review-2025/>

*[SEPP Comment: At Ember, is the sun bright at midnight?]*

### ***Communicating Better to the Public – Use Yellow (Green) Journalism?***

#### **Banking on it**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/banking-on-it/>

But there's a difference between welcoming support and hallucinating it. And thus it is that *Scientific American* bellows "Big Banks Quietly Prepare for Catastrophic Warming" when in fact big banks do not prepare for catastrophic warming, quietly or otherwise.

#### **The New York Times' Claim That Climate Change Threatens the Global Economy Is False**

By Anthony Watts, Climate Realism, Apr 16, 2025

<https://climaterealism.com/2025/04/the-new-york-times-claim-that-climate-change-threatens-the-global-economy-is-false/>

#### **Small world**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/small-world/>

The *New York Times* warns us that "The Next Generation of American Scientists Is Losing Faith". It is of course Donald Trump's fault, the president being almost as big a bogey as climate change: "Amid sweeping cuts to federal research funding by the Trump administration" world ends, women and minorities hardest hit.

#### **There's just no pleasing some people**

By John Robson, Climate Discussion Nexus, Apr 16, 2025

<https://climatediscussionnexus.com/2025/04/16/theres-just-no-pleasing-some-people/>

#### **Tidbits**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/tidbits-107/>

#### **Wrong, ABC News, Climate Change Didn't Cause 2025's Severe Tornado Outbreak**

By Linnea Lueken, Climate Realism, Apr 14, 2025

<https://climaterealism.com/2025/04/wrong-abc-news-climate-change-didnt-cause-2025s-severe-tornado-outbreak/>

### ***Communicating Better to the Public – Exaggerate, or be Vague?***

#### **Extreme Heat Is Coming. One Key Program Could Help Provide Energy Security.**

By Christopher R. Knittel, Real Clear Energy, April 23, 2025

[https://www.realclearenergy.org/articles/2025/04/23/extreme\\_heat\\_is\\_coming\\_one\\_key\\_program\\_could\\_help\\_provide\\_energy\\_security\\_1105934.html](https://www.realclearenergy.org/articles/2025/04/23/extreme_heat_is_coming_one_key_program_could_help_provide_energy_security_1105934.html)

*[SEPP Comment: Special pleading, summer is coming.]*

### ***Communicating Better to the Public – Make things up.***

#### **The Flawed ICAT Hurricane Loss Dataset: A Call for Scientific Integrity in Climate Research**

By Charles Rotter, WUWT, Apr 25, 2025

<https://wattsupwiththat.com/2025/04/25/the-flawed-icat-hurricane-loss-dataset-a-call-for-scientific-integrity-in-climate-research/>

Link to paper: **Do Not Use the ICAT Hurricane Loss “Dataset”: An Opportunity for Course Correction in Climate Science**

By Roger Pielke Jr., Journal of Applied Meteorology and Climatology, Apr 1, 2025

<https://journals.ametsoc.org/view/journals/apme/64/4/JAMC-D-24-0222.1.xml>

### **The Impact Of The Ukraine War On UK Energy Costs**

By Paul Homewood, Not a Lot of People Know That, Apr 20, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/20/the-impact-of-the-ukraine-war-on-uk-energy-costs/>

In short, Miliband’s claim that his green transition would have saved consumers money is pure bunkum.

### **No, BBC, Electricity is Not Expensive Because of Gas But Because of Renewables Subsidies**

By David Turver, The Daily Sceptic, Apr 16, 2025

<https://dailysceptic.org/2025/04/16/no-bbc-electricity-is-not-expensive-because-of-gas-but-because-of-renewables-subsidies/>

Perhaps we should take Adam Berman at his word and offer to pay renewables generators just the market value of their output, which on summer days can often be negative. I don’t think we will see many takers. Remember, if something needs a subsidy, it’s more expensive.

*[SEPP Comment: See link immediately below. Berman is the Director of Policy and Advocacy at Energy UK.]*

### **BBC Ignore The Renewable Elephant In The Room**

By Paul Homewood, Not a Lot of People Know That, Apr 16, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/16/bbc-ignore-the-renewable-elephant-in-the-room/>

*[SEPP Comment: Provides evidence supporting the issues discussed by the Daily Sceptic above]*

### **Careful Research At BBC News**

By Tony Heller, His Blog, Apr 24, 2025

<https://realclimatescience.com/2025/04/careful-research-at-bbc-news/#gsc.tab=0>

### ***Communicating Better to the Public – Use Propaganda***

#### **BBC Prefer Propaganda To Facts**

By Paul Homewood, Not a Lot of People Know That, Apr 24, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/24/bbc-prefer-propaganda-to-facts-2/>

### ***Communicating Better to the Public – Use Propaganda on Children***

**In crash-test dummy land, we solve teenage girl climate anxiety with \$500b in fantasy weather experiments...**

By Jo Nova, Her Blog, Apr 17, 2025

<https://joannenova.com.au/2025/04/in-crash-test-dummy-land-we-solve-teenage-girl-climate-anxiety-with-500b-in-fantasy-weather-experiments/>

### ***Expanding the Orthodoxy***

#### **Who owns the oceans? The UN wants to tax ships to reduce carbon emissions — a \$40b windfall for unaccountable global bureaucrats**

By Jo Nova, Her Blog, Apr 15, 2025

<https://joannenova.com.au/2025/04/who-owns-the-oceans-the-un-wants-to-tax-ships-to-reduce-carbon-emissions-a-40b-windfall-for-unaccountable-global-bureaucrats/>

The US delegation left the proceedings, but apparently that doesn't matter because they don't have many boats (can we get an exemption too?)

End the UN. It has failed at the only tasks it was set up to do — stop wars and end pandemics.

### ***Questioning European Green***

#### **The Green Revolution is Destroying UK Jobs, Livelihoods and Communities**

By Chris Morrison, The Daily Sceptic, Apr 24, 2025

<https://dailysceptic.org/2025/04/24/the-green-revolution-is-destroying-uk-jobs-livelihoods-and-communities/>

### **Sticking plasters for the energy crisis**

By Andrew Montford, Net Zero Watch, Apr 17, 2025

<https://www.netzerowatch.com/all-news/sticking-plaster-solutions-energy-crisis>

The most important step in getting back to cheap electricity is to face reality and close down all the renewables.

### ***Questioning Green Elsewhere***

#### **Offshore Wind: GAO Report Reveals the Fallout of Biden's Green Industrial Gamble**

By Charles Rotter, WUWT, Apr 16, 2025

<https://wattsupwiththat.com/2025/04/16/offshore-wind-gao-report-reveals-the-fallout-of-bidens-green-industrial-gam>

Link to: **Offshore Wind Energy: Actions Needed to Address Gaps in Interior's Oversight of Development**

By Staff, Government Accountability Office, April 2025

<https://www.gao.gov/assets/gao-25-106998.pdf>

### **What Does It Cost? The Consequences of the Net Zero Energy Agenda**

By Staff, Discovery Institute, Apr 23, 2025 [H/t Willie Soon]

<https://www.youtube.com/watch?v=M1FGql4hD4Y>

Video

### **Earth Day Reminder: Fossil Fuels Feed the World**

By Vijay Jayaraj, CO2 Coalition, Apr 22, 2025

<https://co2coalition.org/2025/04/22/earth-day-reminder-fossil-fuels-feed-the-world/>

However, what many analysts and climate activists do not acknowledge is that these life-saving fertilizers are made with the help of fossil fuels. Yes, the same fossil fuels that they blame for destroying our planet and which they brand as “anti-green.”

### ***Non-Green Jobs***

## **Let Ed Run It**

The British steel industry's final days devolve into a cynical game of blamestorming.

By Doomberg, Apr 23, 2025

<https://newsletter.doomberg.com/p/let-ed-run-it>

## **Steal mill**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/steal-mill/>

As here, in fact, because for someone to speak of the debacle of British deindustrialization as the product of the free market would be a prime example of ideology overriding facts if indeed thought worked that way.

## ***Funding Issues***

### **Science Subsidy Trap: Why Public Research Funding Needs to End**

By Cameron English, ACSH, Apr 16, 2025

<https://www.acsh.org/news/2025/04/16/science-subsidy-trap-why-public-research-funding-needs-end-49423>

*[SEPP Comment: Government did not fund the industrial revolution in Britian and America.]*

### **Memo Details NOAA Climate Research Cuts, Shift to Fossil Fuels**

By Michael Katz, Newsmax, April 11, 2025 [H/t Gordon Fulks]

<https://www.newsmax.com/scitech/white-house-omb-noaa/2025/04/11/id/1206616/>

### **Claim: US Companies Will Stay True to Climate Commitments**

By Eric Worrall, WUWT, Apr 12, 2025

<https://wattsupwiththat.com/2025/04/12/claim-us-companies-will-stay-true-to-climate-commitments/>

What happened to the Net Zero Banking Alliance again?

## ***Litigation Issues***

### **The Plagiarism Problem Plaguing the “ExxonKnew” Lawfare Lawsuits — Summary for Policymakers**

By Russell Cook, Gelbspan Files, Apr 23, 2025

<https://gelbspanfiles.com/?p=18393>

### **‘Flagrantly Unlawful Action’: Universities Sue Trump’s Energy Department Over Latest Funding Cuts**

By Jaryn Crouson, The Daily Caller, Apr 15, 2025

<https://dailycaller.com/2025/04/15/flagrantly-unlawful-action-universities-sue-trumps-energy-department-over-latest-funding-cuts/>

### **Federal Judge Blocks Trump’s Freeze on Climate, Infrastructure Grants**

The judge said agencies following the president’s direction cannot ‘hamstring in perpetuity two statutes passed by Congress during the previous administration.’

By Zachary Stieber, The Epoch Times, Apr 16, 2025

[https://www.theepochtimes.com/us/federal-judge-blocks-trumps-freeze-on-climate-infrastructure-grants-5842680?utm\\_source=partner&utm\\_campaign=ZeroHedge](https://www.theepochtimes.com/us/federal-judge-blocks-trumps-freeze-on-climate-infrastructure-grants-5842680?utm_source=partner&utm_campaign=ZeroHedge)  
[SEPP Comment: The court is US District Court for the District of Rhode Island.]

### **EPA granted appellate stay after judge rules to end GGRF funding freeze**

A judge ruled Tuesday to end the freeze and allow grantees to access their funding, but appellate judges granted EPA a stay on that injunction late Wednesday.

By Diana DiGangi, Utility Dive, Apr 17, 2025

<https://www.utilitydive.com/news/epa-dc-appeals-court-stay-greenhouse-ggrf-funding-freeze/745677/>

The stay came after the U.S. District Court for the District of Columbia on Tuesday granted an injunction to the Climate United Fund, Coalition for Green Capital, and Power Forward Communities — nonprofit “green banks” which received \$6.97 billion, \$5 billion and \$2 billion, respectively, from the Inflation Reduction Act’s GGRF.

[SEPP Comment: According to its website: “Climate United is a national public-private investment fund removing financial barriers to clean energy projects so every American benefits from good-paying jobs, lower energy bills, domestic manufacturing, and cleaner air.”]

<https://weareclimateunited.org/>

### **New Trump Executive Order Threatens California’s Climate Ambitions**

By Marc Joffe, Epoch Times, Apr 16, 2025 [H/t Bernie Kepshire]

[https://www.theepochtimes.com/opinion/new-trump-executive-order-threatens-californias-climate-ambitions-5842339?utm\\_source=partner&utm\\_campaign=ZeroHedge](https://www.theepochtimes.com/opinion/new-trump-executive-order-threatens-californias-climate-ambitions-5842339?utm_source=partner&utm_campaign=ZeroHedge)

When Trump was last in office, his Department of Justice (DOJ) tried and failed to kill the cap-and-trade program. In 2019, the DOJ sued on the basis that California usurped federal authority by implementing its program in conjunction with the Canadian province of Quebec. But a District Court [Eastern District of California] judge ruled in favor of California.

### **Supreme Court Case Could Spell The End For California’s EV Mandate**

By Audrey Streb, Daily Caller, Apr 23, 2025

<https://dailycaller.com/2025/04/23/supreme-court-california-epa-emissions-rule-electric-vehicles/>

### ***Subsidies and Mandates Forever***

#### **“Solar Madness In Germany”: Gigawatt-Hours Of Subsidized Electricity Gets Dumped Abroad For Free”**

By P Gosselin, No Tricks Zone, Apr 16, 2025

<https://notrickszone.com/2025/04/16/solar-madness-in-germany-gigawatt-hours-of-subsidized-electricity-gets-dumped-abroad-for-free/>

### **Trump Energy secretary: Clean energy tax credits a ‘big mistake**

By Ashleigh Fields, The Hill, Apr 22, 2025

<https://thehill.com/policy/energy-environment/5260769-chris-wright-clean-energy-credits-mistake/>

“I think it’s a big mistake,” Wright told host Stuart Varney, referring to energy tax credits.



“That term ‘clean energy’ is just a marketing term. There’s no clean energy. All energy sources involve trade-offs,” he continued.

### ***EPA and other Regulators on the March***

#### **EPA firing 280 staffers who fought pollution in overburdened neighborhoods**

By Rachel Frazin, The Hill, Apr 22, 2025

<https://thehill.com/policy/energy-environment/5261454-epa-firing-environmental-justice-staff/>

These staffers worked in an area known as environmental justice, which helps communities that face a disproportionate amount of pollution exposure, especially minority or low-income communities.

#### **Trump's EPA Grants Dozens of Coal Plants Exemption From Emissions Rules**

By Darrell Proctor, Power Mag, April 16, 2025

[https://www.powermag.com/trumps-epa-grants-dozens-of-coal-plants-exemption-from-emissions-rules/?utm\\_source=omeda&utm\\_medium=email&utm\\_campaign=pwrnews+eletter&oly\\_enc\\_id=7809H6412578JOB](https://www.powermag.com/trumps-epa-grants-dozens-of-coal-plants-exemption-from-emissions-rules/?utm_source=omeda&utm_medium=email&utm_campaign=pwrnews+eletter&oly_enc_id=7809H6412578JOB)

### ***Energy Issues – Non-US***

#### **UK Electricity Grid Rescued by Gas as Massive Winter Wind Droughts Disrupt Supply**

By Chris Morrison, Daily Sceptic, Apr 18, 2025

<https://dailysceptic.org/2025/04/18/uk-electricity-grid-rescued-by-gas-as-massive-winter-wind-droughts-disrupt-supply/>

#### **Shetland’s Viking Windfarm Scandal**

By Paul Homewood, Not a Lot of People Know That, Apr 19, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/19/shetlands-viking-windfarm-scandal/>

#### **Revealed: Why UK Electricity Costs So Much**

By Sallust, Daily Sceptic, Apr 15, 2025 [H/t Paul Homewood]

<https://dailysceptic.org/2025/04/15/revealed-why-uk-electricity-costs-so-much/>

#### **£400 Million Bill For Wind Constraint Payments Last Year**

By Paul Homewood, Not a Lot of People Know That, Apr 14, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/14/400-million-bill-for-wind-constraint-payments-last-year/>

In future however, if wind capacity is tripled as planned, there will be too much wind power for much of the year across the whole of the country, as on windy days it will exceed demand.

#### **South Africa needs all the products and transportation fuels that renewables cannot provide**

By, Ronald Stein, Robert Jeffrey, and Olivia Vaughan, America Outloud News, Apr 7, 2025

<https://www.americaoutloud.news/south-africa-needs-all-the-products-and-transportation-fuels-that-renewables-cannot-provide/>

### ***Energy Issues – Australia***

## **Name Your Poison, Australia**

Originally published in Quadrant Online, April 2025

By Alan Moran, His Blog, Apr 16, 2025

[https://amoran.substack.com/p/name-your-poison-australia?utm\\_source=post-email-title&publication\\_id=1824724&post\\_id=161506968&utm\\_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm\\_medium=email](https://amoran.substack.com/p/name-your-poison-australia?utm_source=post-email-title&publication_id=1824724&post_id=161506968&utm_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm_medium=email)

## ***Energy Issues -- US***

### **Bookmark This: Buried Biden-admin Bombshell 2.0**

By Staff, Government Accountability & Oversight, Apr 22, 2025

<https://govoversight.org/bookmark-this-buried-biden-admin-bombshell-2-0/>

### **New York Just Can't Catch A Break On The March To Climate Utopia**

By Francis Menton, Manhattan Contrarian, Apr 17, 2025

<https://www.manhattancontrarian.com/blog/2025-4-17-new-york-just-cant-catch-a-break-on-the-march-to-climate-utopia>

The bottom line is that of New York's grandiose plans for 9000 MW of off-shore wind projects, only South Fork Wind (130 MW) is actually finished, and only Sunrise Wind (924 MW) is actually legitimately under construction. Empire Wind and all the rest have gone into limbo, probably never to come out.

### **Kentucky Energy Group Breaks Ground for New RICE Power Plant**

By Darrell Proctor, Power Mag, April 16, 2025

<https://www.powermag.com/kentucky-energy-group-breaks-ground-for-new-rice-power-plant/>

A Kentucky energy provider has broken ground for a new 75-MW power plant that will use reciprocating internal combustion engine (RICE) technology from Wärtsilä.

The plant is engineered for both continuous and peaking services, with the capability for multiple quick starts and stops per day. “

*[SEPP Comment: No estimates of cost of reliable power given.]*

### **Implication of Assessment of Extreme Renewable Resource Lull**

By Roger Caiazza, WUWT, Apr 13, 2025

<https://wattsupwiththat.com/2025/04/13/implication-of-assessment-of-extreme-renewable-resource-lulls/>

*[SEPP Comment: DEFR is the imaginary dispatchable emission free resource technology that New York State agencies are claiming will meet extended periods of low wind and solar and limited electricity storage.]*

### **Blue State Green Energy Overreach Will End Under Trump**

By Larry Bell, Newsmax, Apr 21, 2025

<https://www.newsmax.com/larrybell/blue-states-green-energy-trump/2025/04/21/id/1207681/>

In short, when American energy suffers from regulatory overreach and penalties, we all do.

### **Burgum Takes the Wind Out of the Empire State's Plans**

By Beege Welborn, Hot Air, Apr 17, 2025

[https://hotair.com/tree-hugging-sister/2025/04/17/burgum-takes-the-wind-out-of-the-empire-states-plans-n3801885#google\\_vignette](https://hotair.com/tree-hugging-sister/2025/04/17/burgum-takes-the-wind-out-of-the-empire-states-plans-n3801885#google_vignette)

### ***Washington's Control of Energy***

#### **Trump administration to fast-track fossil fuels and mining on public lands**

By Rachel Frazin, The Hill, Apr 24, 2025

<https://thehill.com/policy/energy-environment/5265095-trump-administration-fossil-fuels-mining-public-lands/>

The Interior Department announced late Wednesday that it will drastically cut down timelines for environmental reviews of projects that produce coal, oil, gas, uranium and other minerals.

#### **Trump administration moves to expand offshore drilling — including in the Arctic**

By Rachel Frazin, The Hill, Apr 18, 2025

<https://thehill.com/policy/energy-environment/5256123-trump-administration-expand-offshore-drilling/>

### **Ambushing American Oil**

By Jay Hakes, Real Clear Energy, April 23, 2025

[https://www.realclearenergy.org/articles/2025/04/23/ambushing\\_american\\_oil\\_1105875.html](https://www.realclearenergy.org/articles/2025/04/23/ambushing_american_oil_1105875.html)

*[SEPP Comment: The author does not understand that different greenhouse gases influence atmospheric temperatures differently.]*

#### **Trump's Energy Policies Will Help U.S. Lead in Global AI Race**

By David Holt, WUWT, Apr 20, 2025

<https://wattsupwiththat.com/2025/04/20/trumps-energy-policies-will-help-u-s-lead-in-global-ai-race/>

### ***Oil and Natural Gas – the Future or the Past?***

#### **Affordable, Reliable, Clean Scorecard: Natural Gas Is Tops, Wind and Solar Are the Worst**

By James Taylor, Real Clear Energy, April 22, 2025

[https://www.realclearenergy.org/articles/2025/04/22/affordable\\_reliable\\_clean\\_scorecard\\_natural\\_gas\\_is\\_tops\\_wind\\_and\\_solar\\_are\\_the\\_worst\\_1105680.html](https://www.realclearenergy.org/articles/2025/04/22/affordable_reliable_clean_scorecard_natural_gas_is_tops_wind_and_solar_are_the_worst_1105680.html)

#### **Trump administration moves to expand offshore drilling — including in the Arctic**

By Rachel Frazin, The Hill, Apr 18, 2025

<https://thehill.com/policy/energy-environment/5256123-trump-administration-expand-offshore-drilling/>

### ***Return of King Coal?***

#### **U.S. Coal Production Continues Steady Decline as Generation Capacity Falls**

By Darrell Proctor, Power Mag, Apr 23, 2025

[https://www.powermag.com/u-s-coal-production-continues-steady-decline-as-generation-capacity-falls/?utm\\_source=omeda&utm\\_medium=email&utm\\_campaign=pwrnews+eletter&oly\\_enc\\_id=7809H6412578J0B](https://www.powermag.com/u-s-coal-production-continues-steady-decline-as-generation-capacity-falls/?utm_source=omeda&utm_medium=email&utm_campaign=pwrnews+eletter&oly_enc_id=7809H6412578J0B)

[falls/?utm\\_source=omeda&utm\\_medium=email&utm\\_campaign=pwrnews+eletter&oly\\_enc\\_id=7809H6412578J0B](https://www.powermag.com/u-s-coal-production-continues-steady-decline-as-generation-capacity-falls/?utm_source=omeda&utm_medium=email&utm_campaign=pwrnews+eletter&oly_enc_id=7809H6412578J0B)

Link to report: **U.S. production of all types of coal has declined over the past two decades**

By Staff, US Energy Information Administration (EIA), Apr 8, 2025  
<https://www.eia.gov/todayinenergy/detail.php?id=64924>

### ***Nuclear Energy and Fears***

#### **China builds world's first working thorium reactor using declassified US documents**

By Aamir Kholam, Interesting Engineering, Apr 17, 2025 [H/t Bernie Kepshire]

<https://www.yahoo.com/news/china-builds-world-first-working-210159835.html>

Chinese scientists have completed a major breakthrough in clean energy by reloading fresh fuel into a working thorium molten salt reactor.

#### **California net-zero leaders want to shutter its only zero-emissions electricity-generating plant**

By Ronald Stein and Gene A. Nelson, America Outloud News, Apr 21, 2025

<https://www.americaoutloud.news/california-net-zero-leaders-want-to-shutter-its-only-zero-emissions-electricity-generating-plant/>

#### **Washington's Only Nuclear Power Station Will Be Shut Down for Two Months, Can Wind Energy Fill The Gap?**

By Cliff Mass, Weather Blog, Apr 22, 2025

<https://cliffmass.blogspot.com/2025/04/washingtons-only-nuclear-power-station.html>

### ***Alternative, Green (“Clean”) Solar and Wind***

#### **China Has Chokehold on Minerals, US Must Break It**

By Larry Bell, Newsmax, Apr 17, 2025

<https://www.newsmax.com/larrybell/china-rare-earth-minerals-donald-trump/2025/04/16/id/1207179/>

#### **Facility Decommissioning**

By Robert Bradley Jr., Master Resource, Apr 15, 2025

<https://www.masterresource.org/solar-rooftop/solar-decommissioning-alert/>

“This is where the next frontier of solar energy lies—not in installing the next 100GW—it’s rescuing the first 100GW.” – Cesar Barbosa

#### **Offshore wind developers risk trouble with Trump**

By Collister Johnson, CFACT, Apr 14, 2025

<https://www.cfact.org/2025/04/14/offshore-wind-developers-risk-trouble-with-trump/>

*[SEPP Comment: Politics aside, can offshore wind produce reliable, affordable electricity?]*

#### **Siemens Gamesa Installs World's Most Powerful Wind Turbine at Denmark Test Site**

By Darrell Proctor, Power Mag, Apr 3, 2025

[https://www.powermag.com/siemens-gamesa-installs-worlds-most-powerful-wind-turbine-at-denmark-test-site/?utm\\_source=omeda&utm\\_medium=email&utm\\_campaign=pwrrenewable+eletter&oly\\_enc\\_id=7809H6412578J0B](https://www.powermag.com/siemens-gamesa-installs-worlds-most-powerful-wind-turbine-at-denmark-test-site/?utm_source=omeda&utm_medium=email&utm_campaign=pwrrenewable+eletter&oly_enc_id=7809H6412578J0B)

Siemens Gamesa reportedly received €30 million (\$32.2 million) in funding from the European Union for testing of the prototype at the National Test Centre for Large Wind Turbines at Østerild. The new turbine, called the SG DD-276, has a 276-meter rotor. [905 feet]

### **Wake Physics: Large Wind Farms Are Making Downstream Turbines Unprofitable**

By P Gosselin, No Tricks Zone, Apr 20, 2025

<https://notrickszone.com/2025/04/20/wake-physics-large-wind-farms-are-making-downstream-turbines-unprofitable/>

*[SEPP Comment: Will there be a race on who can capture the wind first?]*

### **The Blade Stops Here: France Holds Wind Industry Accountable at Last**

By Charles Rotter, WUWT, Apr 20, 2025

<https://wattsupwiththat.com/2025/04/20/the-blade-stops-here-france-holds-wind-industry-accountable-at-last/>

*[SEPP Comment: For deaths of soaring birds such as eagles.]*

### ***Alternative, Green (“Clean”) Energy -- Storage***

#### **America’s Last Stand: China’s Smart Battery Dominance**

By Andrew King, WUWT, Apr 16, 2025

<https://wattsupwiththat.com/2025/04/16/americas-last-stand-chinas-smart-battery-dominance/>

### **Police investigation launched into second fire at battery recycling plant**

By Paul Homewood, Not a Lot of People Know That, Apr 15, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/15/police-investigation-launched-into-second-fire-at-battery-recycling-plant/>

Video

### ***Alternative, Green (“Clean”) Vehicles***

#### **Only Four Electric Car Manufacturers Worldwide Are Making A Profit!**

By P Gosselin, No Tricks Zone, Apr 12, 2025

<https://notrickszone.com/2025/04/12/only-four-electric-car-manufacturers-worldwide-are-making-a-profit/>

### **The Electric Car Rot**

By Jennifer Marohasy, Her Blog, Apr 25, 2025

<https://jennifermarohasy.com/2025/04/the-electric-car-rot/>

### **Celebrate Earth Day by not burning a Tesla**

By Anthony J. Sadar, American Thinker, Apr 25, 2025

[https://www.americanthinker.com/blog/2025/04/celebrate\\_earth\\_day\\_by\\_not\\_burning\\_a\\_tesla.html](https://www.americanthinker.com/blog/2025/04/celebrate_earth_day_by_not_burning_a_tesla.html)

### **Car Leasing Association Wants Govt Support As EV Second Hand Prices Plummet!**

By Paul Homewood, Not a Lot of People Know That, Apr 14, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/14/car-leasing-association-wants-govt-support-as-ev-second-hand-prices-plummet/>

*[SEPP Comment: EV subsidies forever: subsidize the production, the purchase, and the resale.]*

### ***Carbon Schemes***

#### **Back-Breaking Taxes**

By Willis Eschenbach, WUWT, Apr 20, 2025

<https://wattsupwiththat.com/2025/04/20/back-breaking-taxes/>

#### **Project To Suck Money Out Of Taxpayers Begins In UK**

By Paul Homewood, Not a Lot of People Know That, Apr 21, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/04/18/project-to-suck-money-our-of-taxpayers-begins-in-uk/>

Why are UK taxpayers forced to pay for this pointless nonsense, when the rest of the world does not give a toss?

*[SEPP Comment: Will sucking carbon from the seas stop primary production areas?]*

### ***California Dreaming***

#### **Ways to Rein in the California Coastal Commission**

By Edward Ring, What's Current, Accessed Apr 17, 2025

<https://mailchi.mp/calpolicycenter/whats-current-issue-7860217?e=cd9fa89d1e>

#### **Can EVs Make Up for Gasoline Shortages?**

By Edward Ring, What's Current, Accessed Apr 23, 2025

<https://mailchi.mp/calpolicycenter/whats-current-issue-7860230?e=cd9fa89d1e>

The energy reality in California is that 50 percent of California's energy remains petroleum based.

#### **Gavin Newsom's Grid Impossible (With Eight Charts)**

Gov. Gavin Newsom will run for the White House in 2028. But under his leadership, California's energy prices have skyrocketed.

By Robert Bryce, His Blog, Apr 18, 2025

[https://robertbryce.substack.com/p/gavin-newsoms-grid-impossible-with?utm\\_source=post-email-title&publication\\_id=630873&post\\_id=161584795&utm\\_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm\\_medium=email](https://robertbryce.substack.com/p/gavin-newsoms-grid-impossible-with?utm_source=post-email-title&publication_id=630873&post_id=161584795&utm_campaign=email-post-title&isFreemail=true&r=f7h7&triedRedirect=true&utm_medium=email)

Link to report: **California's Poverty Rate Soars to Alarming High Levels in 2023**

New Census Data Show Disproportionate Hardship for Black and Latinx Californians, as the End of Pandemic-Era Policies Reverses Progress

By Alissa Anderson, et al., California Budget and Policy Center, September 2024

<https://calbudgetcenter.org/resources/californias-poverty-rate-soars-to-alarmingly-high-levels-in-2023/>

From Bryce: People are leaving the Golden State in droves. According to U-Haul, California has come in last place for one-way traffic for five years in a row with more people moving out than moving in. Poverty in Newsom's state — which already has the highest poverty rate in the country — is increasing.

*[SEPP Comment: Bulk of article is paywalled.]*

## **From Refineries to Fiefdoms: Is Newsom Orchestrating a State Takeover of California's Oil Industry?**

By Charles Rotter, WUWT, Apr 18, 2025

<https://wattsupwiththat.com/2025/04/18/from-refineries-to-fiefdoms-is-newsom-orchestrating-a-state-takeover-of-californias-oil-industry/>

Buried in the **California Energy Commission's May 2024 Draft Transportation Fuels Assessment** is an eye-popping section outlining "highly complex implementation policies" for managing gasoline supply. Among these is a **plan for state-owned refineries**, described in detail as a fallback option in the event of market "failures." [Emphasis in original.]

## **Gavin Newsom Begs Regulators To Keep Refineries In Biz After California Dems Ran Industry Out Of Town**

By Nick Pope, Daily Caller, Apr 23, 2025

<https://dailycaller.com/2025/04/23/gavin-newsom-begs-regulators-oil-refineries-online/>

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### **BELOW THE BOTTOM LINE**

## **Trump administration formally loosens restrictions on shower head flow**

By Rachel Frazin, The Hill, Apr 14, 2025

<https://thehill.com/policy/energy-environment/5248699-energy-department-repeals-biden-rule/>

## **UK Gov spends £50 m to dim sun to create slightly less beach weather**

By Jo Nova, Her Blog, Apr 24, 2025

<https://joannenova.com.au/2025/04/uk-gov-spends-50-m-to-dim-sun-to-create-slightly-less-beach-weather/>

The Gods in the UK Parliament plan to spend £50 million in a quest to control sunlight, because obviously, the UK is too sunny

## **Beam them down, Scotty**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/beam-them-down-scotty/>

## **Claim: Forcing Substandard Climate Friendly Appliances on People Saves Money**

By Eric Worrall, WUWT, Apr 18, 2025

<https://wattsupwiththat.com/2025/04/18/claim-forcing-substandard-climate-friendly-appliances-on-people-saves-money/>

## **EPA Chief Sounds Alarm On Rogue Climate Group Launching Sulfur Dioxide Balloons To Geo-Engineer Earth**

By Tyler Durden, Zero Hedge, Apr 16, 2025 [Bernie Kepshire]

<https://www.zerohedge.com/weather/epa-chief-sounds-alarm-rogue-climate-group-launching-sulfur-dioxide-balloons-gzoengineer>

## **Experts discover weather has always happened**

By John Robson, Climate Discussion Nexus, Apr 23, 2025

<https://climatediscussionnexus.com/2025/04/23/experts-discover-weather-has-always-happened/>

### **Greening Without CO2? More Selective Science**

By Charles Rotter, WUWT, Apr 12, 2025

<https://wattsupwiththat.com/2025/04/12/greening-without-co2-more-selective-science/>

### **Geoengineering To Save The Planet**

By Tony Heller, His Blog, Apr 23, 2025

Text: <https://realclimatescience.com/2025/04/geoengineering-to-save-the-planet/#gsc.tab=0>

Video: New Video : Man Made Climate Emergency

<https://realclimatescience.com/2025/04/new-video-man-made-climate-emergency/#gsc.tab=0>

Fifty years ago climate scientists wanted to melt the polar ice caps to save us from global cooling. Now they want to blot out the sun to save us from global warming.

### **Psychoanalysis on Climate ‘Denial’? (stranger and stranger)**

By Robert Bradley Jr., Master Resource, Apr 23, 2025

<https://www.masterresource.org/climate-pessimism-mentality/psychoanalysis-climate-denial/>

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## **ARTICLES**

### **1. World Economic Forum Opens New Probe Into Founder Klaus Schwab**

Founder quit after board moved to investigate whistleblower allegations, which he denies, including use of luxury property and travel

By Shalini Ramachandran, Jenny Strasburg, and AnnaMaria Andriotis, WSJ, Apr 22, 2025

[https://www.wsj.com/business/world-economic-forum-opens-new-probe-into-founder-klaus-schwab-e2f061d6?mod=business\\_more\\_article\\_pos1](https://www.wsj.com/business/world-economic-forum-opens-new-probe-into-founder-klaus-schwab-e2f061d6?mod=business_more_article_pos1)

### **2. When the Wind Didn’t Blow in Germany**

A years-long renewables push leaves the economy hostage to the weather.

By The Editorial Board, WSJ, April 25, 2025

[https://www.wsj.com/opinion/germany-energy-renewables-wind-solar-friedrich-merz-264091b7?mod=opinion\\_lead\\_pos2](https://www.wsj.com/opinion/germany-energy-renewables-wind-solar-friedrich-merz-264091b7?mod=opinion_lead_pos2)