

The Week That Was: 2025-09-20 (September 20, 2025)

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The Science and Environmental Policy Project

Quote of the Week: *“The Theory of Relativity confers an absolute meaning on a magnitude which in classical theory has only a relative significance: the velocity of light. The velocity of light is to the Theory of Relativity as the elementary quantum of action is to the Quantum Theory: it is its absolute core.”*— Max Planck, Scientific Autobiography and Other Papers

Number of the Week: 1.2 deg. F over 40 years. (0.67°C)

THIS WEEK:

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

Scope: TWTW will be somewhat unusual. First, TWTW focuses on deficiencies in the Consensus Report by the National Academies of Sciences, Engineering and Medicine defending the EPA’s Endangerment Finding. Then TWTW discusses some of the key points SEPP plans to emphasize for its position that increasing atmospheric greenhouse gases, particularly carbon dioxide is beneficial to life in general and to humanity. In TWTW, this part will exclude sections explaining the importance of photosynthesis, for which carbon dioxide is essential, for all plant and animal life on Earth and The Cambrian Explosion of aquatic life occurred at a time of concentrations of CO₂ ten to twenty times that of today. Another section that will be in the position paper to EPA but excluded here is toxicology.

TWTW will emphasize the failure of global climate models to forecast atmospheric temperatures, where the Greenhouse Effect occurs and the failure of the modelers to incorporate modern physics that is required to explain the Greenhouse Effect.

National Academies Defending the Orthodoxy: The National Academies of Sciences, Engineering and Medicine defended the EPA’s Endangerment Finding with a Consensus Report “Effects of Human-Caused Greenhouse Gas Emissions on U.S. Climate, Health, and Welfare.” The Introduction of the National Academies Consensus Report (Consensus Report) begins with [ignore references in brackets, these are to be inserted]:

“In 1896, Svante Arrhenius made a bold hypothesis: If gases that absorb heat energy are added to Earth’s atmosphere, then science could quantify how much the average temperature of the Earth would increase (Arrhenius, 1896). This hypothesis was based on earlier laboratory experiments showing that carbon dioxide (CO₂) and water molecules absorb energy, specifically at wavelengths typically emitted as heat from the Earth’s surface (Foote, 1856; Tyndall, 1863). Gathering evidence to test the quantification of planetary-scale effects of changing the composition of the atmosphere would be much more challenging.”

The statement is misleading for three reasons: 1) in 1906 Arrhenius published an amended paper that significantly reduced his calculated influence of carbon dioxide; 2) Arrhenius used the term carbolic acid, a mixture of water and carbon dioxide that exists in liquid form but does not exist

as a gas in the atmosphere; and 3) by 1863 John Tyndal recognized that the most important greenhouse gas is water vapor, not carbon dioxide. It is primarily water vapor that slows the cooling of Earth at night, keeping the land masses of Earth warm enough to prevent growing plants from freezing to death. The old saying it is coldest just before dawn is generally true.

After an introduction, the Summary of the Consensus Report states [Boldface in original]:

“On the basis of the scientific evidence outlined in the body of this report, the committee reached the following overarching conclusion:

Overarching Conclusion: EPA’s 2009 finding that the human-caused emissions of greenhouse gases threaten human health and welfare was accurate, has stood the test of time, and is now reinforced by even stronger evidence. Today, many of EPA’s conclusions are further supported by longer observational records and multiple new lines of evidence. Moreover, research has uncovered additional risks that were not apparent in 2009.

This overarching conclusion is supported by the following five conclusions:

(1) Emissions of greenhouse gases from human activities are increasing the concentration of these gases in the atmosphere. Human activities, such as the extraction and burning of fossil fuels, cement and chemical production, deforestation, and agricultural activities, emit GHGs, which include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and fluorinated gases (F-gases), to the atmosphere. Total global GHG emissions continue to increase, even though U.S. emissions of CO₂ have decreased slightly in recent years largely due to changes in energy production and consumption. Multiple lines of evidence show that GHG emissions from human activities are the primary driver of the observed long-term warming trend. No known natural drivers, such as incoming solar radiation or volcanic emissions, can explain observed changes. [Boldface added]

Here it is important to note that since John Tyndall’s experiments in the 1860s it is well known that the dominant greenhouse gas is water vapor and carbon dioxide is secondary. Further, the global climate models which the Consensus Report praises are based on an increase in water vapor doubling the warming effect of carbon dioxide. However, this increase in water vapor has not been observed. Yet, the EPA and the Consensus Report do not discuss the influence of water vapor. This leads to another serious omission in the report: the greenhouse effect of water vapor dominated the greenhouse effect of both methane and nitrous oxide, rendering them insignificant as greenhouse gases. [See section on modern physics.]

The last line of Conclusion (1) is of the “I couldn’t think of anything else” variety, and it is false. The CERES project, begun in 1997, set out deliberately to measure the heat balance of the earth. The data show that the primary driver of the heat imbalance is a decrease in albedo, not an increase in CO₂. Also, if an increase in CO₂ were responsible for the warming, there would be a **decrease** in Infrared Radiation (IR) to space; the CERES project finds an **increase**.

(2) Improved observations confirm unequivocally that greenhouse gas emissions are warming Earth’s surface and changing Earth’s climate. Longer records, improved and more robust

observational networks, and analytical and methodological advances have strengthened detection of observed changes and their attribution to elevated GHGs. Trends observed include increases in hot extremes and extreme single-day precipitation events, declines in cold extremes, regional shifts in annual precipitation, warming of the Earth's oceans, a decrease in ocean pH, rising sea levels, and an increase in wildfire severity.

(3) Human-caused emissions of greenhouse gases and resulting climate change harm the health of people in the United States. Climate change intensifies risks to humans from exposures to extreme heat, ground-level ozone, airborne particulate matter, extreme weather events, and airborne allergens, affecting incidence of cardiovascular, respiratory, and other diseases. Climate change has increased exposure to pollutants from wildfire smoke and dust, which has been linked to adverse health effects. The increasing severity of some extreme events has contributed to injury, illness, and death in affected communities. Health impacts related to climate-sensitive infectious diseases—such as those carried by insects and in contaminated water—have increased. New evidence is developing about additional health impacts of climate change, including on mental health, nutrition, immune health, antimicrobial resistance, kidney disease, and negative pregnancy-related outcomes. Groups such as older adults, people with preexisting health conditions or multiple chronic diseases, and outdoor workers are disproportionately susceptible to climate-associated health effects. Even as non-climate factors, including adaptation measures, can help people cope with harmful impacts of climate change, they cannot remove the risk of harm.

(4) Changes in climate resulting from human-caused emissions of greenhouse gases harm the welfare of people in the United States. Climate-driven changes in temperature and precipitation extremes and variability are leading to negative impacts on agricultural crops and livestock, even as technological and other changes have increased agricultural production. Climate change, including increases in climate variability and wildfires, is changing the community composition and function of forest and grassland ecosystems and the services they provide. Climate-related changes in water availability and quality vary across regions in the United States with some regions showing a decline. Climate-related changes in the chemistry and the heat content of the ocean are having negative effects on calcifying organisms and contributing to increases in harmful algal blooms. U.S. energy systems, infrastructure, and many communities are experiencing increasing stress and costs owing to the effects of climate change.

(5) Continued emissions of greenhouse gases from human activities will lead to more climate changes in the United States, with the severity of expected change increasing with every ton of greenhouse gases emitted. Despite successful efforts in many parts of the world to reduce emissions, total global GHG emissions have continued to increase, and additional warming is certain. All climate models—regardless of assumptions about future emissions scenarios or estimates of climate sensitivity—consistently project continued warming in response to future atmospheric GHG increases. Applying fundamental physics of the Earth system leads to the same conclusion. Continued changes in the climate increase the likelihood of passing thresholds in Earth systems that could trigger tipping points or other high-impact climate surprises.

In summary, the committee concludes that the evidence for current and future harm to human health and welfare created by human-caused GHGs is beyond scientific dispute. Much of the

understanding of climate change that was uncertain or tentative in 2009 is now resolved and new threats have been identified. These new threats and the areas of remaining uncertainty are under intensive investigation by the scientific community. The United States faces a future in which climate-induced harm continues to worsen and today's extremes become tomorrow's norms."

TWTW searched the report for physical evidence supporting these serious assertions and found none. Instead, it found many citations to studies that generally rely on surface-air temperatures that assert that the cause of warming is greenhouse gases. There is no world-wide standard for the location of instruments, types of instruments, time of record, etc. for surface-air instruments. Thus, any calculations of global temperatures based on surface-air instruments are haphazard.

Once, the US had the gold standard for surface-air temperatures, but NOAA disregarded its obligations and engaged in manipulating the data in a manner that is untraceable. The national record is sullied. Similarly, the UK Met Office is using instruments poorly located for reliable readings, such as next to jet runways.

The Key Messages of the Chapter titled Impacts of Greenhouse Gas Emissions on Future Climate states [Boldface in original]

"EPA (2009) provided projections of future changes in the climate system associated with human caused greenhouse gas (GHG) emissions. Many of these projected changes have been observed since 2009, as described in Chapter 3, including increasing surface temperatures, higher sea levels, and regional variability across the United States in other physical and biological systems.

Continued emissions of greenhouse gases from human activities will lead to more climate changes in the United States, with the severity of expected change increasing with every ton of greenhouse gases emitted. Despite successful efforts in many parts of the world to reduce emissions, total global GHG emissions have continued to increase, and additional warming is certain.

Models have proven skillful and are effective at simulating a fingerprint of human influence on the changing climate that is now observed. Climate models, which simulate the Earth system, have been used since the 1960s to examine the role of different climate forcings in driving climate variability. Models have simulated certain "fingerprints" of the climate response to human-caused GHG emissions that have since been observed, including the vertical structure of temperature changes and enhanced warming over land relative to oceans.

All climate models—regardless of assumptions about future emissions scenarios or estimates of climate sensitivity—consistently project continued warming in response to future atmospheric greenhouse gas increases. Projections of future change draw primarily on physically-based climate models, which have advanced in spatial resolution, process representation, and evaluation since 2009, improving confidence in understanding of the implications of future emissions. Applying fundamental physics of the Earth system leads to the same conclusion about future warming as projected by climate models.

Continued changes in the climate increase the likelihood of passing thresholds in Earth systems that could trigger tipping points or other high impact climate surprises. These surprises are difficult to predict, can occur abruptly, and, in some cases, would be irreversible.”

The Chapter then goes into a discussion of Climate Models beginning with:

“Climate models are numerical simulations of the Earth system, including the atmosphere, ocean, land, freshwater systems, and sea ice, and the coupling among these components. These models are based on the underlying physics that govern these systems and evolved from numerical weather prediction models, first developed in the 1960s (e.g., Manabe and Wetherald, 1967). Aided by improvements in their process representation, as well as improvements in supercomputers, these models have increased in complexity. These models are now often referred to as “Earth System Models” and can incorporate many additional components and processes, including terrestrial and marine ecosystems, atmospheric chemistry, land ice, and glacial dynamics.”

The section on Climate Models discusses updates in the models and ends with:

“The availability of longer observational time series since EPA (2009) has also allowed for improved validation of model-simulated trends in the historical record and improved understanding of model successes and challenges that are still present (Simpson et al., 2025). The models have allowed the detection of a “fingerprint” of human influence (see Section 2.4) across many observed changes in the Earth system (Eyring et al., 2021), including the vertical (Santer et al., 1996) and regional (Hegerl et al., 1996) structure of temperature changes, seasonal cycle changes for tropospheric (Santer et al., 2022) and sea surface (Shi et al., 2024) temperatures, and daily precipitation variability (Ham et al., 2023), among others. [Boldface added]

While models are not perfect, they are useful and skillful tools for attribution of anthropogenic signals in the changing climate and understanding of future climate changes in response to GHG emissions. All climate models consistently project continued warming in response to future GHG increases, regardless of climate sensitivity level or future emission scenario. Notably, they are just one line of evidence of human influence on historical climate change. When combined with observational evidence, paleoclimate information, and theoretical understanding, it is unequivocal that many climate changes underway can be attributed in large part to rising GHG emissions from human activity. This evidence also indicates that every additional quantity of emissions will strengthen, and in some cases accelerate, those changes for the future.”

Here the Consensus Report shows its complete bias. The distinct human fingerprint (Sander et al., 1996) has not been found through satellite and weather balloon observations. [Reference Douglass, Singer] Further, satellite data from three independent groups and systematic weather balloon data contradict, discredit, the ability of global climate models to currently forecast the changing atmospheric temperature data. For more than 30 years the models have consistently overestimated the atmospheric temperatures where the greenhouse effect occurs. Thus, climate models are completely unsuitable for making any predictions about future climate. [Reference

Christy, CWG] The Consensus Report makes no mention of satellite measurements of atmospheric temperature trends, the only true global temperature trends existing.

The Consensus Report ignores 50 years of Landsat satellite observations showing a greening of the Earth with increasing atmospheric carbon dioxide. Plant life is flourishing. The Consensus Report also ignores thousands of agricultural studies showing almost all crops perform better in an atmosphere richer in CO₂. Hothouse nurseries generally double or even triple the ambient CO₂ to foster plant growth. [Add references]

Further, the databases used for the climate models contain no periods of cooling. Yet we are in the Holocene Epoch, a brief 10-to-15,000-year warm period of the Quaternary Period which features Ice Ages with glaciers dominating the climate. These Ice Ages feature the bread baskets of the world, including the Midwest of the US becoming cold, barren, and dusty, unsuitable for agriculture. [Reference Stratigraphy.org] Moreover, the “pre-industrial” reference temperature is in the 1700-1850 period, which is the lowest temperature in thousands of years.

The Consensus Report of the National Academies is completely biased and based on inappropriate models that cannot forecast future climate change and should not be used for forecasting. The Consensus Report should not enter into EPA’s evaluation of the Endangerment Finding.

See link under Defending the Orthodoxy.

Discrepancy between models and observations using Atomic, Molecular, and Optical (AMO) physics including Molecular Spectroscopy. By the mid-1800s many scientists asked: why is Earth warm enough to support life, given its distance from the Sun? There was considerable speculation about the reason. In 1859, the Irish physicist John Tyndall began experimenting with early spectroscopy instruments, tools that analyze the interaction between matter and electromagnetic radiation (light). In 1861, The Royal Society published Tyndall’s initial report that certain atmospheric gases are transparent to sunlight but interfere with infrared energy, the invisible electromagnetic heat energy emitted by the surface of Earth. [add Reference]

By 1863 Tyndall realized that the dominant gas is water vapor and carbon dioxide is secondary. [Add reference] To Tyndall the effects of water vapor kept England from freezing every night, preventing vegetation. Around 1900, commentators gave the name “greenhouse gases” to those gases that interfere with the transmission of infrared energy from the surface of Earth to space. Unfortunately, many researchers have been confused by speculation about Tyndall’s findings and ignored the continuing work of refining them.

The field of physics crucial to understanding how greenhouse gases work is Atomic, Molecular and Optical (AMO) physics. Interestingly, no academic programs in Climatology contain courses in AMO physics or branches such a Molecular Spectroscopy or Radiation Transfer. The US has been launching satellites carrying spectroscopic instruments since Nimbus was launched in 1970. The instruments can measure the infrared radiation (IR) going into space at the top of the

atmosphere. Unlike the smooth Planckian blackbody emitted by the surface, the IR emitted to space is a jagged spectrum owing to the interaction of IR with the greenhouse gases.

Determining the difference between the two spectra involves a complex calculation but it can be made. It is a calculation of the greenhouse effect, but since there is no adequate theory for cloudiness, the calculations can only be made for clear skies. The only IPCC report that ever showed a spectrum is first one, in 1990. It made the calculations incorrectly and was ignorant of the Nimbus data gathered 20 years earlier.

The graph of the infrared spectrum measured by the Nimbus satellite flying over Guam in 1970 contained a theoretical spectrum calculated from then-available molecular spectroscopy data. The agreement was very good, save that the theorists did not consider ozone (O₃). IPCC's First Assessment Report in 1990 made no mention of the experiment that had been performed twenty years earlier. Now, we have better data in the High-Resolution Transmission molecular absorption database (HITRAN) [add Reference] made available by numerous high-precision laboratory experiments. Measurements of the spectra of IR escaping to space agree with calculations of said spectra calculated from molecular spectroscopy under clear-sky conditions, from the equator to the poles.

AMO physicists William van Wijngaarden, professor at York University and William Happer, emeritus professor at Princeton, have used HITRAN data to improve upon the Nimbus calculations in several ways, starting with better precision. Whereas the Guam calculation was tailor-made for the site, the new calculations consider each of the five important greenhouse gases at various concentrations from zero to twice our current concentration, and a range of latitudes from the equator to the poles to get a complete picture. Their calculations show very good agreement with data taken by satellite.

These are the only calculations of the greenhouse effect based on strong physical evidence that we have. Only one of van Wijngaarden and Happer's papers has been published in a journal. The rest are available to the public on the internet. The papers have been reviewed and verified by members of SEPP with appropriate credentials [add References].

These papers recognize that the warming effects of water vapor and carbon dioxide are saturated, meaning that additional amounts of these greenhouse gases have trivial effect on the heat balance. For example, the first 50 ppm of CO₂ contributes over 20 watts per square meter, but doubling CO₂ from 400 to 800 ppm adds only 3 watts per square meter. As units of that gas are increased the effectiveness of additional units of the gas is reduced. This is similar to the economic concept of diminishing returns.

Further, the spectra of nitrous oxide (from artificial fertilizer) and methane largely overlap each other and are overlapped by the dominant greenhouse gas, water vapor. Nitrous oxide and methane have no significant role in increasing the greenhouse effect.

If the EPA evaluates whether anthropogenic emissions of greenhouse gases to the atmosphere are reasonably anticipated to endanger public health and welfare in the United States it needs to correctly estimate the actual influence of greenhouse gases on temperatures and the effect of

increasing these gases. To do this it needs to consider the papers by William van Wijngaarden and William Happer on Radiation Transfer.

The greenhouse effect inherently involves the full gamut of molecular collisions, molecular spectroscopy, and the effects on them of temperature and pressure variations. A change in greenhouse gas concentrations can only affect the heat balance of Earth only by altering the spectrum of infrared radiation that goes to space. Why are slightly warmer nights and a longer growing season harmful to human health? Please evaluate claims about the greenhouse effect appropriately.

See links under: Challenging the Orthodoxy – Radiation Transfer

Endangerment Finding, Other Comments: Several other groups have submitted comments on the EPA's Endangerment Finding including a comment by three medical doctors representing the CO2 Coalition; James Wallace with attorneys Harry MacDougald and Francis Menton; and the staff of the Government Accountability & Oversight group. The conclusions of the three medical doctors with the CO2 Coalition are [references omitted here]:

“Warmth is good for human health and prosperity. Fossil fuels have played a vital role in providing the wealth essential for health and environmental protection. They have also boosted atmospheric CO2 and added a little warmth, both being hitherto beneficial overall for plants and people. The ingenuity of Homo sapiens at adapting to climate has permitted people to populate almost the entire globe from the freezing Arctic to the steamy tropics. If we stick to doing what we do best – adaption – we will continue to thrive. We must be prepared not only for global warming, but also for global cooling, which will surely occur as our present warm Holocene draws to its inevitable end.

Human health and that of the planet depend on balancing productivity and development with conservation and environmental protection. Only developed countries with people out of poverty can afford to produce clean energy, protect the environment, put power lines underground, construct buildings with 5-star energy ratings, and use efficient lighting/appliances to minimize energy and water use, provide adequate safe water supplies and effective public health measures to control communicable diseases. It is vital that governments focus on real pollutants, not imagined ones, and that they avoid using climate change as a scapegoat for failure to implement sound public health policies and proven preventive measures. Misguided climate action can be worse than unmitigated climate change.

Urban design can be improved to reduce urban heat, and to encourage health-promoting walking and cycling. Smoggy cities could also encourage a switch to electric vehicles, but not with generous taxpayer-funded subsidies. Energy costs need to be kept as low as possible, especially in cold climates, so that poor people can afford to keep warm in winter. Fossil fuels, including coal, will continue to have an important role to play in advancing civilization and human health over the 21st century. Our focus should be on conservation and health-promoting activities rather than on CO2 and climate change. Unmitigated warming this century is likely to be more beneficial than harmful for humanity and the planet.

The 2014 IPCC Summary for Policymakers nicely summed it up: ‘The most effective vulnerability reduction measures for health in the near term are programs that implement and improve basic public health measures such as provision of clean water and sanitation, secure essential health care including vaccination and child health services, increase capacity for disaster preparedness and response, and alleviate poverty (very high confidence).’”

See links under Challenging the Orthodoxy

Number of the Week: 1.2 deg. F over 40 years. (0.67°C) On his Blog Roy Spencer writes:

“The total warming of the hottest 3 days in each summer month averaged across 400 mostly-airport weather stations is only 1.2 deg. F over 40 years.”

My main takeaway is that contrary to what we have been told, there has been very little warming of the hottest summer days averaged across the U.S. in the last 40 years. The second takeaway is that nighttime (Tmin) temperatures are warming rapidly with urbanization, but when those statistics are extrapolated to no growth in urbanization, the average Tmin warming trend is greatly reduced, especially for rapidly growing locations.

See link under Measurement Issues -- Surface

NEWS YOU CAN USE:

Commentary: Is the Sun Rising?

Dr. Henrik Svensmark: Sun and Cosmic Rays Drive Climate, Not CO₂

Danish astrophysicist Dr. Henrik Svensmark has long challenged the climate crisis narrative and has even faced “Nazi” slurs for not agreeing with the current CO₂ climate dogma.

By Hannes Sarv, Freedom Research, Sep 17, 2025 [H/t Bernie Kepshire]

<https://www.freedom-research.org/p/dr-henrik-svensmark-sun-and-cosmic>

Suppressing Scientific Inquiry

‘Shut out’: Journal fires editor after publishing research refuting ‘warming climate’

By Gabriel Zylstra, Hillsdale College, The College Fix, Sep 17, 2025 [H/t S.J. Cvrk]]

<https://www.thecollegefix.com/shut-out-journal-fires-editor-after-publishing-research-refuting-warming-climate/>

Link to offending paper: **Carbon dioxide and a warming climate are not problems**

By Andy May and Marcel Crok, The American Journal of Economics and Sociology, May 29, 2024

<https://onlinelibrary.wiley.com/doi/10.1111/ajes.12579>

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

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

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>

Challenging the Orthodoxy

CO2 Coalition Comment #1 on EPA Endangerment Finding

By Dr. D. Weston Allen, Dr. Jan Breslow, and Dr. Daniel Nebert, CO2 Coalition, Sep 19, 2025

<https://co2coalition.org/publications/co2-coalition-comment-on-epa-endangerment-finding/>

Full Document: <https://co2coalition.org/wp-content/uploads/2025/09/Climate-Change-and-Health-CO2-Coalition-1.pdf>

Comment Filed In Support Of EPA's Repeal Of The 2009 Endangerment Finding

By Francis Menton, Manhattan Contrarian, Sep 17, 2025

<https://www.manhattancontrarian.com/blog/2025-9-17-comment-filed-in-support-of-epas-repeal-of-the-2009-endangerment-finding>

Link to: **Comment on EPA's Repeal of Its 2009 Greenhouse Gas Endangerment Finding**

By James P. Wallace III, Harry W. MacDougald, and Francis Menton, Accessed Sep 19, 2025

<https://thsresearch.wordpress.com/wp-content/uploads/2025/09/comment-on-epa-repeal-of-its-2009-ghg-ef.pdf>

GAO submits Comments on EPA Reconsideration of 2009 “Endangerment Finding”

By Staff, Government Accountability & Oversight, Sep 19, 2025

<https://govoversight.org/gao-submits-comments-on-epa-reconsideration-of-2009-endangerment-finding/>

Crisis or hoax?, a new book by former Dutch parliamentarian

By Marcel Crok, Via Anthony Watts, WUWT, Sep 18, 2025

<https://wattsupwiththat.com/2025/09/18/crisis-or-hoax-a-new-book-by-former-dutch-parliamentarian/>

In short: Crisis or Hoax? is a much-needed invitation to rethink climate science, media narratives and political agendas. It provides a wealth of peer reviewed sources and offers practical recommendations for scientists, media and policymakers alike.

Short Summary of Observations Until August 2025

By Ole Humlum, Climate4you, Accessed Sep 19, 2025

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

Defending the Orthodoxy

Effects of Human-Caused Greenhouse Gas Emissions on U.S. Climate, Health, and Welfare

Consensus Study Report, National Academies of Sciences, Engineering, Medicine, 2025

<https://nap.nationalacademies.org/catalog/29239/effects-of-human-caused-greenhouse-gas-emissions-on-us-climate-health-and-welfare>

Defending the Orthodoxy – Bandwagon Science

WMO: 2024 Was Dry and Hot With Lots of Rain

By Eric Worrall, WUWT, Sep 19, 2025

<https://wattsupwiththat.com/2025/09/19/wmo-2024-was-dry-and-hot-with-lots-of-rain/>

Link to: **From drought to deluge: WMO report highlights increasingly erratic water cycle**

Press Release, World Meteorological Organization, Sep 18, 2025

<https://wmo.int/news/media-centre/from-drought-deluge-wmo-report-highlights-increasingly-erratic-water-cycle>

Link to report: **State of Global Water Resources report 2024**

By Staff, World Meteorological Organization, 2025

<https://library.wmo.int/records/item/69629-state-of-global-water-resources-report-2024>

Systematic attribution of heatwaves to the emissions of carbon majors

By Paul Homewood, Not a Lot of People Know That, Sep 13, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/13/systematic-attribution-of-heatwaves-to-the-emissions-of-carbon-majors/>

Link to paper: **Systematic attribution of heatwaves to the emissions of carbon majors**

By Yann Quilcaille, et al., Nature, Sep 10, 2025

<https://www.nature.com/articles/s41586-025-09450-9>

From the abstract: The emissions of the carbon majors contribute to half the increase in heatwave intensity since 1850–1900. Depending on the carbon major, their individual contribution is high enough to enable the occurrence of 16–53 heatwaves that would have been virtually impossible in a preindustrial climate.

Homewood: We've known for years that the weather attribution scam was really intended for legal action against fossil fuel companies.

This new paper makes this explicit now.

As a scientific study, it is a joke. It assumes, for a start, that all of the warming since the Little Ice Age is the result of CO2 emissions. And why don't they also look at the reduced incidence of extremely cold weather?

Another cunning plan fails

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/another-cunning-plan-fails/>

Link to paper: **Systematic attribution of heatwaves to the emissions of carbon majors**

By Yann Quilcaille, et al., Nature, Sep 10, 2025

<https://www.nature.com/articles/s41586-025-09450-9>

Robson: A clickbait pseudoscientific study in *Nature* would have you believe the weather attribution wizards can not only pin specific heatwaves on humanity and its carbon fumes generally, it can indict particular Canadian as well as other energy firms to as many decimal places as your credulity can stand. And then they can be sued into oblivion.

So he presents a quotation directly from WWA's chief scientist, Friederike Otto, that "Unlike every other branch of climate science or science in general, event attribution was actually originally suggested with the courts in mind."

So they're making it up, then hiding it with decimals, saying in an attached spreadsheet that, for instance, Cenovus Energy alone increased the probability of an early 2009 heatwave in "Victoria, New South Wales (South), Tasmania (Northern) provinces" by 1.01% and its intensity by, get this, 0.0003 °C. Four decimal places!

Questioning the Orthodoxy

Attack on DOE Climate Report is a comedy of criticism

By David Wojick, CFACT, Sep 15, 2025

<https://www.cfact.org/2025/09/15/attack-on-doe-climate-report-is-a-comedy-of-criticism/>

Swamp Lawfare Update: Reported Demise of DOE Climate Report Premature

By Ron Clutz, His Blog, Sep 13, 2025

<https://rclutz.com/2025/09/13/swamp-lawfare-update-reported-demise-of-doe-climate-report-premature/>

So much for that dialogue

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/so-much-for-that-dialogue/>

The heatwave that time forgot

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/the-heatwave-that-time-forgot/>

Link to paper: The 2021 heatwave was less rare in Western Canada than previously thought
By Elizaveta Malinina, and Nathan P. Gillett, Weather and Climate Extremes, March 2024

<https://www.sciencedirect.com/science/article/pii/S2212094724000033>

From the abstract: Over this longer period we also find that almost all CMIP6 models underestimate variability in annual maximum temperatures over British Columbia. The return period of the 1941 heatwave was comparable to that of the 2021 event in Alberta and Saskatchewan, though not in Washington or Oregon.

CO2 Alarmism: Science or Superstition?

By Brian C. Joondeph, American Thinker, Sep 15, 2025 [H/t Ron Clutz]

https://www.americanthinker.com/articles/2025/09/co2_alarmism_science_or_superstition.html

Graph of the week – #2 in a series

By Peter Clack, Vai WUWT, Sep 16, 2025

<https://wattsupwiththat.com/2025/09/16/graph-of-the-week-2-in-a-series/>

Tidbits

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/tidbits-125/>

Also, Canada's hapless "Two Billion Tree" program has fallen slightly short, though only by 89 percent, at a cost Blacklock's Reporter reports is a quarter-billion tax dollars and counting. But they're pleased with themselves: "To date over 228 million trees have been planted representing important progress," according to the Department of Natural Resources. Progress toward what?

The myth of managing the biosphere

By Kurt Cobb, Resource Insights, Sep 14, 2025 [H/t Bernie Kepshire]

<https://resourceinsights.blogspot.com/2025/09/the-myth-of-managing-biosphere.html>

Link to: **Is Earth's climate in a state of 'termination shock'?**

Cleaning up air pollution has saved millions of lives, but it has also given us an inadvertent taste of a nightmare climate scenario. The race is on to understand how bad it could be – and how to swerve the worst effects

By Madeleine Cuff, New Scientist, Sep 9, 2025

<https://www.newscientist.com/article/2494279-is-earths-climate-in-a-state-of-termination-shock/>

From New Scientist: Imagine the year is 2050 and the world has devised a way to stop global warming. No, not by doing the hard work of cutting greenhouse gas emissions, but by spraying reflective particles into the stratosphere that dim the sun. The strategy works: temperatures at ground level stabilize, and life goes on as normal despite escalating carbon dioxide concentrations in the atmosphere.

Until suddenly, something goes wrong. The spray guns break down, the money runs out, a pandemic hits or a global war disrupts operations. Whatever the case, the planet starts to heat up,

fast, as years of pent-up emissions kick into effect. Ecosystems can't cope, wildlife perishes en masse, societal chaos ensues.

[SEPP Comment: The New Scientist has no understanding that the greenhouse effect is self-limiting.]

Another Crack Appears In The Global Warming Narrative

By I & I Editorial Board, Sep 9, 2025

<https://issuesinsights.com/2025/09/09/another-crack-appears-in-the-global-warming-narrative/>

Link to paper: **A Global Perspective on Local Sea Level Changes**

By Hessel G. Voortman and Rob De Vos, Journal of Marine Science and Engineering, Aug 27, 2025

<https://www.mdpi.com/2077-1312/13/9/1641>

In The Dark: Coming Soon

By John Robson, 2.5-minute Video Trailer, Sep 3, 2025

<https://climatediscussionnexus.com/videos/in-the-dark-coming-soon/>

Insurance...the surprising hidden driver of energy and life?

By Lars Schernikau, WUWT, Sep 18, 2025

<https://wattsupwiththat.com/2025/09/18/insurance-the-surprising-hidden-driver-of-energy-and-life/>

Energy & Environmental Review: September 15, 2025

By John Droz, Jr., Master Resource, Sep 15, 2025

<https://www.masterresource.org/alliance-for-wise-energy-decisions/energy-environmental-review-september-15-2025/>

After Paris!

The Paris Delusion Collapses: Even the New York Times Admits It

By Anthony Watts, WUWT, Sep 19, 2025

<https://wattsupwiththat.com/2025/09/19/the-paris-delusion-collapses-even-the-new-york-times-admits-it/>

Meanwhile, China has quietly seized dominance of the green supply chain, producing 74 percent of global solar and wind projects and exporting panels so cheaply that they are flooding markets from Pakistan to sub-Saharan Africa. The West's grandstanding has left it weaker, not stronger. What we are witnessing is the slow-motion collapse of a delusion.

COP30 Accommodation Crisis: UN Pleads with Staff to Trim Delegations

By Eric Worrall, WUWT, Sep 19, 2025

<https://wattsupwiththat.com/2025/09/19/cop30-accomodation-crisis-un-pleads-with-staff-to-trim-delegations/>

Social Benefits of Carbon Dioxide

The effect of additional CO2 on Weeping Lovegrass

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/the-effect-of-additional-co2-on-weeping-lovegrass/>

From the CO2Science archive:

The effect of additional CO2 on Emblic

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/the-effect-of-additional-co2-on-emblic/>

From the CO2Science archive:

Problems in the Orthodoxy

Claim: Chinese Dismiss Climate Issues as Elitist, “Western Values”

By Eric Worrall, WUWT, Sep 18, 2025

<https://wattsupwiththat.com/2025/09/18/claim-chinese-dismiss-climate-issues-as-elitist-western-values/>

The east is imaginary

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/the-east-is-imaginary/>

Seeking a Common Ground

Shocking study exposes widespread math research fraud

Experts warn that this corruption of research undermines trust in science and call for urgent reforms to restore credibility and rigor.

Press Release, German Mathematical Society (DMV), Sep 19, 2025 [H/t Bernie Kepshire]

https://www.sciencedaily.com/releases/2025/09/250918230811.htm#google_vignette

Link to paper: **How to Fight Fraudulent Publishing in the Mathematical Sciences: Joint Recommendations of the IMU and the ICIAM**

By Ilka Agricola, et al., ARXIV.org, Sep 11, 2025

<https://arxiv.org/abs/2509.09877>

The ozone layer is healing! Hole over Antarctica is recovering – and could soon close for good, promising study reveals

READ MORE: Ozone may be weakening Earth's important cooling mechanism

By Shivali Best, Daily Mail, UK, Sep 16, 2025

<https://www.dailymail.co.uk/sciencetech/article-15103093/ozone-layer-healing-Hole-Antarctica-recovering.html>

Science, Policy, and Evidence

Tidbits

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/tidbits-126/>

Oh, and in case you're one of those weirdos who don't consider Ontario the center of the universe, they also say "Late-summer frost advisories stretch over 2,000 km". Weird, huh? And it gets worse: "The dramatic start to Canada's fall weather will give way to mild temperatures in the middle of the season, the Weather Network's seasonal forecast suggests, but not before a

possibly abrupt transition into early winter.” Canada is of course warming faster than average, like everywhere else. It just doesn’t know it.

Let Markets Help Steer America's Energy Diplomacy

By Andrew Browning, Real Clear Energy, Sep 16, 2025

https://www.realclearenergy.org/articles/2025/09/16/let-markets-help-steer-americas-energy-diplomacy_1135217.html

US Interior Secretary: “We gotta win the AI arms race”

By Eric Worrall, WUWT, Sep 14, 2025

<https://wattsupwiththat.com/2025/09/14/us-interior-secretary-we-gotta-win-the-ai-arms-race/>

Measurement Issues -- Surface

The Hottest Summer Days in the U.S. Have Barely Warmed in the Last 40 Years

By Roy Spencer, His Blog, Sep 18, 2025

<https://www.drroyspencer.com/2025/09/the-hottest-summer-days-in-the-u-s-have-barely-warmed-in-the-last-40-years/>

Measurement Issues -- Atmosphere

ML CO2 Follows Temperatures From HadCRUT5

By Ron Clutz, His Blog, Sep 18, 2025

<https://rclutz.com/2025/09/18/ml-co2-follows-temperatures-from-hadcrut5/>

[SEPP Comment: This issue is that the long-term trend of CO2 concentration is above the level recorded during the Eemian, the last interglacial period. ML stands for Mauna Loa.]

Tropics UAH Temps Cooler August 2025

By Ron Clutz, His Blog, Sep 19, 2025

<https://rclutz.com/2025/09/19/tropics-uah-temps-cooler-august-2025/>

Changing Weather

Blazing white stuff

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/blazing-white-stuff/>

This summer it was so hot in Canada that it actually snowed in August. No, wait. It was so... climatey. It hadn't snowed in that spot in August since 2001 but nothing to see here folks. The snow is disappearing except in Canada in August. The story really said so.

Tidbits

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/tidbits-126/>

Oh, and in case you're one of those weirdos who don't consider Ontario the centre of the universe, they also say "Late-summer frost advisories stretch over 2,000 km". Weird, huh? And it gets worse: "The dramatic start to Canada's fall weather will give way to mild temperatures in the middle of the season, the Weather Network's seasonal forecast suggests, but not before a possibly abrupt transition into early winter." Canada is of course warming faster than average, like everywhere else. It just doesn't know it.

Why did the Beach Gulch Fire Explode Yesterday?

By Cliff Mass, Weather Blog, Sep 17, 2025

<https://cliffmass.blogspot.com/2025/09/why-did-beach-gulch-fire-explore.html>

Easterly winds descending the Cascades were warmed by compression and were very dry. Warm air. Dry air. Strong winds. All very favorable for fire.

Where's the fire?

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/wheres-the-fire/>

Changing Seas

No see sea level acceleration

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/no-see-sea-level-acceleration/>

The authors of the study begin by pointing out an enigma in the sea level data, namely that satellites suggest a rate of sea level rise that can't be reconciled with ground-level measurements of ice melting, thermal expansion of sea water, etc. It was first pointed out 20 years ago that the satellites suggest too much sea level rise. Since then, a long list of authors have investigated and claimed to have reconciled the two accounts. But, the authors note:

“Without exception, we found papers attempting to close the budget by increasing the contributors to sea level rise.”

Given the way theory drives data in the climate field, including those infamous “adjustments”, it's not very surprising that no one considered the common-sense explanation that the complex, mediated satellite processed “data” might be inaccurate, and instead everyone looked for problems with the ground-level actual data.

Vital ocean upwelling fails to emerge for the first time on record

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/14/vital-ocean-upwelling-fails-to-emerge-for-the-first-time-on-record/>

You might have thought climate scientists would understand the difference between CLIMATE and WEATHER!

Just because this is the first time this has happened in 40 years does not mean it has not happened many times in the past.

Lowering Standards

Nearly All Daily UK High Temperatures Are Set At Junk Weather Stations

By Paul Homewood, Not a Lot of People Know That, Sep 13, 2025

<https://notalotofpeopleknowthat.wordpress.com/2025/09/13/nearly-all-daily-uk-high-temperatures-are-set-at-junk-weather-stations/>

Hottest never, what?

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/hottest-never-what/>

Just believe the Met Office and their fake data. Not just misinterpreted, **though also not part of a conspiracy. Just the result of zealots so sure it must be going to happen that they structured their weather station network so it would report it regardless.** Yes, much of it is measured in cities and indeed at airports. But the big issue is that they are reporting data from over 100 weather stations that quite literally do not exist. They are making it up. And it says what they want. [Boldface added]

[SEPP Comment: As the late Richard Courtney said: A convergence of like-minded interests is more powerful than a conspiracy.]

Met Office Up To Their Tricks Again

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/17/met-office-up-to-their-tricks-again/>

As Ray writes, “*the obvious question is, why within a site extending to over 10,000 acres could the Met Office not find a Class 1 location? Well almost certainly because they probably did not want to.*”

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

Realtor.com and Yahoo News Are Wrong: Insurance Is Not Rising Due to Climate Change

By Linnea Lueken, Climate Realism, Sep 17, 2025

<https://climaterealism.com/2025/09/realtor-com-and-yahoo-news-are-wrong-insurance-is-not-rising-due-to-climate-change/>

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

#HaveItBothWays: Indian rice yields

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/haveitbothways-indian-rice-yields/>

But in 2010 a study appeared arguing that increases in daily maximum temperatures in India didn't appear to hurt rice crops, but increases in the daily minimum temperatures would. Because whatever. And the combined effect was... drum roll please... worse than we thought:

It seems that even though in climate modeling you can have it both ways, sometimes the data don't cooperate.

#HaveItBothWays: Global malaria and climate change

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/haveitbothways-global-malaria-and-climate-change/>

Communicating Better to the Public – Make things up.

Attribution and Misattribution

By Willis Eschenbach, WUWT, Sep 13, 2025

<https://wattsupwiththat.com/2025/09/13/attribution-and-misattribution/>

Before finalizing any answer, perform a self-check: If any part of the answer cannot be directly traced to a primary source or contains any degree of inference, explicitly flag this and refrain from presenting it as fact.

CCC Cling To Fake BEIS Costings To Justify Their Own Fake Carbon Budget.

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/14/ccc-cling-to-fake-beis-costings-to-justify-their-own-fake-carbon-budget/>

Which all goes to show that you can make up pretty much whatever numbers you want! BEIS [UK Department for Business, Energy & Industrial Strategy] quite deliberately understated costs. In turn this has allowed successive Ministers and the CCC to gaslight the public and claim that renewables are cheaper than gas power.

The bottom line, of course, is that if the CCC's costings really are correct, why is Ed Miliband offering to pay wind farms twice that cost, which already includes their profit margin?

Communicating Better to the Public – Do a Poll?

Yale: USA Still Deeply Divided on Climate Change

By Eric Worrall, WUWT, Sep 19, 2025

<https://wattsupwiththat.com/2025/09/19/yale-usa-still-deeply-divided-on-climate-change/>

Communicating Better to the Public – Use Propaganda

Green with envy

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/green-with-envy/>

In prose worthy of Radio Moscow in its prime, an August 26 fundraiser from the Guardian declares fossil fuels are a capitalist plot: “Why does capital love fossil fuels? It’s not hard to explain. They exist in a small number of discrete locations, where the right to exploit them can be owned and monopolized.”

Experts say shut up

By John Robson, Climate Discussion Nexus, Sep 10, 2025

<https://climatediscussionnexus.com/2025/09/10/experts-say-shut-up/>

And yet Bloomberg warns us against those wretched trees on climate grounds including this passage:

“Researchers have found that leafy canopies may have unintended consequences, especially when they cover places where surfaces do a good job at reflecting sunlight back into space – think snow, bright soils and grasslands. Trees in these locations can lower the so-called albedo effect, or the reflectivity of the Earth, and possibly even outweigh the cooling benefits of the carbon storage they provide, according to a study published in Nature, a peer-reviewed journal.”

Whose peer reviewers appear to be climate zealots not impartial gatekeepers. One of the study authors, by the way, is William Anderegg, a pivotal figure in the 97% consensus myth who has a long-standing thing about trees. But see experts say so shut up.

Communicating Better to the Public – Use Propaganda on Children

Aussie Climate Activists are Still Brutalizing the Kids

By Eric Worrall, WUWT, Sep 17, 2025

<https://wattsupwiththat.com/2025/09/17/aussie-climate-activists-are-still-brutalising-the-kids/>

Communicating Better to the Public – Protest

At The Columbia Academic Freedom Council Conference

By Francis Menton, Manhattan Contrarian, Sep 15, 2025

<https://www.manhattancontrarian.com/blog/2025-9-15-at-the-columbia-academic-freedom-council-conference>

So it's just a small sample of how you get treated in academia if you have the temerity to speak out publicly in opposition to the dominant progressive/woke groupthink. It's little wonder that few have the courage to do it. But this was a very impressive group.

Questioning Green Elsewhere

Blockbuster: Billions on wind, solar, batteries, has only cut Australian emissions 4% in 20 years (trees did the other 24%!)

By Jo Nova, Her Blog, Sep 19, 2025

<https://joannenova.com.au/2025/09/blockbuster-billions-on-wind-solar-batteries-has-only-cut-australian-emissions-4-in-20-years-trees-did-the-other-24/>

Link to report: **Australia's greenhouse gas emissions: December 2024 quarterly update**

By Department of Climate Change, Energy, the Environment and Water, Australian Government, May 30, 2025

<https://www.dceew.gov.au/about/news/national-greenhouse-gas-inventory-quarterly-update-december-2024>

The world is backing away from Net Zero — even the EU delays setting a new target

By Jo Nova, Her Blog, Sep 18, 2025

<https://joannenova.com.au/2025/09/the-world-is-backing-away-from-net-zero-even-the-eu-delays-setting-a-new-target/>

With impeccable timing, just as Australia announces a new more impossible target, Germany and France are squabbling over the EU target, and the EU will now miss the UN deadline.

Green Jobs

~~Food~~ Ford Germany Axe 1000 Jobs Due To Low Demand For EVs

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/19/food-germany-axe-1000-jobs-due-to-low-demand-for-evs/>

“The German-based plant, which was once used to build the best-selling Ford Fiesta before it was discontinued, was given a \$1 billion revamp in 2023 to make it Ford's Electric Vehicle Centre.”

Funding Issues

The pause that does not refresh

By John Robson, Climate Discussion Nexus, Sep 17, 2025

<https://climatediscussionnexus.com/2025/09/17/the-pause-that-does-not-refresh/>

The odd thing is that in this a lifetime in public policy, in [now Canadian PM] Carney's case including central banking, he seems to have given astoundingly little thought to economics. For instance, in Europe recently Carney said:

“Our government is in the process of releasing half a trillion dollars of investment in energy infrastructure, port infrastructure”.

Releasing. As if the state had this vast sum in its hands and for some reason wasn't letting it romp until now. But what they're really doing is trying to borrow a fortune and blow it on

speculative projects including an LNG export facility in Churchill, Manitoba, on the shores of Hudson Bay which is ice-bound eight months of the year.

Why do big oil companies invest in green energy?

By Michael Oxman, Professor of the Practice of Sustainable Business, Georgia Institute of Technology The Conversation, Sep 17, 2025 [H/t Bernie Kepshire]

https://theconversation.com/why-do-big-oil-companies-invest-in-green-energy-260855?utm_medium=email&utm_campaign=Daily%20Newsletter%20%20September%2017%202025%20-

[%203520035869&utm_content=Daily%20Newsletter%20%20September%2017%202025%20-%203520035869+CID_9da04684435ac8d896bbdf2dcb1bf713&utm_source=campaign_monitor_us&utm_term=Why%20do%20big%20oil%20companies%20invest%20in%20green%20energy](https://theconversation.com/why-do-big-oil-companies-invest-in-green-energy-260855?utm_content=Daily%20Newsletter%20%20September%2017%202025%20-%203520035869+CID_9da04684435ac8d896bbdf2dcb1bf713&utm_source=campaign_monitor_us&utm_term=Why%20do%20big%20oil%20companies%20invest%20in%20green%20energy)
[SEPP Comment: In the US, that's where the tax credits are. For Saudi Arabia in the sunshine desert it makes for part-time electricity.]

The Political Games Continue

Hilarious 'In your face' response to Sen. Sheldon Whitehouse by the Heartland Institute.

By Anthony Watts, WUWT, Sep 19, 2025

<https://wattsupwiththat.com/2025/09/19/hilarious-in-your-face-response-to-sen-sheldon-whitehouse-by-the-heartland-institute/>

Litigation Issues

Texas' Big Lawsuit Dwells in Conspiracy Theory

By Rick Boucher, Real Clear Energy, Sep 17, 2025

https://www.realclearenergy.org/articles/2025/09/17/texas_big_lawsuit_dwells_in_conspiracy_theory_1135474.html

As a longtime representative of a coal producing region and friend of the coal industry, I regretted that the Attorney General of Texas, joined by 10 other state AGs, initiated a clumsy conspiracy theory laden attempt to help the industry that because of its absence of evidentiary support is counterproductive.

Nature Study Rigged to Shakedown Big and Little Oil

By John Robson, Climate Discussion Nexus, Via Ron Clutz, His Blog, Sep 14, 2025

<https://rclutz.com/2025/09/14/nature-study-rigged-to-shakedown-big-and-little-oil/>

15-Minute video by Robson, Text and images by Clutz

'A better future is possible': Youths sue Trump over climate change

By Issam Ahmed, Missoula, United States (AFP) Sept 16, 2025

https://www.energy-daily.com/reports/A_better_future_is_possible_Youths_sue_Trump_over_climate_change_999.html

Our Children's Trust Launches a Youth Climate Lawsuit

By Eric Worrall, WUWT, Sep 17, 2025

<https://wattsupwiththat.com/2025/09/17/our-childrens-trust-launches-a-youth-climate-lawsuit/>

Here Comes The Judge

By John Robson, Climate Discussion Nexus, Sep 1, 2025

<https://climatediscussionnexus.com/videos/here-comes-the-judge/>

15-minute video on the non-binding decision by the UN International Court of Justice

EPA and other Regulators on the March

Trump Admin Moves To Blow Up ‘Costly’ Enviro Program Obama Rolled Out

By Audrey Streb, Daily Caller, Sep 12, 2025

<https://dailycaller.com/2025/09/12/trump-admin-moves-to-blow-up-costly-enviro-program-obama-rolled-out/>

Energy Issues – Non-US

Germany Faces Challenging Winter Of Power Outages As Energy Supply Struggles

By P Gosselin, No Tricks Zone, Sep 17, 2025

<https://notrickszone.com/2025/09/17/germany-faces-challenging-winter-of-power-outages-as-energy-supply-struggles/>

How Ed Miliband cost Britain one billion barrels of North Sea oil

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/15/how-ed-miliband-cost-britain-one-billion-barrels-of-north-sea-oil/>

“For Ed Miliband, it’s a truly awkward moment.

His own statisticians have released data showing that Britain’s North Sea will produce a billion barrels of oil and gas fewer than expected between now and 2050 – with analysts linking the downgrade to Labour’s imposition of 78pc taxes and a ban on new drilling.”

SDP’s Radical Energy Policy

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/16/sdps-radical-energy-policy/>

“A prolonged winter blackout is no joke: it could kill thousands, and even more if we fail to restore power promptly. So, our energy crisis can be considered a national emergency that requires bold policy solutions, not technocratic twiddling which is so in fashion in policy circles today.

Last week one such proposal emerged from a most unlikely source: the Social Democratic Party (SDP).”

Net zero costs ‘will add £100 to household energy bills from April’

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/19/net-zero-costs-will-add-100-to-household-energy-bills-from-april/>

How the West Snookered Itself in Energy Geopolitics

From Tilak’s Substack, via WUWT, Sep 17, 2025

<https://wattsupwiththat.com/2025/09/17/how-the-west-snookered-itself-in-energy-geopolitics/>

Energy Issues – Australia

Minister Bowen says costs of inaction absolutely, definitely higher even though we don't know the cost of doing something

By Jo Nova, Her Blog, Sep 16, 2025

<https://joannenova.com.au/2025/09/minister-bowen-says-costs-of-inaction-absolutely-definitely-higher-even-though-we-dont-know-the-cost-of-doing-something/>

Link to report: **Australia's first National Climate Risk Assessment**

By Staff, Australian Climate Service, 2025

<file:///C:/Users/Owner/Downloads/australias-national-climate-risk-assessment-report-2025.pdf>

Nova: We know it's not science because everything is 100% bad. It's the purity that gives it away. In the real world, there are always trade-offs.

Backlash against Aussie \$22.9m Climate Doomsday Report: "Complete Waste of Money"

By Eric Worrall, WUWT, Sep 16, 2025

<https://wattsupwiththat.com/2025/09/16/backlash-against-aussie-22-9m-climate-doomsday-report-complete-waste-of-money/>

Link to Report: **Australia's National Climate Risk Assessment**

By Australian Climate Service, Australian Government, 2025

[file:///C:/Users/Owner/Downloads/australias-national-climate-risk-assessment-report-2025%20\(1\).pdf](file:///C:/Users/Owner/Downloads/australias-national-climate-risk-assessment-report-2025%20(1).pdf)

The report cost \$22.9 million for 284 pages, or just over \$80,600 / page. Nice work if you can get it.

Australia Must Double Solar, 20x More EVs and Replace Coal with Renewables Without Raising Energy Costs

By Eric Worrall, WUWT, Sep 18, 2025

<https://wattsupwiththat.com/2025/09/18/australia-must-double-solar-20x-more-evs-and-replace-coal-with-renewables-without-raising-energy-costs/>

The cost will be between A \$500 billion to \$1.5 trillion, but the government assures us there will be no impact on energy prices.

A Fun Fact to wreck a nation Mr Prime Minister?

By Jo Nova, Her Blog, Sep 19, 2025

<https://joannenova.com.au/2025/09/a-fun-fact-to-wreck-a-nation-mr-prime-minister/>

Aussie Government Publishes Climate Apocalypse Report And Approves a Gas Lease Extension in the Same Week

By Eric Worrall, WUWT, Sep 15, 2025

<https://wattsupwiththat.com/2025/09/15/aussie-government-publishes-climate-apocalypse-report-and-approves-a-gas-lease-extension-in-the-same-week/>

Australian Opposition tearing itself apart over Net Zero again — Andrew Hastie is brave enough to lead "an exodus"

By Jo Nova, Her Blog, Sep 17, 2025

<https://joannenova.com.au/2025/09/australian-opposition-tearing-itself-apart-over-net-zero-again-andrew-hastie-is-brave-enough-to-lead-an-exodus/>

Energy Issues -- US

Affordable, Reliable Energy Is at Risk as the Battle Moves to the States

By Gary Abernathy, WUWT, Sep 14, 2025

<https://wattsupwiththat.com/2025/09/14/affordable-reliable-energy-is-at-risk-as-the-battle-moves-to-the-states/>

AI Runs on Power. But Power Isn't Moving Fast Enough.

By Christian Bonilla, Real Clear Energy, Sep 17, 2025

https://www.realclearenergy.org/articles/2025/09/17/ai_runs_on_power_but_power_isnt_moving_fast_enough_1135472.html

Instead, we need to build new data centers next to existing energy deposits -- such as natural gas fields in places like West Texas, Oklahoma, North Dakota, and elsewhere -- so that power-hungry data centers can build on-site generating plants and obtain the electricity they need, without having to connect to the broader grid.

The AI Energy Crunch: Can Gas Peaker Conversion Provide the Answer?

By Shon Hiatt, Real Clear Energy, Sep 12, 2025

https://www.realclearenergy.org/articles/2025/09/12/the_ai_energy_crunch_can_gas_peaker_conversion_provide_the_answer_1134289.html

A Funny Thing Happened on the Way to Reducing Carbon Dioxide Emissions

By David Middleton, WUWT, Sep 18, 2025

<https://wattsupwiththat.com/2025/09/18/a-funny-thing-happened-on-the-way-to-reducing-carbon-dioxide-emissions/>

Per capita energy-related CO2 emissions decreased in every state between 2005 and 2023 [SEPP Comment: *The decrease in California is well below the U.S. average.*]

Alternative, Green ("Clean") Solar and Wind

National Clean Energy Week: Re-education Please

By Robert Bradley Jr., Master Resource, Sep 16, 2025

<https://www.masterresource.org/green-energy-pr/cancel-national-clean-energy-week/>

The 'Renewables' Movement Is Making Itself Wholly Unappealing

By Gary Abernathy, Real Clear Energy, Sep 15, 2025

https://www.realclearenergy.org/articles/2025/09/15/the_renewables_movement_is_making_itself_wholly_unappealing_1134997.html

National Clean Energy Week Comes at a Pivotal Time for American Prosperity

By Heather Reams, Real Clear Energy, Sep 16, 2025

https://www.realclearenergy.org/articles/2025/09/16/national_clean_energy_week_comes_at_a_pivotal_time_for_american_prosperity_1135203.html

The clean energy economy is booming, and for the ninth year in a row, the country is coming together to celebrate National Clean Energy Week (NCEW).

Together, Sens. John Curtis (R-Utah) and Lisa Murkowski (R-Alaska) and Reps. Andrew Garbarino (R-N.Y.) and Jen Kiggans (R-Va.) have been staunch allies on Capitol Hill.

[SEPP Comment: *Why are subsidies needed?*]

Alternative, Green (“Clean”) Vehicles

Britain to build £500m port to cope with flood of cheap Chinese cars

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/17/britain-to-build-500m-port-to-cope-with-flood-of-cheap-chinese-cars/>

California Dreaming

Newsom signs slate of climate, energy bills in California

By Ashleigh Fields, The Hill, Sep 19, 2025

<https://thehill.com/policy/energy-environment/5512900-california-climate-bills-signed/>

The measures signed into law include legislation to increase climate credits on utility bills, expand regional power markets out West, add \$18 billion to the California Wildfire Fund and **allocate \$1 billion annually to a high-speed rail project.** [Boldface added]

[SEPP Comment: The 119-mile segment under construction is Merced (pop. 96,000) to Bakersfield (pop 417,500) with a current estimated cost of over \$36 Billion and estimated completion date of 2032.]

BELOW THE BOTTOM LINE

“World Leaders” Gather To Discuss Renewables!

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/17/world-leaders-gather-to-discuss-renewables/>

This really does show just how far down the world’s agenda Net Zero and decarbonisation have fallen.

When the only world leaders you can get are the President of Kenya and the Prime Minister of the Bahamas, you know you are in big trouble!

China's clean air could have caused the acceleration in global warming

By Harriet Marsden, The Week, UK, Sep 14, 2025 [H/t Bernie Kepshire]

<https://www.yahoo.com/news/articles/chinas-clean-air-could-caused-012132133.html?guccounter=1>

Funerals should comply with net zero, says Labour

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/14/funerals-should-comply-with-net-zero-says-labour/>

Hypocrite Khan

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

<https://notalotofpeopleknowthat.wordpress.com/2025/09/15/hypocrite-khan/>

[Mayor of London] *“Sadiq Khan racks up enough air miles to fly to the moon and back.”*

Solar Books to Skip

By Robert Bradley Jr., Master Resource, Sep 19, 2025

<https://www.masterresource.org/solar-power-history/solar-books-to-not-read/>

ARTICLES

1. California's Great Climate Backfire

Sacramento Democrats allow dirtier air to avoid gasoline price spikes.

By The Editorial Board, WSJ, Sept. 19, 2025

https://www.wsj.com/opinion/california-democrats-oil-gas-prices-climate-co2-emissions-smog-e0ed4e4f?mod=hp_opin_pos_4

TWTW Summary: The editorial begins with:

“California’s war on fossil fuels is backfiring in spectacular fashion, as gasoline prices, imports of foreign oil and CO2 emissions all increase. The response in Sacramento? Allow more oil drilling and dirtier blends of gasoline in the state. Whatever happened to the climate emergency?”

California’s gas prices average \$4.65 a gallon, about \$1.45 more than the national average and nearly two bucks more than in Texas. Looming refinery shutdowns and declining in-state crude production could drive prices even higher.

During the 1980s, most of the oil Californians consumed was produced in the state. But the state’s burdensome climate regulations have reduced drilling. The result: California produced only 23% of the crude its refineries used last year. Almost all of the rest was imported from abroad because the state lacks pipelines to carry crude from oil-producing states.

More imports have increased CO2 emissions and smog-causing pollutants from tankers docking at the state’s ports. Declining production is also making pipelines that carry crude to in-state refineries less economically viable. If pipelines shut down, the state would have to import even more foreign crude.

Looming shutdowns of two large refineries could also mean the state has to import more gasoline. Trouble is that the state lacks the infrastructure to handle more imports. A study this spring by a University of Southern California business school professor projected that gasoline prices could rise to more than \$8 a gallon owing to constricted supply.”

The editorial discusses state political issues then concludes with:

“Ponder this for a moment: California’s headlong rush to eliminate fossil fuels is resulting in more smog and pollution, which, unlike CO2 emissions, damage human health.

Mr. Newsom falsely claims the Trump Administration is ‘making America smoggy again’ by rolling back the Biden electric-vehicle mandate. Look whose policies really are making California’s air dirtier.”
