

The Week That Was: 2026-06-06 (June 6, 2026)
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The Science and Environmental Policy Project

Quote of the Week: *“One thing I have learned in a long life: that all our science, measured against reality, is primitive and childlike — and yet it is the most precious thing we have.”* — Albert Einstein

Number of the Week: Over 42,000 users

THIS WEEK:

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

Scope: This TWTW begins with a discussion of how omissions have resulted in an official underestimate of China’s carbon dioxide emissions. TWTW presents a discussion William van Wijngaarden of the “simple physics” claim made by politicians. TWTW discusses an analysis of the safety of utility-scale and community-scale Battery Energy Storage Systems (BESS). TWTW has a discussion of a new (proposed) heat source and concludes with a different view of the weather predictions around D-Day.

Cooking the Books: Omitting data that contradicts the claim that carbon dioxide is causing dangerous global warming is a common practice with the UN Intergovernmental Panel on Climate Change and its supporters. For example, even though the greenhouse effect occurs in the atmosphere, the IPCC routinely ignores the modest warming of the atmosphere and emphasizes questionable surface temperature increases. Its starting point long coincided with the ending of the Little Ice Age, about 1850. Now, the IPCC extends the starting point back to 1750, deeper in the Little Ice Age (about 1300 to 1850).

Students of history may recall that Ice Fairs or Frost Fairs occurred on the River Thames in 1739-40, 1789, and 1814. George Washington crossed the ice-choked Delaware River in 1776 and spent the cold winter of 1777-1778 in Valley Forge, Pennsylvania. In general, the globe has warmed since then, but it was also warmer during the Medieval Warm Period, about 950 to 1250. The Medieval Warm Period was a period of prosperity and population growth in northern Europe, and the great cathedrals were begun in France. The Little Ice Age was a period of starvation and death in Europe, North America (the great dying of natives even before European settlers), and South America.

Many advocates of dangerous carbon dioxide-caused global warming have praised authoritarian China for addressing the problem by building more wind and solar generation facilities. The advocates largely ignore that China is building vast hydroelectric power facilities and greatly increasing its coal-fired power plants. Instead, they point out that China has vowed to make sizable reductions in its carbon dioxide emission intensity at the IPCC climate conference in Copenhagen in 2009 and Paris in 2015. The definition of “carbon emission intensity” is not clear.

According to Our World in Data, in 2009 China emitted 7.88 billion tonnes of CO₂, the US 5.49; in 2015 China emitted 9.86 billion tonnes of CO₂, the US 5.37; and in 2024 (the last year for which the data is available) China emitted 12.29 billion tonnes of CO₂ and the US 4.90. So, the global warming advocates praise authoritarian China for making false pledges while actually increasing CO₂ emissions and condemn the US for not making false pledges but actually reducing CO₂ emissions. <https://ourworldindata.org/grapher/annual-co2-emissions-per-country>

To its credit, Carbon Brief published an analysis by Lauri Myllyvirta indicating that China is playing games with its definitions of carbon intensity. An article in the Wall Street Journal summarized the situation and the analysis well. It states in part:

“At United Nations climate conferences in Copenhagen in 2009 and Paris in 2015, Beijing vowed sizeable reductions in the amount of carbon China emits per dollar of gross domestic product, or carbon intensity. Subsequent national planning documents reiterated this goal.

Beijing’s statistics have since suggested it would fall far from delivering on this climate promise. And last September the head of China’s Ministry of Ecology and Environment admitted that ‘controlling carbon emission intensity is challenging.’

Yet suddenly in March China reported that it had achieved a 17.7% reduction in carbon intensity between 2020 and 2025—a sliver short of its 18% goal. Earlier official numbers had suggested a reduction of only 12.4% over the same period. Credit Lauri Myllyvirta of the nonprofit Centre for Research on Energy and Clean Air for spotting this discrepancy and sleuthing out its cause.

‘It is clear that there has been a major shift in the way that China measures its carbon intensity, specifically in terms of which types of emissions are included,’ Mr. Myllyvirta writes in a report for the British climate news site Carbon Brief. A footnote in China’s latest statistical communiqué further suggests a redefinition of the metric.

Previously, China factored in all fossil-fuel consumption as it calculated carbon intensity. The new calculus retrospectively cherry-picks which carbon emissions count. One of the bigger howlers is the exclusion of some emissions from chemical production or the manufacture of plastics, both booming industries.

This redefinition ‘effectively halves the rate of growth in China’s CO₂ [carbon dioxide] emissions over the past five years,’ Mr. Myllyvirta says. With the stroke of a pen, Beijing has created a statistical gap more or less equal to the total emissions of South Korea or Germany.

In 2022 President Xi Jinping said carbon goals shouldn’t come at the expense of energy and food security or the ‘normal life’ of Chinese people. Tell that to the climate fanatics in Europe and the U.S., who like to trumpet Beijing’s investments in solar or electric vehicles as evidence that even China is on board with their agenda. Next time they should try a little less trust and a little more verify.”

See Article # 1, for the full analysis and comments see links under Questioning the Orthodoxy.

Simple Physics: Former Vice President Al Gore and former Biden Climate Envoy John Kerry called greenhouse physics “simple physics.” It is not. In his movie “An Inconvenient Truth” Al Gore states that Antarctic ice cores prove that carbon dioxide causes warming. Yet the ice cores demonstrate that changes in temperatures occur first followed by changes in carbon dioxide centuries later. Thus, if ice cores demonstrate causation it is that changes in temperatures cause changes in carbon dioxide, not the reverse as Gore claims. The most plausible explanation for changes in carbon dioxide is that oceans hold far more carbon dioxide than the atmosphere and that cold water holds more carbon dioxide than warm water. If the oceans warm they give up carbon dioxide, if they cool they absorb carbon dioxide (from rain which contains carbon dioxide).

In the early 1800s astronomers and other physicists wondered why Earth was warm enough to support life given its distance from the sun? As discussed in previous TWTWs, in 1859 John Tyndall started experiments using instruments that measure spectroscopy – how matter interacts with electromagnetic radiation (light). In 1861, Tyndall published that certain gases are transparent to visible light but interact with infrared radiation (which all non-light emitting bodies in space emit to space to cool). In 1863 Tyndall published that the dominant gas slowing the cooling of Earth was water vapor. Later, others called the gases that slow the cooling of Earth greenhouse gases. They keep Earth warm enough to support life during the night.

William van Wijngaarden and William Happer co-authored a series of papers on the measuring and calculating the greenhouse effect. These papers include “The Role of Greenhouse Gases in Energy Transfer in the Earth’s Atmosphere” and “Dependence of Earth’s Thermal Radiation on Five Most Abundant Greenhouse Gases.” In 2019, before the papers were completed, John Robson interviewed van Wijngaarden. TWTW missed the post of the interview and transcript. The transcript states in part:

“Narrator

William van Wijngaarden is a professor of physics at York University in Canada. He’s an expert on all things to do with temperature. He’s made detailed studies of the physics of energy at the molecular level. He’s shown how to cool down atoms to near absolute zero using lasers. And he’s also an expert on the climate system at the macro level, having published many studies of temperature and precipitation changes around the world.

William van Wijngaarden

The Basic Mechanisms

So, the first question we want to ask is suppose there was no CO₂, no greenhouse gases in the Earth’s atmosphere. What would happen?

Well, you would have the surface that would absorb sunlight and that would radiate heat to space. And the heat that is emitted from the surface would just go unimpeded to space, so basically there’s no blanket. So, then it would be a lot colder than it is with greenhouse gases.

Now if you have an atmosphere with gases like CO₂ and it isn't just CO₂ but water vapor; that's the big greenhouse gas that people should talk about more, it's water vapor, CO₂, ozone, N₂O and methane, those are the five big naturally occurring greenhouse gases.

If you have, say, a photon, or some heat, it goes up, it gets absorbed by one of those molecules. Well, if that molecule has absorbed that heat, it will re-radiate it, but it will re-radiate in general in any direction. So, some of the heat will come back down and some will come back up.

So, it's a bit difficult for that infrared radiation to just go out into space. Its trip to space is going to be slowed down and in being slowed down it turns out that results in the heating of the Earth's surface.

Computing the Radiative Forcing of Greenhouse Gas Molecules

First consider: We have to ask ourselves what are the transitions where you can absorb this infrared light or heat. And by considering these five molecules, water vapor or H₂O, CO₂, ozone, N₂O and methane, we've considered several hundred thousand different transitions.

So that's one, just getting that data. Now there are libraries available where people have measured the frequencies and how strongly each of those frequencies is absorbed. So that's Step 1.

Step 2 you have to know what's the concentration of each of those molecules with altitude. So, there you also rely on observations.

Step 3 is we need to know what's the temperature versus altitude is. So, there are these standard temperature profiles that are also based on observation.

[Comment: There's more than meets the eye here. Suppose that we had a container of air with absolutely shiny insides that can emit no infrared radiation (IR) whatsoever. Let's start it at absolute zero and raise the temperature to some temperature found in the atmosphere. During all this time no IR has been emitted by the magic container. Nevertheless, there is IR in the container: collisions knock greenhouse gas molecules into excited states that emit IR in a temperature-dependent way. (Energy states E are populated proportional to $\exp(-E/kT)$). The general field is Statistical Mechanics (and it is not simple physics).]

And then you have to calculate for each of those frequencies how each of those say 200,000 transitions absorb your different frequencies of light and you have to do that at every altitude. So that's pretty involved.

The Logarithmic Relation Between CO₂ and Temperature

If you look at the greenhouse effect, the amount of warming, that depends logarithmically on CO₂ concentration. So, if I increase the CO₂ concentration from 400 to 800 parts per million and get, say, a temperature increase of, say, 1 degree C, to get an additional 1 degree C of

warming on top of that I can't go from 800 to 1200, I have to go from 800 to 1600 parts per million. So, it goes logarithmically. And that's accepted by everyone.

Estimating the Temperature Effect of Doubling CO₂ and Other GHGs

Well, what we've done in our work is we just consider those five gases. We see what happens if we double CO₂, double methane, double N₂O and have about a 6% increase in water vapor which corresponds to about a 1 degree C increase.

We find then that the temperature increase due to all those doublings is about 1 to 1.5 degrees C. That's far below what many of those Armageddon folks like to talk about.

The big uncertainty is water vapor and especially clouds. And people don't know what clouds do. If you have clouds during the day they block the sunlight and things cool down. If you have clouds at night they're going to trap heat hence the temperatures stay warmer.

So, are we going to have more clouds? Fewer clouds? We just don't know.

Lots We Don't Know

First of all, there are a lot of things we don't know. We don't know how to model ocean currents very well. Convection is extremely difficult to model, you're dealing with a turbulent process, the equations are very complicated, and no one can model that very well. So that's why we have focused on radiation.

Right now, we are unable to make a prediction of how turbulence, those fluid equations, how that behaves. That's just too hard for us to model. And even if we get much, much faster computers that's going to remain a very, very tough problem.

The H₂O Continuum

Some basic physics that even isn't very well understood: For example, people like to talk about when you calculate the absorption of these different wavelengths, they say OK you have all these different lines for CO₂, H₂O etc. So, then they make some predictions based on those lines of absorption and then they look at observations and then they look for the difference, and they find that there's a big difference and that they say is due to something called the H₂O continuum. Well, you ask, "What is the H₂O continuum due to?" and no one seems to know.

So, when you ask, is this well understood, no it's not. I think the problem in this field is people have not said, make some predictions, what are the observations, is there agreement between the model and the observations? And sometimes these models just have failed abysmally.

That doesn't mean the modelers are dumb folks. But it's just a very difficult thing sometimes to model. Climate is not simple to model.

John

Oh dear. That sounded disquietingly like real science. The kind you might study at college and fail. And there's no doubt we lay people need to try to keep up to speed on that and all kinds of other scientific subjects, partly to be informed citizens on important policy issues and partly just to be well-rounded. But part of understanding science is understanding where the complexities lie, and not getting browbeaten, especially by people who aren't scientists or won't admit science is complex, into believing it's so simple a child can explain it with a crayon.

That's not true of economics. It's not true of foreign policy. It's not true of how our system of government works, or all sorts of other things we want to understand in order to make informed decisions. And it's not true of climate science."

Among the major issues mentioned are Logarithmic Relation Between CO₂ and Temperature; that a doubling of CO₂, methane, and N₂O plus a 6% increase in water vapor (discussed in last week's TWTW using 7%) results in a 1 to 1.5 degree C (far less than modelers claim); there are lots we don't know; the H₂O continuum; and that climate is not simple to model. The logarithmic relations between CO₂ and temperature also applies to H₂O and temperature. At 400 parts per million in volume that relationship curve between CO₂ and temperature approaches a horizontal line, meaning it takes enormous increases in CO₂ to have a meaningful increase in temperature.

As discussed in last week's TWTW, in subsequent research van Wijngaarden and Happer have shown a doubling of CO₂ and the associated increase in water vapor will result in a warming less than 1°C. The H₂O continuum seems to be a trick by the modelers to compensate for the fact that our understanding of the greenhouse effect is based on quantum physics for which there is no continuous spectrum. Rather energy levels are constrained to specific, discrete values with no connections.

As van Wijngaarden states, calculating the greenhouse effect for each gas is a difficult, time-consuming process. Fortunately, we have the high-resolution transmission molecular absorption (HITRAN) database which is a compilation of spectroscopic parameters that a variety of computer codes use to predict and simulate the transmission and emission of light in the atmosphere. The project has been ongoing for over 50 years and covers 660 molecules. The IPCC and its supporters ignore the database that can be used to calculate the greenhouse effect.

For the interview see link under Challenging the Orthodoxy; for some of the papers on radiation transfer (the absorption, emission, and scattering of electromagnetic radiation) see links under Challenging the Orthodoxy – Radiation Transfer, and for the HITRAN database see

<https://hitran.org/>

Battery Storage: Writing in WUWT, New York energy commentator Roger Caiazza asks an intriguing question: Would You Rather Live Near a Battery Energy Storage System or a Nuclear Plant? The politicians of New York state have made their preference known. In 2017 they forced a closing settlement with the owners of the Indian Point nuclear power plant (about 35 miles (55 km) north of Manhattan citing safety, environmental, and population-density concerns. The plant which supplied about 25% of New York City's electricity was permanently closed in April 2021.

Now, New York City has 25 to 30 operating utility-scale and community-scale Battery Energy Storage System (BESS) with more underway. Caiazza's question is timely. His comments relay and an analysis by electrical engineer Richard Ellenbogen titled "The Intrinsic Danger of Siting Utility Scale Lithium Based Energy Storage Systems in Densely Populated Areas." The executive summary of the report states:

"This report was written at the request of the Hauppauge Fire Department because of their concerns about a proposed large Battery Energy Storage System (BESS) facility at 111 Rabro Drive. This would be located within 3500 feet of an elementary school, a much less than ideal siting for such a volatile and potentially dangerous facility.

Research on that issue revealed, in addition, that the proposed location is close to streams and has a high-water table. In a location with these characteristics, a lithium-ion battery fire, of the type that frequently has occurred at BESS facilities, could produce long-term, catastrophic environmental damage. This is in addition to the more immediate, very serious threat to people and structures at the school and in nearby neighborhoods from heat and toxic gases in the event of a fire. The body of this report explains these threats in detail and also provides background that shows why the occurrence of fire at a BESS facility, like the one proposed, presents such a high level of risk. The readers should be aware in reading this report, that the author received no compensation or payment in kind for the research and writing, but willingly invested the hundreds of hours of work required for its preparation strictly as a result of his great concern for the Hauppauge community, Nassau and Suffolk Counties, the downstate region, and the State of New York in general, inspired by the high level of threat and risk arising from the proposed BESS facility. The report is designed to be read on a network connected device and is arranged with hyperlinks providing backup documentation for each issue should readers wish to learn more about the statements made within."

Ellenbogen concludes with:

"The BESS Industry has a far worse safety and environmental record over the past 2-1/2 years than the nuclear industry has over the past 50 years, a period twenty times as long. NY State regulators and policy makers are ignoring these facts and allowing these systems to be installed in populated neighborhoods while also ignoring the potential consequences. The fact that the BESS industry is immune from regulations that would 'trigger federal reporting requirements under almost any other industrial sector', clearly documents how far the state and the industry has to go before allowing widespread installations of these systems. Regulators are not ensuring the public's safety. They are only trying to put a band-aid on years of utility system mismanagement."

To emphasize what battery fires are about, it is useful to look first at gasoline fires, house fires, and so forth. In these cases, the fuel is wood, gasoline, oil, or other combustible substance that burns because of oxygen in the air. To the extent that it is possible to keep the oxygen from getting to the material, the fire can be put out by keeping air from getting to the material. By contrast, a battery contains both the "combustible" material (the reducer) and the oxidizer in the same container. You cannot put out a fire in a lithium battery (for example) by restricting airflow.

This is followed by an AI conclusion. See link under Alternative, Green (“Clean”) Energy – Storage.

Different Use: Canary Media “Clean energy journalism for a cooler tomorrow” has an unusual article by Ishan Thakore: “Denver has a plan to heat and cool buildings with — wait for it — sewage: Denver’s largest source of emissions is its buildings, which tend to run on fossil fuels. The city is turning to a surprising solution to kick the habit.” The article states in part:

“Currently, Denver’s wastewater is treated and dumped into the South Platte River while it’s still warm. That isn’t great for the river’s health, and in several years, to comply with state environmental regulations, Metro will have to cool it down.

It’s a lot of heat. In certain weather, the wastewater can contain about four times the heat used by buildings on the current steam system during the dead of winter, according to Freedman. The city hopes to siphon off some of that heat for the loop, using a technology called a heat exchanger placed directly inside a major sewage line.

That would save the utility from paying more to chill its wastewater and burning more energy in the process. It could also open up a new source of revenue.

America’s largest “sewer heat recovery” system is just down the road, at a massive complex in Denver. Implementing the technology at city scale, though, could usher in much more widespread adoption. [Boldface added]

However, the massive complex in Denver is not operating, it is in a planning phase. See links under Below the Bottom Line.

D-Day: Cliff Mass presents a different take on the weather predictions around D-Day. See links under Other News that May Be of Interest.

SEPP’S APRIL FOOLS AWARD -- THE JACKSON

SEPP is conducting its annual vote for the recipient of the coveted trophy, The Jackson, a lump of coal. Readers are asked to nominate and vote for who they think is most deserving, following these criteria:

- The nominee has advanced, or proposes to advance, significant expansion of governmental power, regulation, or control over the public or significant sections of the general economy.
- The nominee does so by declaring such measures are necessary to protect public health, welfare, or the environment.
- The nominee declares that physical science supports such measures.
- The physical science supporting the measures is flimsy at best, and possibly non-existent.

Ursula von der Leyen, President of the European Commission, was the 2025 recipient. Past recipients are not eligible. See list at <https://www.sepp.org/april-fools-award.cfm>.

The committee that makes the selection prefers a candidate with a national or international presence. The voting will close on JULY 1 NOT JULY 31 as previously announced. Please send your nomination and a brief reason why the person is qualified for the honor to Ken@SEPP.org.

Number of the Week: Over 42,000 users. According to HITRAN online, The HITRAN database has over 42,000 users. It contains data that is important for understanding the greenhouse effect, yet the IPCC and its followers ignore its existence. See <https://hitran.org/>.

NEWS YOU CAN USE:

Commentary: Is the Sun Rising?

Nature Turns Up The Sunshine

By Willis Eschenbach, WUWT, May 31, 2026

<https://wattsupwiththat.com/2026/05/31/nature-turns-up-the-sunshine/>

Several people have noted that the decreased total albedo in the CERES dataset not only provides the additional energy necessary to explain a quarter-century of warming. It also gives changes in the total absorbed solar radiation (ASR, incoming solar radiation minus reflected solar radiation) that match up very nicely with the warming.

More Sun, Less Sun

By Willis Eschenbach, WUWT, June 4, 2026

<https://wattsupwiththat.com/2026/06/04/more-sun-less-sun/>

Quiet Sun Greater Threat than Greenhouse Gases

By Ron Clutz, His Blog, June 4, 2026

<https://rclutz.com/2026/06/04/quiet-sun-greater-threat-than-greenhouse-gases/>

Link to essay: **The Coming Modern Grand Solar Minimum**

By Anony Mee, American Thinker, Apr 20, 2021

https://www.americanthinker.com/articles/2021/04/the_coming_modern_grand_solar_minimum.html

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>

Net Zero Averted Temperature Increase

By Richard Lindzen, William Happer, and William A. van Wijngaarden, CO2 Coalition, June 2024

<https://co2coalition.org/publications/net-zero-averted-temperature-increase/>

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

The "Simple Physics" Slogan

By John Robson, Climate Discussion Nexus, Apr 16, 2019

<https://climatediscussionnexus.com/videos/the-simple-physics-slogan/>

Video and Text Featuring William van Wijngaarden

Are Climate Models "Just Physics"?

By Craig Loehle, WUWT, June 2, 2026

<https://wattsupwiththat.com/2026/06/02/are-climate-models-just-physics/>

A Quiet Rewrite That Could Shape a Thousand Climate Cases

Activists have injected agenda-driven consensus into rules of scientific evidence. Chief Justice Roberts has the power to change it back.

By Jeff Reynolds , Kevin Mooney, Real Clear Energy, June 04, 2026

<https://www.realclearenergy.org/articles/2026/06/04/a-quiet-rewrite-that-could-shape-a-thousand-climate-cases-1186602.html>

Reasonable scientists disagree about how much weight consensus should carry, and the climate field in particular has long blurred the line between empirical findings and policy preferences. But a manual distributed to thousands of judges is not the place to take a side in that argument. Chief Justice John Roberts has a straightforward option. As chair of the FJC, he can direct the center to restore the previous chapter, or commission a new one written tightly around the methodology *Daubert* requires. It is a simple act of housekeeping to insist that a handbook for judges reflect the Court's own evidence standard.

How Corrupted Science Poisoned Society

By Andrew Montford, The Daily Sceptic, June 3, 2026 [H/t Bernie Kepshire]

<https://dailysceptic.org/2026/06/03/how-corrupted-science-poisoned-society/>

Cults can and will corrupt institutions, civic, political, legal and scientific. My friend Professor Michael Kelly has tried for many years to get the Royal Society and the Royal Academy of Engineering – he is a fellow of both – to hold meetings on climate science and Net Zero that challenge the current ‘consensus’, but has been blanked at every step. These bodies, along with all the other scientific institutions, now seek to further the interests of the cult rather than science.

The Wind Power Puzzle (add more wind turbines and get the same output)

By Jo Nova, Her Blog, June 4, 2026

<https://joannenova.com.au/2026/06/the-wind-power-puzzle-add-more-wind-turbines-and-get-the-same-output/>

The bottomless pit of public spending strikes again

Germany added 14 gigawatts of wind power in the last 5 years, however the total amount of electricity produced is still around 106 Terawatt hours.

The maximum amount of wind power increases but the part we can rely on to always be there, barely exists.

Defending the Orthodoxy

Climate Change is a “Reproductive Health Crisis”?

Or so the Abortion Movement would have us believe

By Steven Mosher and Samantha Lejeune, Population Research Institute, June 1, 2026

<https://www.pop.org/climate-change-is-a-reproductive-health-crisis/>

Questioning the Orthodoxy

The Climate Scam Is Acknowledged. Americans Were Fed Lies, and Deserve to Be Compensated.

By Gary Abernathy, Real Clear Energy, June 04, 2026

<https://www.realclearenergy.org/articles/2026/06/04/the-climate-scam-is-acknowledged-americans-were-fed-lies-and-deserve-to-be-compensated-1186671.html>

But in between the occasional “we should still be a little nervous” qualifiers, the lengthy New York Times piece contained numerous stunning confessions both in regard to the climate cult movement in general and the newspaper specifically. For instance:

- “For years, critics of the high-emissions scenario had argued that it was always unrealistic, in part because it envisioned that countries would burn coal at absurdly high rates.” No kidding.
- “Predicting emissions over the next century is extremely difficult, since so much depends on future economic growth and technological changes.” Just like so many of us have been saying (or screaming) for years.
- “The high-emissions pathway wasn’t meant to be a prediction, but more of a ‘worst case,’ said Detlef van Vuuren, a climate scientist at Utrecht University...” That’s not the way it was sold.
- “News stories about climate research often emphasized results based on RCP8.5 as a picture of what the world can expect unless countries slash their emissions, which isn’t right, either.” Oh, now you tell us.
- “...the highest estimated damages based on RCP8.5 were a big focus and got more attention, including in *The New York Times* [emphasis mine].” That was not by design?

Tidbits

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/tidbits-160/>

But if they’re aware of this extraordinary degree of uncertainty in science generally, for instance that “Less than 0.001 percent of the seafloor has ever been directly seen by scientists”, why are they so credulous about the scientists who say on climate? For that matter, given the vital importance of the oceans to climate, from retaining heat to massive currents with long irregular cycles, why doesn’t this massive lack of detailed knowledge about them cause skepticism about just how “settled” climate science is?

Analysis: China’s new carbon metric leaves Germany-sized gap in its emissions

By Lauri Myllyvirta, Carbon Brief, May 26, 2026 [H/t John Robson]

<https://www.carbonbrief.org/analysis-chinas-new-carbon-metric-leaves-germany-sized-gap-in-its-emissions/>

[SEPP Comment: Omitting “Process emissions from minerals”, and “Carbon retained in products” makes China appear “greener.” But aren’t omissions a standard practice in the IPCC?]

China cooks the carbon accounting books by 400 million tons

By Jo Nova, Her Blog, June 5, 2026

<https://joannenova.com.au/2026/06/china-cooks-the-carbon-accounting-books/>

The Ecoworriers team at Carbon Brief are probably the only ones who do care and they drilled through all the detail. But being as generous as they can, even they can’t explain where 380 megatons went.

To put that in perspective, Australia’s entire annual emissions was 459 megatons. It’s like someone just said Oopsie to 80% of our national emissions.

China Rejects Accusations of Cooking the Books on Carbon Emissions

By Eric Worrall, WUWT, June 3, 2026

<https://wattsupwiththat.com/2026/06/03/china-rejects-accusations-of-cooking-the-books-on-carbon-emissions/>

RCP8.5: The Ultimate Elephant Gun?

What is the truth behind its recent demise?

By John Ridgway, Climate Scepticism, June 1, 2026

<https://cliscep.com/2026/06/01/rcp8-5-the-ultimate-elephant-gun/>

Climate Fact-Check May 2026

By Anthony Watts, WUWT, June 4, 2026

<https://wattsupwiththat.com/2026/06/04/climate-fact-check-may-2026/>

Climate exaggerators won't go away

By Joe Bastardi, CFACT, June 2, 2026

<https://www.cfact.org/2026/06/02/climate-exaggerators-wont-go-away/>

Problems in the Orthodoxy

The problem isn't making a mistake

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/the-problem-isnt-making-a-mistake/>

But having made that feeble effort at a modicum of humility, we insist that those unwilling to admit that RCP8.5 was never plausible, and using it as a cudgel or a basis for scientific conclusions, or both, was never honest.

To keep doing it is disgraceful.

The Rice Catastrophe Paper and the RCP 8.5 Rug-Pull

By Charles Rotter, WUWT, June 1, 2026

<https://wattsupwiththat.com/2026/06/01/the-rice-catastrophe-paper-and-the-rcp-8-5-rug-pull/>

The Justification for Net Zero Has Vanished with the Demise of RCP8.5

By Andrew Sibley, The Daily Sceptic, June 4, 2026 [H/t Bernie Kepshire]

<https://dailysceptic.org/2026/06/04/the-justification-for-net-zero-has-vanished-with-the-demise-of-rcp8-5/>

Run away, run away

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/run-away-run-away/>

While *Bloomberg Green* also reports, remarkably, that the Bezos Earth Fund, which had promised to blow \$10 billion on whatever would fix the weather by 2030, has only managed to allocate \$2.8 billion. The problem? Finding things that are actually worthwhile.

The problem is not that, as *Canary Media* claimed regarding New York, the goals have died.

What has died is a belief that the proposed methods can work, and increasingly that other

methods are available that will. Which is a situation hard to grasp for those who believe that good intentions can move mountains.

So send more euphemisms:

“To preserve optionality ... alternate pathway decisions have been preserved and will continue to be assessed.”

If they were trying to keep the memo secret because nobody wants it known that they talk in this manner, we sympathize. But if they did it because they wanted to keep pretending and keep their shirts, we don't. It was a big deal when they said they could and would do it, so it's important if they've realized they can't.

After Paris!

Lets Hope Global Temperature Stays Elevated Until the Paris Agreement Collapses

By Eric Worrall, WUWT, May 31, 2026

<https://wattsupwiththat.com/2026/05/31/lets-hope-global-temperature-stays-elevated-until-the-paris-agreement-collapses/>

I mean it was fun watching the thermometer creep slowly upwards, watching the propaganda build to a crescendo. Then global temperature suddenly spiked and upset their carefully orchestrated buildup to the world ending 1.5C climax. For a while it was funny – scientists scrambling to redefine 2.0C as the new 1.5C, before they mostly coalesced around the claim that a brief excursion doesn't really count.

Social Benefits of Carbon Dioxide

The effect of extra CO2 on Canadian Hemlock

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/the-effect-of-extra-co2-on-canadian-hemlock/>

From the CO2Science.org archive.

Seeking a Common Ground

NOAA Bets on AI to Translate Weather Warnings—But Can Machines Reliably Convey Life-and-Death Messages?

By Anthony Watts, WUWT, June 4, 2026

<https://wattsupwiththat.com/2026/06/04/noaa-bets-on-ai-to-translate-weather-warnings-but-can-machines-reliably-convey-life-and-death-messages/>

How to survive the AI conquest of social media

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/how-to-survive-the-ai-conquest-of-social-media/>

To take a step back, we want to recall a famous passage from John Stuart Mill's On Liberty about the vital importance of understanding ideas you reject. And when we say “famous” we mean we keep quoting it and hope you have read it though, or indeed because, it is clearly not famous enough.

Science, Policy, and Evidence

Proposed OMB Rules Could Reshape How US Science Is Funded and Published

Laughably, unhappy scientists complain proposed grant system overhaul could politicize research funding — as if that weren't already happening.

By Leslie Eastmann, Legal Insurrection, June 4, 2026

<https://legalinsurrection.com/2026/06/proposed-omb-rules-could-reshape-how-us-science-is-funded-and-published/>

Models v. Observations

Resonant Rossby wave mechanism for extreme weather performs poorly in simple model test

By Todd A. Mooring and Marianna Linz, AAAS Science Advances, Apr 22, 2026 [H/t Bernie Kepshire]

<https://www.science.org/doi/10.1126/sciadv.adp3054>

These findings cast doubt on the value of QRA [Quasiresonant amplification] theory in its current form as an interpretive tool and more generally warrant caution in the use of purely two-dimensional theories and/or zonally averaged flows to explain tropospheric extreme event dynamics.

Measurement Issues -- Surface

Serious Doubts Arise About Kew Temperature ‘Records’ as Recent UK Heatwave is Weaponised to Drive Net Zero

By Chris Morrison, The Daily Sceptic, May 31, 2026

<https://dailysceptic.org/2026/05/31/serious-doubts-arise-about-kew-temperature-records-as-recent-uk-heatwave-is-weaponised-to-drive-net-zero/>

Kew Gardens is rapidly becoming the new Heathrow as the favoured Met Office site for producing unnatural heat spikes in place of true, uncorrupted ambient air temperatures. This is, of course, useful for suggesting climate collapse and catastrophe to back the Net Zero fantasy, but it is hardly meteorological science at its finest.

Record Temperatures & UHI

By Paul Homewood, Not a Lot of People Know That, June 1, 2026

<https://notalotofpeopleknowthat.wordpress.com/2026/06/01/record-temperatures-uhi/>

Returning to the “Record” temperature at Kew Gardens last week, it’s worth taking a closer look at UHI:

Measurement Issues -- Atmosphere

UAH v6.1 Global Temperature Update for May, 2026: +0.53 deg. C

By Roy Spencer, His Blog, June 2, 2026

<https://www.drroyspencer.com/2026/06/uah-v6-1-global-temperature-update-for-may-2026-0-53-deg-c/>

Changing Weather

Germany’s Longterm Spring Climate Data Show “No Climate Trend”

By Frank Bosse, Via P Gosselin, No Tricks Zone, June 5, 2026

<https://notrickszone.com/2026/06/05/germanys-longterm-spring-climate-data-show-no-climate-trend/>

Although it was not particularly wet, this is by no means exceptional. A total of 14 of the 100 previous springs were drier, six of which occurred before 1980. These data also show no climate trend, only a great deal of natural variability.

Warmest Spring Due To Weather, Not Climate Change

By Paul Homewood, Not a Lot of People Know That, June 2, 2026

<https://notalotofpeopleknowthat.wordpress.com/2026/06/02/warmest-spring-due-to-weather-not-climate-change/>

Sometimes we get warmer than average days, sometimes we get colder. Either way, it is all weather. This year, we have predominantly had the former. That is not “climate change”.

Sunny Springs Linked To Warmer Weather

By Paul Homewood, Not a Lot of People Know That, June 4, 2026

<https://notalotofpeopleknowthat.wordpress.com/2026/06/04/sunny-springs-linked-to-warmer-weather/#more-91818>

As I reported earlier, it was one of the sunniest springs on record this year as well as the warmest. Are the two things related?

I have charted the average of daily max temperatures and sunshine hours in England, and there appears to be a good correlation:

Changing Climate

300 years of precipitation on the Tibetan Plateau

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/300-years-of-precipitation-on-the-tibetan-plateau/>

Link to paper: **A tree-ring-based early summer precipitation reconstruction since 1720 CE on the southeastern Tibetan Plateau**

By Min Cai, et al., Dendrochronologia, May 2026

<https://www.sciencedirect.com/science/article/abs/pii/S112578652600038X>

From Robson: The value of these kinds of studies is not just that they debunk the media hype connecting every dry or wet year to greenhouse gases. They also remind us that the climate system is naturally variable and we have to be ready for extreme events wherever we live. Nature is capable of throwing droughts, floods, heatwaves, hurricanes and every other kind of weather disaster at us all on its own. Rather than wasting money and effort trying to stop the climate from ever changing our resources would be better invested making ourselves as well off as possible off and more resilient in the face of whatever is coming at us next.

Changing Cryosphere – Land / Sea Ice

2026 May Arctic Ice Extents Closer to Normal

By Ron Clutz, His Blog, June 1, 2026

<https://rclutz.com/2026/06/01/2026-may-arctic-ice-extents-closer-to-normal/>

Agriculture Issues & Fear of Famine

Net Zero Just Cut Aussie Wheat Production by 50%

By Eric Worrall, WUWT, June 1, 2026

<https://wattsupwiththat.com/2026/06/01/net-zero-just-cut-aussie-wheat-production-by-50/>

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

Climate Alarm On The Run, Part II

I & I Editorial Board, June 5, 2026

<https://issuesinsights.com/2026/06/05/climate-alarm-on-the-run-part-ii/>

Another media global warming team has been terminated, this time the National Public Radio climate desk. This is what happens when “journalists” keep reporting about a dead horse. Eventually the public realizes the horse has perished and there’s nothing left to talk about. Or that there was no horse to begin with.

Wrong, BBC, No ‘Climate Driven Millisecond Earth Rotation Crisis’ Exists

By Anthony Watts, Climate Realism, May 29, 2026

<https://climaterealism.com/2026/05/wrong-bbc-no-climate-driven-millisecond-earth-rotation-crisis-exists/>

But Earth’s rotation has never been constant. As explained in the Climate Realism rebuttal to Euronews on the same topic, seasonal atmospheric mass redistribution alone produces annual variations of 0.5 to 1 millisecond. Interannual ENSO shifts add another ± 0.3 to 0.5 milliseconds. Decadal core-mantle coupling produces swings of 3 to 4 milliseconds. These are measured, observed phenomena, not model projections.

Wrong, Daily Mail, The Thwaites Glacier Isn’t About to ‘COLLAPSE’

By Anthony Watts, WUWT, June 4, 2026

<https://wattsupwiththat.com/2026/06/04/wrong-daily-mail-the-thwaites-glacier-isnt-about-to-collapse/>

Are ‘heat spikes’ becoming more common?

By Paul Homewood, Not a Lot of People Know That, June 1, 2026

<https://notalotofpeopleknowthat.wordpress.com/2026/06/01/are-heat-spikes-becoming-more-common/>

Quit Lying WPLN, Evidence Proves Black Bears Are Thriving, Not Threatened by Climate Change

By H. Sterling Burnett, Climate Realism, June 5, 2026

<https://climaterealism.com/2026/06/quit-lying-wpln-evidence-proves-black-bears-are-thriving-not-being-threatened-by-climate-change/>

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

Record wildfire losses rocked 2025 even as global burned area neared all-time lows

Press Release by University of East Anglia, May 31, 2026 [H/t Bernie Kepshire]

https://phys.org/news/2026-05-wildfire-losses-global-area-neared.html?utm_source=nwletter&utm_medium=email&utm_campaign=daily-nwletter

Link to paper: **Wildfires in 2025**

By Matthew W. Jones, et al., Nature Reviews Earth & Environment, June 1, 2026

<https://www.nature.com/articles/s43017-026-00793-z>

From paper: Globally, fires in 2025 burned the second-lowest area on record since 2002 and emitted the third-lowest CO₂ total. Yet, a third successive year of extreme wildfire emissions prevailed in Canada, and catastrophic fires in Los Angeles, South Korea and Europe killed over 90 people and forced over 300,000 evacuations.

From press release: Dr. Theodore Keeping, of World Weather Attribution at Imperial College London, said, "Studies clearly show that the hot, dry, windy weather conditions which drove devastating wildfires across Southern Europe have been made much more likely due to human-caused climate change

[SEPP Comment: Weather in southern Europe drives fires in Canada's boreal forests?]

Communicating Better to the Public – Make things up.
Shouldn't There Be a Law Against This Sort of Thing?

Climate change/net zero propaganda masquerades as government press release

By Mark Hodgson, Climate Scepticism, June 4, 2026 [H/t Bernie Kepshire]

<https://cliscep.com/2026/06/04/shouldnt-there-be-a-law-against-this-sort-of-thing/>

On Monday the Department for Energy Security and Net Zero (DESNZ) issued a press release titled "*Energy security, jobs and investment boost through climate action*". We can differ about the validity of the claims made in that short heading, but the sub-title is simply deceitful:

"*Families and businesses will **continue** to reap the benefits of the clean energy transition in the coming decades*"[my emphasis].

Communicating Better to the Public – Go Personal.

The 'Dr Willie Soon got \$1.2 million from Exxon' Accusation ... is still more dicey, Part 2

By Russell Cook, GelspanFiles.com, May 31, 2026

<https://gelspanfiles.com/?p=20021>

Communicating Better to the Public – Use Propaganda

Witness: A Journey Out Of Climate Alarmism

58 minute Webinar, Lucy Biggers, Climate Discussion Nexus, Jun1 1, 2026

<https://climatediscussionnexus.com/videos/witness-a-journey-out-of-climate-alarmism/>

[SEPP Comment: Will she become a spokesperson for the UN IPCC?]

GB News Clown Show With Jim Dale

By Paul Homewood, Not a Lot of People Know That, May 31, 2026

<https://notalotofpeopleknowthat.wordpress.com/2026/05/31/gb-news-clown-show-with-jim-dale/>

Somehow, I think we might just all survive this summer!

Communicating Better to the Public – Use Propaganda on Children

Little Kids and Green Monsters Part 1

By Tony Thomas, Climate Scepticism, June 3, 2026 [H/t Bernie Kepshire]

<https://cliscep.com/2026/06/03/little-kids-and-green-monsters-part-1/>

The lies they tell our school kids about warming (Part 2)

By Tony Thomas, Climate Scepticism, June 4, 2026 [H/t Bernie Kepshire]

<https://cliscep.com/2026/06/04/the-lies-they-tell-our-schoolkids-about-warming-part-2/>

Questioning European Green

Why Europe Can't Quit Climate Alarmism

By Ron Clutz, His Blog, Jan 3, 2026

<https://rclutz.com/2026/06/03/why-europe-cant-quit-climate-alarmism/>

Link to essay: **Why Europe Can't Quit Climate Alarmism**

By John Gustavsson, National Review, June 1, 2026

<https://www.nationalreview.com/2026/06/why-europe-cant-quit-climate-alarmism/>

While America gets richer, Europe doubles down on its failing climate strategy

European Energy Rules Risk Undermining Western Security

By Col. Rob Maness, Real Clear Energy, June 03, 2026

https://www.realclearenergy.org/articles/2026/06/03/european_energy_rules_risk_undermining_western_security_1186597.html

Germany's Ecological Holocaust... Once Fairy Tale Forests Getting Cleared For Wind Turbines

By P Gosselin, No Tricks Zone, May 31, 2026

<https://notrickszone.com/2026/05/31/germanys-ecological-holocaust-once-fairy-tale-forests-getting-cleared-for-wind-turbines/>

Questioning Green Elsewhere

Here comes the omnicult

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/here-comes-the-omnicult/>

“Commit to limiting militaries to defense, civilian protection, and lawful peacekeeping, and to prohibiting offensive operations or foreign intervention that undermine stability.”
The problem isn't limiting your own military to defense. It's limiting theirs. But again, they're not limiting themselves to such paltry ambitions as defending freedom.

Green Jobs

The great 'Net Zero jobs' myth

19 Minute Video featuring Andrew Montford, June 3, 2026

<https://www.netzerowatch.com/videos/v/6mh4t2bpm7saj2kcpfnfwjb9yf9bch>

The Political Games Continue

Just say climate

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/just-say-climate/>

Litigation Issues

Appeals court tosses kids' challenge to Trump energy orders

By Zach Schonfeld, The Hill, June 2, 2026

<https://thehill.com/regulation/court-battles/5906104-appeals-court-ruling-young-americans-trump-energy-executive-orders/>

“The court never said we were wrong. They never said the harm isn't real. They just said they wouldn't stop the harm,” lead plaintiff Eva Lighthiser said in a statement. “They had the power to act and they chose not to. By the time we are harmed enough to satisfy them, it will be too late. I am a young person. This is my life, my health, my future. And I deserve better than this. We all do.”

Among other requirements, a plaintiff in federal court must show they've suffered a concrete injury, and the court has the power to remedy it. The appeals court said the plaintiffs failed both. "Plaintiffs can only speculate that the Executive Orders are the cause of the many agency actions they allege will exacerbate climate change," the panel wrote.

[SEPP Comment: The biased article does not identify the law firm(s) that is using children as pawns.]

Judge halts Trump effort to target Colorado climate lab

By Rachel Frazin, The Hill, June 2, 2026

<https://thehill.com/policy/energy-environment/5905703-colorado-climate-lab-ncar/>

Judge R. Brooke Jackson, an Obama appointee, blocked the administration from taking away a supercomputer from the National Center for Atmospheric Research (NCAR) in a preliminary ruling.

"Any degradation in forecasting, modeling, or related scientific capabilities carries real-world consequences, including potential harm to property and human life," Jackson wrote.

[SEPP Comment: The judge erroneously assumes NCAR's forecasting and modeling are reliable.]

Subsidies and Mandates Forever

Trump delivers boost to coal worth hundreds of millions, including wartime authority funds

By Rachel Frazin, The Hill, June 4, 2026

<https://thehill.com/policy/energy-environment/5910696-trump-coal-power-dpa/>

Energy Issues – General

Can US and India Forge a 'Big, Beautiful' Energy Deal?

By Vijay Jayaraj, CO2 Coalition, June 1, 2026

<https://co2coalition.org/2026/06/01/can-us-and-india-forge-a-big-beautiful-energy-deal/>

Energy Issues – Australia

Here come the economy-crushing climate measures

Australia backs International Court of Justice climate ruling

By Alan Moran, Spectator Australia, May 27, 2026

<https://www.spectator.com.au/2026/05/here-come-the-economy-crushing-climate-measures/>

Energy Issues – Elsewhere non-US

Carney Drives Canada Into Recession

By Ron Clutz, His Blog, May 30, 2026

<https://rclutz.com/2026/05/30/carney-drives-canada-into-recession/>

An each way bet on failure

By John Robson, Climate Discussion Nexus, June 3, 2026

<https://climatediscussionnexus.com/2026/06/03/an-each-way-bet-on-failure/>

Hapless Industry Minister Mélanie Joly [Canada], who incredibly seems even further out of her depth on this file than as Foreign Minister, told executives and academics:

“I really, really think we’ve been able to square the circle with our auto strategy, which is indeed not an easy one.”

Squaring the circle being a metaphor for things that have been proven to be impossible, not something she’d know. As she would also not know that subsidizing things when you run out of cash is impossible.

Energy Issues -- US

On Fire! US hunger for gas power so large, wait time for turbines blows out to 5+ years

By Jo Nova, Her Blog, June 2, 2026

<https://joannenova.com.au/2026/06/on-fire-us-hunger-for-gas-power-so-large-wait-time-for-turbines-blows-out-to-5-years/>

If only Australia had fully functional old coal plants they could restart like France, Germany and the US did, we could have sold the cheap power to desperate data center operators instead of being a technology backwater. Instead we blow them up, and throw a party to celebrate.

Bridging the Gap on Permitting Reform

By Taylor Tougaw, Real Clear Energy, June 03, 2026

https://www.realclearenergy.org/articles/2026/06/03/bridging_the_gap_on_permitting_reform_1186394.html

The state of U.S. infrastructure is appalling, having earned only a C, which is actually an upgrade, in 2025 from the American Society of Civil Engineers. 42% of bridges are over 50 years old, 39% of roads are in poor or mediocre condition, and there is a water main break in the U.S. roughly every two minutes. Interestingly, the energy sector was the only section that actually lost a rating compared to last year’s report, having earned a D+.

A Tale of Two Types of States: Those with Dumb Energy Laws, and Those with Smart Laws

By William Murray, WUWT, June 4, 2026

<https://wattsupwiththat.com/2026/06/04/a-tale-of-two-types-of-states-those-with-dumb-energy-laws-and-those-with-smart-laws/>

Link to report: Energy Affordability Report, 5th Edition

By Lora Current, et al., American Legislative Exchange Council (ALEC), Apr 1, 2026

<https://alec.org/publication/energy-affordability-report-5th-edition/>

The Broken Promise of PROMESA, Part II: The Blackout of Governance in Puerto Rico

By Chris Christie, Real Clear Energy, June 01, 2026

https://www.realclearenergy.org/articles/2026/06/01/the_broken_promise_of_promesa_part_ii_the_blackout_of_governance_in_puerto_rico_1185701.html

Maryland Ratepayers, But the Fight Over Electricity Markets Is Just Beginning

By Rob Nichols, Real Clear Energy, June 03, 2026

https://www.realclearenergy.org/articles/2026/06/03/a_big_win_for_maryland_ratepayers_but_the_fight_over_electricity_markets_is_just_beginning_1186351.html

America Is Losing the AI Race, One Zoning Hearing at a Time

By David S. Cohen, Real Clear Energy, June 04, 2026

https://www.realclearenergy.org/articles/2026/06/04/america_is_losing_the_ai_race_one_zoning_hearing_at_a_time_1186601.html

Washington's strategy is equally ineffectual. Executive Order 14318 streamlined federal permitting and provided financial support for qualifying data center projects. Energy Secretary Wright has pushed FERC toward interconnection reform. None of it reaches the fifty state commissions, the hundreds of county boards, or the thousands of zoning authorities that actually decide where this gets built.

Data Centers Can Make Neighborhoods Up to 4 Degrees Hotter, Study Finds

Researchers studying data center impacts in Phoenix, Arizona, found that they can raise nearby air temperatures by up to 4 degrees Fahrenheit (2 degrees Celsius).

By Ellyn Lapointe, Gizmodo, May 22, 2026 [H/t Bernie Kepshire]

<https://gizmodo.com/data-centers-can-make-neighborhoods-up-to-4-degrees-hotter-study-finds-2000761977>

Link to paper: **Data Center Waste Heat as an Emerging Urban Thermal Hazard: First Field Measurements of Neighborhood-Scale Air Temperature Impacts Open Access**

By David J. Sailor, et al., Journal of Engineering for Sustainable Buildings and Cities, May 2026

<https://asmedigitalcollection.asme.org/sustainablebuildings/article/7/2/024501/1233035/Data-Center-Waste-Heat-as-an-Emerging-Urban>

From the body of the paper: Wind speed and direction data were obtained from the Chandler Municipal Airport (KCHD) NWS station for the June 18 CyrusOne and October 25 Digital Realty traverses, from a portable weather station positioned near the facility perimeters for the August 8 CyrusOne and Aligned traverses, and from the Phoenix–Mesa Gateway Airport (KIWA) NWS station for the NTT PH1 traverse. Multiple traverses were conducted across different dates, times of day, and conditions from June 18 to October 25, 2025.

Oil and Natural Gas – the Future or the Past?

Fourth Shale Revolution = Hydrocarbon Abundance

By Peter Zeihan, Via Ron Clutz, His Blog, June 3, 2026

<https://rclutz.com/2026/06/03/fourth-shale-revolution-hydrocarbon-abundance/>

Spherical grains of petroleum coke material are effective in fracking operations in coal seams. Called ceramics? It is ceramics. Petroleum coke is cheaper than that, more expensive than sand, but its real advantage it's a lot less dense, maybe 40-50% less dense than sand, which means you can suspend it in the water better, which means it pushes into the formation better, which means it holds open cracks deeper in the formation, and for a small increase in cost using what used to be a waste product, Exxon has seen their numbers increase by 10% to 20% to maybe even 30% in some wells.

Video and Text

Nuclear Energy and Fears

A.I.'s Energy Boom Needs Safer Nuclear Power

By Nathan Harden, Real Clear Energy, June 04, 2026

https://www.realclearenergy.org/articles/2026/06/04/ais_energy_boom_needs_safer_nuclear_power_1186935.html

Link to further description of the fuel: **TRISO Particles: The Most Robust Nuclear Fuel on Earth**

TRISO particles cannot melt in a reactor and can withstand extreme temperatures that are well beyond the threshold of current nuclear fuels.

By Staff, Office of Nuclear Energy, DOE, July 9, 2019, Updated June 2023

<https://www.energy.gov/ne/articles/triso-particles-most-robust-nuclear-fuel-earth>

Another Day, Another SMR Startup Goes Public

Hadron Energy's IPO exposes the silliness in the SMR sector. Plus, a 30% discount on subscriptions until June 9.

By Robert Bryce, His Substack, June 4, 2026

<https://robertbryce.substack.com/p/another-day-another-smr-startup-goes>

The SMR market isn't just crowded, it's overcrowded. As we've shown in SMR Intelligence US, there are now 42 companies trying to develop and commercialize small modular reactors in the United States. Dozens of foreign companies are trying to do the same thing.

America's Only Commercial Uranium Enricher Is Privately Building a New Plant Amid a Widening Nuclear Fuel Supply Gap

By Sonal C. Patel, Power Mag, June 3, 2026

https://www.powermag.com/americas-only-commercial-uranium-enricher-is-privately-building-a-new-plant-amid-a-widening-nuclear-fuel-supply-gap/?utm_source=omeda&utm_medium=email&utm_campaign=pwrnews+eletter&oly_enc_id=7809H6412578JOB

Alternative, Green ("Clean") Solar and Wind

Wyoming Golden Eagles should be listed as threatened under the Endangered Species Act

By David Wojick, CFACT, June 2, 2026

<https://www.cfact.org/2026/06/02/wyoming-golden-eagles-should-be-listed-as-threatened-under-the-endangered-species-act/>

Another important example is "Comments on Environmental Assessment of the Two Rivers Wind Energy Project on behalf of National Audubon Society and the Wyoming Outdoor Council."

Here is their special warning with respect to wind power development:

"Wyoming is home to the largest breeding population of Golden Eagles in the lower 48 states and provides critical habitat for wintering and migrating individuals; the state contains some of the most valuable areas for long-term conservation in the western United States."

New Study: Solar Photovoltaic, Wind Power Fail To Meet Annual Energy Demands 62% Of The Time

By Kenneth Richard, No Tricks Zone, June 4, 2026

<https://notrickszone.com/2026/06/04/new-study-solar-photovoltaic-wind-power-fail-to-meet-annual-energy-demands-62-of-the-time/>

Link to paper: Stochastic Assessment of Renewable Energy Reliability: A Case Study of North Euboea, Greece

By G.-Fivos Sargentis, et al., Journal of Energy and Power Technology, Apr 20, 2026

<https://www.lidsen.com/journals/jept/jept-08-02-008>

From the abstract: Results show that, despite annual energy sufficiency, demand is met only 32% of the time for photovoltaics and 44% of the time for wind power in the absence of storage. Introducing moderate storage capacity equivalent to approximately half of the average daily demand (6 kWh per capita) increases reliability to about 70-71%, yet substantial unmet demand and curtailment persist. The weak correlation between wind generation and demand, compared to a moderate correlation identified for photovoltaics, further exacerbates system imbalance.

Germany's Die Welt: "Too Much Is Too Much" ... Green Energies Are Cannibalizing Each Other!

By P Gosselin, No Tricks Zone, June 6, 2026

<https://notrickszone.com/2026/06/03/germanys-die-welt-too-much-is-too-much-green-energies-are-cannibalizing-each-other/>

However, the article also demonstrates very well that the thesis that wind and solar complement each other perfectly is flawed. The sunny holiday weekends in the spring of 2026 clearly showed that wind power has to be curtailed because millions of solar systems are pushing their electricity into the grid unregulated. Wetzel calls it cannibalization. This will not be solved with more power lines either—too much is too much.

[SEPP Comment: And wind and solar can fail together as well.]

U.S. Rooftop Solar Bust: Journalistic Misdirection

By Robert Bradley Jr., Master Resource, May 29, 2026

<https://www.masterresource.org/solar-rooftop/misinformation-rooftop-solar-bust/>

Alternative, Green ("Clean") Energy -- Other

How the Ocean Can Help Solve Data Center Demand for Energy and Land

By Drew Bond, Real Clear Energy, June 01, 2026

https://www.realclearenergy.org/articles/2026/06/01/how_the_ocean_can_help_solve_data_center_demand_for_energy_and_land_1185703.html

Co-locating data centers in the ocean that are powered by wave energy, cooled by seawater, and run with zero emissions is certainly innovative and sounds unusual, but it just might work.

[SEPP Comment: Wave energy is unreliable. Tidal power plants have been demonstrated such as the Rance Tidal Station in Brittany, France (average tidal range 8m (26ft), and the Sihwa Lake Tidal Power Station in South Korea (average tidal range 5.6 m (18ft). How many places have the tidal range needed for a successful tidal power plants be built at reasonable costs.]

Alternative, Green ("Clean") Energy -- Storage

Would You Rather Live Near A Battery Energy Storage System or a Nuclear Plant

By Roger Caiazza (using work by Richard Ellenbogen), WUWT, June 1, 2026

<https://wattsupwiththat.com/2026/06/01/would-you-rather-live-near-a-battery-energy-storage-system-or-a-nuclear-plant/>

Alternative, Green ("Clean") Vehicles

'EV Guy' Crushed by His Readers (social media correction)

By Robert Bradley Jr., Master Resource, June 4, 2026

<https://www.masterresource.org/electric-vehicles/ev-guy-lost-social-media/>

Ford Ditches EVs—Again

By Robert Bradley Jr, Master Resource, June 2, 2026

<https://www.masterresource.org/edison-thomas/ford-ditches-evs-again/>

California Dreaming

Five Billion Barrels of Crude Oil

By Edward Ring, What's Current, Accessed June 4, 2026

<https://mailchi.mp/calpolicycenter/whats-current-issue-7861991?e=75f5174b03>

Notwithstanding politically motivated proclamations to the contrary, you can't siphon tens of billions out of an industry that operates on thin margins, and not expect their plants to accumulate a deferred maintenance debt and backlog of unfulfilled upgrades that has by now put them on a potentially irreversible trajectory toward permanent shutdown.

Modern society runs on refined oil products. Can California keep ignoring reality?

By Ronald Stein and Mike Ariza, America Out Loud News, June 1, 2026

<https://www.americaoutloud.news/modern-society-runs-on-refined-oil-products-can-california-keep-ignoring-reality/>

An energy “REALITY” reminder is that crude oil by itself is useless black tar, unless you build a multi-billion-dollar refinery to break it down to produce various types of transportation fuels, and oil derivatives that are the basis of the products in our materialistic world.

Other Scientific News

From Forest to Pharmacy: An Insider's Account of the Race to Bring Taxol to Market

By Burt Rosen, ACSH, May 26, 2026

<https://www.acsh.org/news/2026/05/26/forest-pharmacy-insiders-account-race-bring-taxol-market-50136>

In the annals of medical and political history, few episodes better illustrate the conflict between environmental conservation and medical necessity than the effort to bring Taxol to patients.

Other News that May Be of Interest

The Real Story of the D-Day Weather Forecast

By Cliff Mass, Weather Blog, May 31, 2026

<https://cliffmass.blogspot.com/2026/05/the-real-story-of-d-day-weather-forecast.html>

Link to paper: **Right for the Wrong Reason?: A New Look at the 6 June 1944 D-Day Forecast by a Neutral Swede**

By Anders Persson, Bulletin of the American Meteorological Society, July 1, 2020

<https://journals.ametsoc.org/view/journals/bams/101/7/bamsD180311.xml>

From Mass: The forecast team under Stagg predicted the low would continue northward, producing conditions just good enough for D-Day on June 6th. The actual weather map for June 6th suggests that Stagg and associates made the right forecast for the wrong reason.

BELOW THE BOTTOM LINE

Denver has a plan to heat and cool buildings with — wait for it — sewage

Denver's largest source of emissions is its buildings, which tend to run on fossil fuels. The city is turning to a surprising solution to kick the habit.

By Ishan Thakore, Canary Media, May 25, 2026 [H/t John Robson]

<https://www.canarymedia.com/articles/geothermal/denver-heat-cool-buildings-sewage>

Link to: **The largest Sewer-Heat Recovery System in North America**

By Staff, National Western Center, Accessed June 5, 2026

<https://nationalwesterncenter.com/about/what-is-the-nwc/sustainability-regen/energy/>

Godzilla Weather, Widespread Devastation & Economic Disruption

By Paul Homewood, Not a Lot of People Know That, June 4, 2026

<https://notalotofpeopleknowthat.wordpress.com/2026/06/04/godzilla-weather-widespread-devastation-economic-disruption/>

I can't leave this without mentioning that the young reporter who wrote this twaddle is the Telegraph's "Global Health Security Reporter":

The Telegraph's Global Health Security coverage is partly funded by the Bill & Melinda Gates Foundation.

Oh No, We're All Dead – According to a 2016 Climate Mass Extinction Prediction

By Eric Worrall, WUWT, June 4, 2026

<https://wattsupwiththat.com/2026/06/04/oh-no-were-all-dead-according-to-a-2016-arizona-mass-extinction-prediction/>

[SEPP Comment: If you missed this mass extinction, another one will be by shortly.]

To save the world, Cement Australia stops burning coal and burns trees instead

By Jo Nova, Her Blog, June 3, 2026

<https://joannenova.com.au/2026/06/to-save-the-world-cement-australia-stops-burning-coal-and-burns-trees-instead/>

We've 1,000 years of coal left underground, but we're returning to burning trees again to scare off the Climate-Yeti.

Environmentalists are aghast, of course, even though this is exactly what they wanted — a lower carbon form of concrete, and an end to coal.

ARTICLES

1. China Cooks the Carbon Emissions Books

Beijing redefines a key metric to make itself look greener.

By The Editorial Board, WSJ, Updated May 31, 2026

https://www.wsj.com/opinion/china-carbon-emissions-statistics-lauri-myllyvirta-fff66609?mod=hp_opin_pos_5

TWTW Summary: Key points discussed in the This Week section above.

2. Global Warming or Just Getting Old?

A World Health Organization panel calls climate change a global health emergency but forgets to adjust its data for age.

By Bjorn Lomborg, WSJ, June 2, 2026

https://www.wsj.com/opinion/global-warming-or-just-getting-old-f3e9cfab?mod=opinion_lead_pos8

Link to **WHO press release: Climate inaction is claiming millions of lives every year, warns new Lancet Countdown report**

By Staff, WHO, Oct 29, 2025

<https://www.who.int/news/item/29-10-2025-climate-inaction-is-claiming-millions-of-lives-every-year--warns-new-lancet-countdown-report>

Need institutional access to download the report

TWTW summary: The President of the Copenhagen Consensus begins with:

“The World Health Organization is at it again. A top commission—stacked with a former European Union climate commissioner, a former prime minister of Iceland, other former ministers and environmental campaigners—has recommended that the health body declare climate change a global health emergency. The commission’s headline evidence is a Lancet study showing heat deaths in Europe are rapidly rising, reaching 63,000 a year. This study shows that European heat-death risk has risen 82% since 1990.

But the study and the commission report both ignore a crucial factor: Heat mortality risk rises sharply with age, and Europe has aged dramatically. Since 1990, the share of Europeans over 70 has increased by 78%. Aging alone explains virtually all the observed increase in heat deaths.

Using the Global Burden of Disease, Lomborg finds that WHO exaggerates the problem by over 50 times. He concludes with:

This isn’t a technical quibble. It is the difference between a genuine health crisis and a demographic inevitability being rebranded as a climate emergency.

The deeper dishonesty lies in another omission. As temperatures rise, heat deaths increase but cold deaths fall. Cold deaths far outnumber heat deaths on every continent. Age-standardized data shows that cold death rates in Europe have declined by nearly 50% since 1990. At today’s population levels, that translates to roughly 210,000 fewer cold deaths each year.

The WHO report not only exaggerates heat deaths; it conceals the fact that cold deaths have declined by approximately 250 times as much as heat deaths have risen. This is the suppression of inconvenient data to manufacture a crisis.”