

# The Week That Was: 2020-11-07 (November 7, 2020)

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### The Science and Environmental Policy Project

**Quote of the Week:** “*Philosophy is written in this grand book, the universe, which stands continually open to our gaze. But the book cannot be understood unless one first learns to comprehend the language and read the letters in which it is composed.*” – Galileo

**Number of the Week: Up 1.5%**

#### THIS WEEK:

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

**Van Wijngaarden and Happer Continued:** Last week TWTW discussed the preprint of the paper “Dependence of Earth’s Thermal Radiation on Five Most Abundant Greenhouse Gases” by W. A. van Wijngaarden and W. Happer (W & H), two noted experts in Atomic, Molecular and Optical (AMO) Physics. To understand the greenhouse effect, an understanding of AMO is needed, particularly to estimate the extent to which increasing greenhouse gases can warm the earth. At the end of last week’s discussion, TWTW stated:

*“As stated by Lindzen previously, doubling of CO<sub>2</sub> will have little effect on the earth’s climate, a few percent of the total energy flowing onto the earth and out to space. Again, the **exponential functions** used by the IPCC [UN Intergovernmental Panel on Climate Change] are pure fantasy. Further, as will be discussed next week, cutting existing CO<sub>2</sub> in half will have little effect and the residence time of CO<sub>2</sub> in the atmosphere is not particularly meaningful. Carbon dioxide capture is of little or no value.”* [Boldface and underline added]

The term “exponential functions” is not correct as used. It would have been better to say, “Again, the **exponential relationships** used by the IPCC are pure fantasy.”

Another inappropriate term is *tipping point* which comes from the phenomenon where a tipped object falls over—and does not return to its initial position—once the center of gravity lies outside the base. By extension, a climate tipping point would be one in which (say) the planet gets inexorably hotter, never to cool down. The term is utterly inappropriate for describing the earth which swings back and forth from glacial to interglacial periods.

Further, it is important to emphasize the W & H work supports previous work by others. As stated in the Abstract:

*“Doubling the current concentrations of CO<sub>2</sub>, N<sub>2</sub>O or CH<sub>4</sub> increases the forcings by a few percent. These forcing results are close to previously published values even though the calculations did not utilize either a CO<sub>2</sub> or H<sub>2</sub>O continuum. The change in surface temperature due to CO<sub>2</sub> doubling is estimated taking into account radiative-convective equilibrium of the atmosphere as well as water feedback for the cases of fixed absolute and relative humidities as well as the effect of using a pseudoadiabatic lapse rate to model the troposphere temperature.”*

Unlike models used by the IPCC, W & H compared their results against appropriate physical evidence. They do this in Section 8, “Comparison of Model Intensities to Satellite Observations”:

The authors realize that it would be ideal to compare their calculations with satellite observations over the tropics, but the interferometer data are not available. Also note the thermal inversion that occurs over wintertime Antarctica,

Among other conclusions that readers of TWTW may find interesting are:

*“Radiative forcing depends strongly on latitude, as shown in Figs. 7 and 8 [not shown here]. Near the wintertime poles, with very little water vapor in the atmosphere, CO<sub>2</sub> dominates the radiative forcing. The radiation to space from H<sub>2</sub>O, CO<sub>2</sub> and O<sub>3</sub> in the relatively warm upper atmosphere can exceed the radiation from the cold surface of the ice sheet and the TOA [Top of Atmosphere] forcing can be negative.*

**“Fig. 9 as well as Tables 2 and 4 [not shown here] show that at current concentrations, the forcings from all greenhouse gases are saturated. The saturations of the abundant greenhouse gases H<sub>2</sub>O and CO<sub>2</sub> are so extreme that the per-molecule forcing is attenuated by four orders of magnitude with respect to the optically thin values. Saturation also suppresses the forcing power per molecule for the less abundant greenhouse gases, O<sub>3</sub>, N<sub>2</sub>O and CH<sub>4</sub>, from their optically thin values, but far less than for H<sub>2</sub>O and CO<sub>2</sub>.**

*“Table 2 and Fig. 10 [not shown here] show the overlap of absorption bands of greenhouse gases causes their forcings to be only roughly additive. One greenhouse gas interferes with, and diminishes, the forcings of all others. But the self-interference of a greenhouse gas with itself, or saturation, is a much larger effect than interference between different gases. Table 4 shows that for optically thin conditions, the forcing power per molecule is about the same for all greenhouse gases, a few times 10–22 W per molecule.”* [Boldface added]

The issue of water vapor is critical to the estimates in 1979 Charney Report that a doubling of CO<sub>2</sub> would cause an increase in temperatures of 3 K, plus or minus 1.5 K. These estimates have been continued by the IPCC and its followers, without physical evidence from the atmosphere.

As stated in TWTW last week, W & H have three estimates of the impact of a doubling of CO<sub>2</sub>. For a fixed absolute humidity and constant lapse rate (drop in temperature with increase in altitude below the tropopause (where water freezes out of the atmosphere)) the estimate is 1.4 K (°C or 2.5 °F). For a fixed relative humidity and constant lapse rate the estimate is 2.3 K (°C or 4.1 °F), and for a fixed relative humidity and a pseudoadiabatic lapse rate (condensed water is immediately removed) the estimate is 2.2 K (°C or 4 °F). All these estimates are below the mean estimate used in IPCC reports of 3.0 °C

Since the greenhouse gases are saturated, particularly for H<sub>2</sub>O and CO<sub>2</sub>, there is no reason to accept any estimates above 3.0 °C without compelling physical evidence of strong atmospheric warming, which is totally lacking in the IPCC reports. Further, as demonstrated in the report of McKittrick and Christy, and in the current report of bulk atmospheric temperature trends by Roy Spencer and Earth System Science Center, UAH, the linear warming trend is modest.:

*“The linear warming trend since January 1979 remains at +0.14 C/decade (+0.12 C/decade over the global-averaged oceans, and +0.18 C/decade over global-averaged land).”*

Despite dire reports, there is no evidence of dangerous warming from greenhouse gases. See links under Challenging the Orthodoxy.

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**Clouds – The Big Unknown:** The Charney Report asserted that a modest warming from carbon dioxide will be amplified by warming from water vapor. The IPCC Second Assessment Report (SAR, 1996) claimed a pronounced warming trend for water vapor over the tropics and identified it as the “human fingerprint.” The human fingerprint is yet to be found. Yet the IPCC and its followers continue to claim an amplification to CO<sub>2</sub> warming.

As stated by McKittrick and Christy in a letter published by the AGU in July:

*“The literature drawing attention to an upward bias in climate model warming responses in the tropical troposphere extends back at least 15 years now (Karl et al., 2006). Rather than being resolved, the problem has become worse, since now every member of the CMIP6 generation of climate models exhibits an upward bias in the entire global troposphere as well as in the tropics. The models with lower ECS [Equilibrium Climate Sensitivity] values have warming rates somewhat closer to observed but are still significantly biased upward and do not overlap observations. Models with higher ECS values also have higher tropospheric warming rates and applying the emergent constraint concept implies that an ensemble of models with warming rates consistent with observations would likely have to have ECS values at or below the bottom of the CMIP6 range. Our findings mirror recent evidence from inspection of CMIP6 ECSS (Voosen, 2019) and paleoclimate simulations (Zhu et al., 2020), which also reveal a systematic warm bias in the latest generation of climate models.”*

The remaining big unknown is Clouds. Measurements of bulk temperature trends should include their influence. However, the estimates of the greenhouse effect by greenhouse gases such as the one by W & H, above, do not. But they do measure the greenhouse effect itself.

Low-level clouds can cool the earth by reflecting as much as 30 to 60% of sunlight. High-level clouds can warm the earth by allowing sunlight through but interfering with outgoing radiant energy from the surface to space. Retired physicist Ralph Alexander has a good explanation on his blog. According to Alexander, the latest generation of models used by the UN IPCC, CMIP6, are relying on the magic of clouds.

*The latest generation of computer models, known as CMIP6, predicts an even greater – and potentially deadly – range of future warming than earlier models. This is largely because the models find that low clouds would thin out, and many would not form at all, in a hotter world. The result would be even stronger positive cloud feedback and additional warming. However, as many of the models are unable to accurately simulate actual temperatures in recent decades, their predictions about clouds are suspect.*

Alexander references a project to find the influence of clouds. However, given the bias of the IPCC its questionable whether the project will be unbiased. An article from Columbia University, a leader in climate activism states:

*“Every degree or even half of a degree of global warming can have widespread and devastating impacts, said [project leader Gregory] Cesana, ‘so it’s very important to be able to narrow this down.’”*

Given the wide-ranging natural warming and cooling of the planet, particularly during ice ages, does the researcher exhibit a bias? See links under Challenging the Orthodoxy and Defending the Orthodoxy.

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**Scientization of Policy:** Last week, TWTW linked to an article by Judith Curry which deserves further discussion. Curry writes:

*"Dutch regulatory lawyer Lucas Bergkamp summarizes the challenge in this way. Science has become an instrument used by politicians and agencies to arm themselves with powerful arguments in complex value-laden debates. Scientists have let the politicians hijack the scientific enterprise. Both policy makers and scientists exploit scientific uncertainty to avoid debate on the relation between science and politics, facts, and values. Armed with science, politicians are able to avoid accountability for decisions. Serious debate is avoided because politicized science has purged doubt and skepticism. Activist climate science makes use of a series of strategies and tactics to influence public opinion and politics. Bergkamp concludes that climate science itself has come under siege."*

*"Scientization of policy is a response to intractable political conflicts that transforms the political issues into scientific ones. The rationale for scientization is the belief that science can act as a neutral arbiter of policy — if we could only determine the facts of a matter, the appropriate course of action would become clear. The problem is that science is neither neutral nor capable of answering political questions. The answers that science gives depend on what questions are asked, which inevitably involves value judgments. Science is not designed to answer questions about how the world ought to be, which is the work of politics."*

*"Policy makers are culpable in the misuse of science for policy making by:*

- regarding science as a vehicle to avoid 'hot potato' policy issues
- expecting black-and-white answers to complex problems
- demanding scientific arguments for their desired policies
- using scientific facts as a substitute for matters of public concern.

*"Scientists are culpable in the misuse of science for policy making by:*

- naivete about expecting scientific evidence to drive policy
- conflating evidence with expert judgment
- playing power politics with their expertise
- combining expert knowledge with values that entangle disputed facts with identity-defining group commitments.

***"In political debates, 'I believe in science' is a statement generally made by people who don't understand much about it.*** They use such statements about science as a way of declaring belief in scientific proposition that is outside their knowledge and understanding. The belief of such individuals in climate change is often more akin to believing in Santa Claus than relating to actual understanding of science.

*"In the context of the climate change, 'I believe in science' uses the overall reputation of science to give authority to the climate change 'consensus', shielding it from questioning and skepticism. 'Belief in science' is a signifier of social group identity that supports massive government legislation to limit or ban fossil fuels. 'Belief in science' makes it appear that disagreement on this solution is equivalent to a rejection of the scientific method and worldview. When exposed*

*to science that challenges their political biases, these same ‘believers’ are quick to claim ‘pseudo-science,’ without considering (or even understanding) the actual evidence or arguments.*

*“On the other side of the climate debate, calls for ‘sound science’ are made that weaponize uncertainty and rigor to make it more difficult to use science in regulatory decision making. Individuals promoting ‘sound science’ work to amplify uncertainty, create doubt and undermine scientific discoveries that threaten their interests. **The ‘sound science’ tactic exploits a fundamental feature of the scientific process: science does not produce absolute certainty but is provisional and subject to change in the face of new evidence.**”* [Boldface added.]

Call it Scientization, Groupthink, or Bureaucratic Science, TWTW agrees and looks forward to a more complete discussion of this important issue from Curry. See link under Seeking a Common Ground.

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**Diseased Electrical Grids:** Thanks to the public never having a vote in the 2008 Climate Change Act, the UK is further along with the crippling effects of unreliable electricity than the US, with the possible exception of California. Due to its reliance on solar power, despite soaring prices, California will face problems from blackouts on hot afternoons and evenings when the sun goes down and consumption increases.

Due to its reliance on wind power, the UK will face blackouts on cold, winter nights, when high pressure systems dominate weather patterns. Global Warming Policy Forum Energy Editor John Constable has been writing about the problem for some time. Following another cold snap, Constable has another good essay with a weather map showing an exceptionally large high-pressure system from the mid-North Atlantic to Moscow, centered near the UK. On November 4 & 5, the grid operator, the National Grid, issued System Warnings, requesting existing coal-fired and natural gas-fired plants to fire-up so that the grid will not face a power shortage. If such a shortage occurs the system can crash, causing major damage.

All this is despite the fact that due to increasing electricity prices, consumers and industries are reducing consumption. As Constable writes:

*“The fact that electricity consumption has fallen so far in so short a time should be a matter of deep concern, but it is easily explained. In 2002 subsidies to renewables were trivial, today they are £10 billion per year and still rising. Add to this sum the system management charges and it is no wonder that electricity is becoming unaffordable. This is in effect price rationing.”*

*“Indeed, in a delicious irony, during the very moments of peak demand on the 4th of November, when coal, and pumped storage and aeroderivative OCGT [Open Cycle Gas Turbine, a waste of heat] turbines were propping up a cold windless Britain, we were still paying wind turbines in Scotland a total of £40,000 an hour to reduce output, with a grand total of £500,000 over the 4th of November. And this is in spite of the £1 billion Western Link interconnector between Scotland and England that was designed to prevent such payments.”*

*“It is now plain to see that the UK electricity industry is a chaotic joke, with the consumer and the national interest sacrificed repeatedly to save government face and the revenues of the renewables industry.”*

*“It is unlikely that the Department of Business, Energy and Industrial Strategy (BEIS) has any remaining will power to tackle the situation, and the Secretary of State himself, Alok Sharma, is compromised by his position as chairman of the [UN] COP 26 climate negotiations next year. He will do nothing.”*

Just like a hot evening can be disastrous for California, a cold, still evening can be disastrous for the UK. Politicians are more interested in saving face than addressing problems they face. The UK may have difficulty becoming the Saudi Arabia of wind power as Prime Minister Boris Johnson claimed. See links under Challenging the Orthodoxy and Questioning European Green.

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**New Name, Same Claims:** Corporate Attorney Francis Menton points out that advocates of the US “Green New Deal” have changed the term for their cause to “Zero Carbon Energy Plan.” As with the Green New Deal, this plan will produce the same amount of electricity as fossil fuels, create millions of jobs, at no increase in costs to the consumer? See links under Questioning Green Elsewhere.

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**Number of the Week: Up 1.5%.** According to Tom Bawden of I News:

*“The UK’s solar power capacity increased by just 1.5 per cent to 13,500 megawatts in the past year – representing about 5 per cent of the country’s total electricity generation capacity.”*

These numbers are upsetting green politicians and their backers:

*“These figures are appalling. Growth in solar power is virtually at a standstill. People across the country are crying out for the Government to take urgent action to tackle the climate emergency, yet time and again they fall short,’ said Liberal Democrat spokesperson for the Climate Emergency Sarah Olney.*

*“Greenpeace UK’s chief scientist, Doug Parr, said: ‘These figures are a reminder of the massive opportunity we’re missing. Solar is the cheapest, most popular energy source in the UK, yet a series of cack-handed government interventions have managed to put people off fitting solar panels.’”*

The claim for solar being the cheapest source for energy comes from the International Energy Agency’s World Energy Outlook 2020, which manipulated numbers for claiming increasing carbon dioxide, with increasing photosynthesis, is causing destruction and the report apparently failed to realize that solar power does not work well when it’s cloudy, as in the UK, or at night. See link under Alternative, Green (“Clean”) Solar and Wind.

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## NEWS YOU CAN USE:

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

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

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

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

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

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

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

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

Summary: <https://www.heartland.org/media-library/pdfs/CCR-IIb/Summary-for-Policymakers.pdf>

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

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

<http://store.heartland.org/shop/CCR-II-Fossil-Fuels/>

Download with no charge:

<http://climatechangereconsidered.org/wp-content/uploads/2019/01/Climate-Change-Reconsidered-II-Fossil-Fuels-FULL-Volume-with-covers.pdf>

## **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/>

Download with no charge:

<https://www.heartland.org/policy-documents/why-scientists-disagree-about-global-warming>

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

S. Fred Singer, Editor, NIPCC, 2008

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

## **Global Sea-Level Rise: An Evaluation of the Data**

By Craig D. Idso, David Legates, and S. Fred Singer, Heartland Policy Brief, May 20, 2019

[https://www.heartland.org/\\_template-assets/documents/publications/SeaLevelRiseCCRII.pdf](https://www.heartland.org/_template-assets/documents/publications/SeaLevelRiseCCRII.pdf)

## ***Challenging the Orthodoxy***

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

By W. A. van Wijngaarden and W. Happer, Atmospheric and Oceanic Physics, submitted June 4, 2020

<https://arxiv.org/abs/2006.03098>

Link to prepublication version: <https://arxiv.org/pdf/2006.03098.pdf>

## **How Clouds Hold the Key to Global Warming**

By Ralph Alexander, Science Under Attack, Nov 2, 2020 [H/t GWPF]

<https://www.scienceunderattack.com/blog/2020/11/2/how-clouds-hold-the-key-to-global-warming-64>

## **Pervasive Warming Bias in CMIP6 Tropospheric Layers**

By Ross McKittrick and John Christy, Earth and Space Science, July 15, 2020

<https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2020EA001281>

## **Colder weather and low winds expose UK electricity system weakness**

By John Constable, GWPF Energy Editor, Nov 6, 2020

<https://www.thegwpf.com/colder-weather-and-low-winds-expose-uk-electricity-system-weakness/>

### **Sea level rise and Antarctica**

By Jim Steele, Landscapes and Cycles, Nov 4, 2020

<http://www.landscapesandcycles.net/sea-level-rise-and-antarctica.html>

Link to one paper: Revisiting Antarctic ice loss due to marine ice-cliff instability

By Tamsin L. Edwards, Nature, Feb 6, 2019

<https://www.nature.com/articles/s41586-019-0901-4>

[SEPP Comment: *Explaining possible influences of a negative lapse rate over Antarctica, including warming winds.*]

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

#### **New Project Will Analyze Clouds to Make Future Climate Less Nebulous**

By Sarah Fecht, State of the Planet, Columbia University, Sep 1, 2020

<https://blogs.ei.columbia.edu/2020/09/01/project-clouds-climate-modeling/>

#### **Global food production emissions 'would put Paris agreement out of reach'**

By Fiona Harvey, The Guardian, Nov 5, 2020 [H/t WUWT]

<https://www.theguardian.com/environment/2020/nov/05/global-food-production-emissions-would-put-paris-agreement-out-of-reach>

#### **Scientists aghast as hopes for landslide Biden election victory vanish**

With so many votes cast for Trump in US election, some researchers conclude that they must work harder to communicate the importance of facts, science and truth.

By Jeff Tollefson, Nature, Nov 4, 2020 [H/t Dennis Ambler]

<https://www.nature.com/articles/d41586-020-03120-8>

[SEPP Comment: *After stating researchers "...must work harder to communicate the importance of facts, science and truth." The article quotes Naomi Oreskes who didn't employ these concepts in her famous book.*]

### ***Questioning the Orthodoxy***

#### **Devouring its children**

By John Robson, Climate Discussion Nexus, Nov 4, 2020

<https://climatediscussionnexus.com/2020/11/04/devouring-its-children/>

#### **Terence Corcoran: Tricks and treats from Peter Foster**

Peter Foster's book How Dare You! skewers a long list of Halloweenish characters who for two decades have dominated key areas of public policy

By Terence Corcoran, Financial Post, Oct 30, 2020 [H/t GWPF]

<https://financialpost.com/opinion/terence-corcoran-tricks-and-treats-from-peter-foster>

#### **Global Cooling will kill us all!**

By Andy May, WUWT, Nov 5, 2020

<https://wattsupwiththat.com/2020/11/05/global-cooling-will-kill-us-all/>

#### **The Scientific Method at Work: The Carbon Cycle Revisited**

By Ralph Alexander, Science Under Attack, Oct 19, 2020

<https://www.scienceunderattack.com/blog/2020/10/19/the-scientific-method-at-work-the-carbon-cycle-revisited-63>

### ***After Paris!***

#### **US officially exits Paris climate accord**

By Rebecca Beitsch, The Hill, Nov 4, 2020

<https://thehill.com/policy/energy-environment/524342-us-officially-exits-paris-climate-accord>

#### **America should stay out of Paris**

The Paris agreement is a dangerous affront to democracy. Trump was right to challenge it.

By Ben Pile, Spiked, Nov 5, 2020 [H/t Paul Homewood]

<https://www.spiked-online.com/2020/11/05/america-should-stay-out-of-paris/>

#### **Ditch Paris—and Save America**

By Hayden Ludwig & Kevin Mooney, Nov 4, 2020

[https://www.realclearenergy.org/articles/2020/11/04/ditch\\_parisand\\_save\\_america\\_582938.html](https://www.realclearenergy.org/articles/2020/11/04/ditch_parisand_save_america_582938.html)

#### **A Celebration: U.S. Withdrawal from the Paris Climate Treaty Becomes Official**

By Myron Ebell, Inside Sources, Nov 4, 2020

<https://www.insidesources.com/a-celebration-u-s-withdrawal-from-the-paris-climate-treaty-becomes-official-nov-4/>

### ***Change in US Administrations***

U.S. to be Subject to UN “Climate Conciliation Commission” if Re-Joins Paris Climate Pact  
Paris Climate ‘Accord’ FOIA Case: State Dept. Releases, Withholds Parts of Memo to Sec. John Kerry Requesting Authority to Sign Paris Agreement

By Chris Horner, Government Accountability & Oversight, Oct 20, 2020

<https://govoversight.org/u-s-to-be-subject-to-un-climate-conciliation-commission-if-re-joins-paris-climate-pact/>

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

#### **“China’s Green Offensive”: GAO FOIA Suit Featured in Series**

By Chris Horner, Government Accounting and Oversight, Nov 2, 2020

<https://govoversight.org/chinas-green-offensive-gao-foia-suit-featured-in-series/>

#### **China’s Embargo on Aussie Coal Causes Inferior Grade Mongolian Imports to Surge**

By Eric Worrall, WUWT, Nov 3, 2020

<https://wattsupwiththat.com/2020/11/03/chinas-embargo-on-aussie-coal-causes-inferior-grade-mongolian-imports-to-surge/>

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

#### **Science and politics**

By Judith Curry, Climate Etc. Oct 26, 2020

<https://judithcurry.com/2020/10/26/science-and-politics/#more-26687>

#### **Large, deep Antarctic Ozone Hole persisting into November**

By Theo Stein for NOAA News, Washington DC (SPX), Nov 02, 2020

[https://www.spacedaily.com/reports/Large\\_deep\\_Antarctic\\_Ozone\\_Hole\\_persisting\\_into\\_November\\_999.html](https://www.spacedaily.com/reports/Large_deep_Antarctic_Ozone_Hole_persisting_into_November_999.html)

#### **We Have Ceded Too Much Moral Authority To The Federal Government**

By Jane Menton, Manhattan Contrarian, Oct 31, 2020

<https://www.manhattancontrarian.com/blog/2020-10-31-we-have-ceded-too-much-moral-authority-to-the-federal-government>

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

#### **Covid, Climate Change, and Government Coercion**

By Rupert Darwall, Real Clear Energy, Nov 3, 2020

[https://www.realclearenergy.org/articles/2020/11/03/covid\\_climate\\_change\\_and\\_government\\_coercion\\_582892.html](https://www.realclearenergy.org/articles/2020/11/03/covid_climate_change_and_government_coercion_582892.html)

#### **COVID: Sweden's Experiment Didn't Work, Belgium Is A Basket Case, And U.S. Isn't As Bad As We Think**

By Alex Berezow, ACSH, Nov 3, 2020

<https://www.acsh.org/news/2020/11/03/covid-swedens-experiment-didnt-work-belgium-basket-case-and-us-isnt-bad-we-think-15125>

#### **Six reasons the new lockdown is a deadly mistake**

By Matt Ridley, Rational Optimist, Oct 31, 2020

<http://www.rationaloptimist.com/blog/the-new-lockdown-is-a-deadly-mistake/>

#### **New Video: You Can't Fool Mother Nature**

By Tony Heller, His Blog, Oct 31, 2020

<https://realclimatescience.com/2020/10/new-video-you-cant-fool-mother-nature/>

[SEPP Comment: Heller demonstrates that usually forest fires do not destroy but regenerate.]

### ***Review of Recent Scientific Articles by CO2 Science***

#### **A Two-and-a-half Century Winter Temperature Reconstruction from Northern China**

Jiang, Y., Liu, C., Zhang, J., Han, S., Coombs, C.E.O., Wang, X., Wang, J., Hao, L. and Dong, S. 2020. Tree ring width-based January-March mean minimum temperature reconstruction from *Larix gmelinii* in the Greater Khingan Mountains, China since AD 1765. *International Journal of Climatology*, DOI: 10.1002/joc.6733. Nov 6, 2020

<http://www.co2science.org/articles/V23/nov/a3.php>

“Jiang also conducted spectral analyses on the data set, finding significant cycles at 2-7, 14.7-15.6, 31.4, 41.8, 62.7 and 125.5 years, which cycles were found to correlate well with ENSO (2-7 years), sunspot activity (14.7-15.6 years), the Pacific Decadal Oscillation (31.4 years), the North Atlantic Oscillation (41.8 and 62.7 years). These significant correlations of well-known climate indices, in the words of the authors, ‘suggested the effects of large-scale ocean-atmospheric variability on regional temperatures in the study area.’ And we would add, the *absence* of any significant rise in temperature since 1940 suggests rising atmospheric CO2 has had *no measurable impact* on winter temperatures in this region.”

#### **A CO2-induced Influence on Aphid Life Parameters**

De Paulo, P.D., Pereira, E.J.G., Oliveira, E.E., Fereres, A. and Garzo, E. 2020. Indirect effect of elevated CO2 concentration on *Bemisia tabaci* MEAM1 feeding on *Bt* soybean plants. *Journal of Applied Entomology*, doi: 10.1111/jen.12822. Nov 4, 2020

<http://www.co2science.org/articles/V23/nov/a2.php>

“Commenting on their several findings, De Paulo et al. conclude, ‘taken together, our results indicate that *Bt* plants cultivated under elevated CO2 inhibit *B. tabaci* feeding, which can reduce

whitefly infestations of the soybean fields.' And that is wonderful news with great implications for future agriculture yields in regions of high whitefly infestations."

### **The Combined Impact of Warming and CO<sub>2</sub> on Peatland Fine-root Growth**

Malhotra, A., Brice, D.J., Childs, J., Graham, J.D., Hobbie, E.A., Stel, H.V., Feron, S.C., Hanson, P.J. and Iversen, C.M. 2020. Peatland warming strongly increases fine-root growth. *Proceedings of the National Academy of Sciences USA* 117: 17,627-17,634. Nov 2, 2020

<http://www.co2science.org/articles/V23/nov/a1.php>

[SEPP Comment: Another experiment contradicting the false fears of climate alarmists that rising temperatures will cause northern peatlands (and tundra) to release significant amounts CO<sub>2</sub>.]

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

#### **Model Failure: 'All Model Runs Warmed Faster Than Observations' ... CO<sub>2</sub> Sensitivity Estimates 'Unrealistically High'**

By Kenneth Richard, No Tricks Zone, Nov 2, 2020

<https://notrickszone.com/2020/11/02/model-failure-all-model-runs-warmed-faster-than-observations-co2-sensitivity-estimates-unrealistically-high/>

### ***Model Issues***

#### **CMIP6: the next generation of climate models explained**

By Zeke Hausfather, Carbon Brief, Dec 2, 2019, updated Nov 5, 2020

[https://www.carbonbrief.org/cmip6-the-next-generation-of-climate-models-explained?utm\\_campaign=Carbon%20Brief%20Weekly%20Briefing&utm\\_content=20201106&utm\\_medium=email&utm\\_source=Revue%20newsletter](https://www.carbonbrief.org/cmip6-the-next-generation-of-climate-models-explained?utm_campaign=Carbon%20Brief%20Weekly%20Briefing&utm_content=20201106&utm_medium=email&utm_source=Revue%20newsletter)

### ***Measurement Issues -- Surface***

#### **Comparing USCRN and nClimDiv to USCHN**

By Andy May, WUWT, Nov 6, 2020

<https://wattsupwiththat.com/2020/11/06/comparing-uscrn-and-nclimdiv-to-uschn/>

### **Recent USHCN Final v Raw Temperature differences**

By Andy May, WUWT, Nov 3, 2020

<https://wattsupwiththat.com/2020/11/03/recent-ushcn-final-v-raw-temperature-differences/>

### **1919 or 1719?**

By John Robson, Climate Discussion Nexus, Nov 4, 2020

<https://climatediscussionnexus.com/2020/11/04/1919-or-1719/>

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

#### **UAH Global Temperature Update for October 2020: +0.54 deg. C**

By Roy Spencer, His Blog, Nov 2, 2020

<http://www.drroyspencer.com/2020/11/uah-global-temperature-update-for-october-2020-0-54-deg-c/>

Link to high resolution map:

[https://www.nsstc.uah.edu/climate/2020/october2020/202010\\_map\\_meb.PNG](https://www.nsstc.uah.edu/climate/2020/october2020/202010_map_meb.PNG)

Link to graph: [https://www.nsstc.uah.edu/climate/2020/october2020/202010\\_bar.png](https://www.nsstc.uah.edu/climate/2020/october2020/202010_bar.png)

### ***Changing Weather***

After nearly a decade away, La Niña weather system is back...

By Staff, UN News, Under Climate Change, Oct 29, 2020 [H/t WUWT]  
<https://news.un.org/en/story/2020/10/1076432>

“Although La Niña typically has a cooling effect on global temperatures, there’s little chance that 2020 will buck the trend of increasingly warm years, however.

“That’s because of all the heat trapped in our atmosphere by greenhouse gases, said WMO head Petteri Taalas.”

*[SEPP Comment: Doesn’t the head of the WMO realize that atmospheric warming is a fraction of surface warming? Further, the UN ignores its own definition of climate change, sustained over 30 years.*

### **Bureau Of Meteorology: Central, Eastern Tropical Pacific “Coolest Since La Niña Event Since 2012”**

By P Gosselin, No Tricks Zone, Oct 31, 2020

<https://notrickszone.com/2020/10/31/bureau-of-meteorology-central-eastern-tropical-pacific-coolest-since-la-nina-event-since-2012/>

### ***Changing Climate***

#### **The problem of green immorality**

By John Robson, Climate Discussion Nexus, Nov 4, 2020

<https://climatediscussionnexus.com/2020/11/04/the-problem-of-green-immorality/>

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

#### **Study: Ancient people in Turkey adapted to climate change**

News Release, Cornell Chronical, Oct 30, 2020 [H/t GWPF]

<https://news.cornell.edu/stories/2020/10/study-ancient-people-turkey-adapted-climate-change>

Link to paper: Beyond megadrought and collapse in the Northern Levant: The chronology of Tell Tayinat and two historical inflection episodes, around 4.2ka BP, and following 3.2ka BP

By Sturt W. Manning, et al. Plos One, Oct 29, 2020

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0240799>

### ***Changing Seas***

#### **Scientists ‘surprised’ that coral reefs recover after bleaching**

By Staff, ABC News, Via GWPF, Nov 6, 2020

<https://www.thegwpf.com/scientists-surprised-that-coral-reefs-recover-after-bleaching/>

### **New Study Effectively Eliminates Confidence In Human Attribution For Modern Global Warming**

The forcing uncertainties and lack of observational measurements in the top-to-bottom global ocean preclude an assessment that modern warmth is due to anthropogenic activities.

By Kenneth Richard, No Tricks Zone, Nov 5, 2020

<https://notrickszone.com/2020/11/05/new-study-effectively-eliminates-confidence-in-human-attribution-for-modern-global-warming/>

Link to report: Combining Modern and Paleoceanographic Perspectives on Ocean Heat Uptake” Annual Review of Marine Science

Ed by Geoffrey Gibbie, et al. Woods Hole Oceanographic Institution, Review in Advance, Sep 14, 2020

<https://www.annualreviews.org/doi/abs/10.1146/annurev-marine-010419-010844>

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

## **Western & Southern Hudson Bay polar bears experience earliest freeze-up in decades**

By Susan Crockford, Polar Bear Science, Nov 3, 2020

<https://polarbearscience.com/2020/11/03/western-southern-hudson-bay-polar-bears-experience-earliest-freeze-up-in-decades/>

## **There's a lot of ice in the Arctic**

By John Robson, Climate Discussion Nexus, Nov 4, 2020

<https://climatediscussionnexus.com/2020/11/04/theres-a-lot-of-ice-in-the-arctic/>

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

### **Carbon Credits: Irish Farmers Being Paid to Destroy Their Fields**

By Eric Worrall, WUWT, Nov 6, 2020

<https://wattsupwiththat.com/2020/11/06/carbon-credits-irish-farmers-being-paid-to-destroy-their-fields/>

Link to article with photos: Cuilcagh Mountain: Coconut logs form dams to fight climate change

By Conor Macauley, BBC, Nov 6, 2020

<https://www.bbc.com/news/uk-northern-ireland-54831302>

## ***Lowering Standards***

### **Met Office Guilty Of Fake “Wettest Month In London” Claims**

By Paul Homewood, Not a Lot of People Know That, Nov 5, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/11/05/met-office-guilty-of-fake-wettest-month-in-london-claims/>

## **Energy and Race: The Media’s New Intersectionality**

By Rupert Darwall, Real Clear Energy, Nov 03, 2020

[https://www.realclearenergy.org/articles/2020/11/03/energy\\_and\\_race\\_the\\_medias\\_new\\_intersectionality\\_582903.html](https://www.realclearenergy.org/articles/2020/11/03/energy_and_race_the_medias_new_intersectionality_582903.html)

## **CDC Bails on Coronavirus Rules, Goes All In With Democrats**

By Charles Rotter, WUWT, Nov 2, 2020

<https://wattsupwiththat.com/2020/11/02/cdc-bails-on-coronavirus-rules-goes-all-in-with-democrats/>

## **We Have Ceded Too Much Moral Authority To The Federal Government**

By Jane Merton, Manhattan Contrarian, Oct 31, 2020

<https://www.manhattancontrarian.com/blog/2020-10-31-we-have-ceded-too-much-moral-authority-to-the-federal-government>

## **BBC’s Oxford Soggy Month Claims Undermined By The Actual Data!**

By Paul Homewood, Not a Lot of People Know That, Nov 3, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/11/03/bbcs-oxford-soggy-month-claims-undermined-by-the-actual-data/>

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

### **Scientists might say**

By John Robson, Climate Discussion Nexus, Nov 4, 2020

<https://climatediscussionnexus.com/2020/11/04/scientists-might-say/>

## **Trends in hurricane behavior show stronger, slower and farther-reaching storms**

Press Release, by Eric Verbeten, University of Wisconsin-Madison, Oct 30, 2020 [H/t Bernie Kepshire]

<https://phys.org/news/2020-10-trends-hurricane-behavior-stronger-slower.html>

Link to paper: The poleward migration of the location of tropical cyclone maximum intensity  
By James Kossin, et al. Nature, May 14, **2014**

<https://www.nature.com/articles/nature13278>

[SEPP Comment: *The article links to a six-year old study contradicted by the Accumulated Cyclone Energy (ACE) index.*]

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

### **Deloitte: Australia to Lose Trillions Unless We Act on Climate Change**

By Eric Worrall, WTWT, Nov 2, 2020

<https://wattsupwiththat.com/2020/11/02/deloitte-australia-to-lose-trillions-unless-they-act-on-climate-change/>

Link to: A new choice: Australia's climate for growth

By Staff, Deloitte Access Economics, November 2020

<https://www2.deloitte.com/content/dam/Deloitte/au/Documents/Economics/deloitte-au-dae-new-choice-climate-growth.pdf?nc=1>

[SEPP Comment: *Deloitte is a service organization out to sell its consulting services. The report begins with false assumptions similar to the assumptions that the world was about to run out of oil and natural gas by the year 2000. Economists can dream up anything; however, few economists bother to test their dreams against hard evidence. Example: “the Soviet economy is comparable to that of the US.”*]

## **Cold is hot**

By John Robson, Climate Discussion Nexus, Nov 4, 2020

<https://climatediscussionnexus.com/2020/11/04/cold-is-hot/>

## **IDMC: International Climate Refugees are a Myth**

By Eric Worrall, WUWT, Nov 5, 2020

<https://wattsupwiththat.com/2020/11/05/idmc-climate-refugees-are-a-myth/>

“IDMC, the Internal Displacement Monitoring Centre, thinks there are lots of climate refugees, but they mainly stay at home.”

## ***Expanding the Orthodoxy***

### **CLINTEL challenges McKinsey’s climate alarmism**

By David Wojick, CFACT, Nov 3, 2020

<https://www.cfact.org/2020/11/03/clintel-challenges-mckinseys-climate-alarmism/>

## **New York State Value of Carbon Guidance**

Guest post by Roger Caiazza, WUWT, Nov 3, 2020

<https://wattsupwiththat.com/2020/11/03/new-york-state-value-of-carbon-guidance/>

Link to: Value of Carbon Guidance Released for Public Comment

By Staff, The New York State Department of Environmental Conservation, Oct 29, 2020

<https://content.govdelivery.com/accounts/NYSDEC/bulletins/2a86d60>

The Draft Value of Carbon Guidance and supplemental documents are available for review on DEC’s website. The public is encouraged to submit comments until 5 p.m. **Nov. 27, 2020**.  
Comments must be submitted in writing to: Jason Pandich, NYSDEC, 625 Broadway, Albany,

NY12233-1030 or email comments to: climateact@dec.ny.gov; subject line “Comments on Value of Carbon.”

Link to guidance: Reducing Greenhouse Gas Emissions

Limiting Future Impacts of Climate Change

By Staff, Department of Environmental Conservation, Accessed Nov 3

<https://www.dec.ny.gov/energy/99223.html>

### **The Great Reset**

By Paul Homewood, Not a Lot of People Know That, Nov 3, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/11/03/the-great-reset/>

[SEPP Comment: Similar to the UN IPCC, the World Economic Forum has become a collection of economic potentates seeking to control the public.]

### **“Voting is Such a Blunt Instrument”: Britain’s Climate Assembly Report Gathers Momentum**

By Eric Worrall, WUWT, Nov 1, 2020

<https://wattsupwiththat.com/2020/11/01/voting-is-such-a-blunt-instrument-britains-climate-assembly-gathers-momentum/>

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

#### **Britain faces green energy disaster as lack of wind triggers new blackout warning**

By Staff, GWPF & The Times, Nov 4, 2020

<https://www.thegwpf.com/britain-faces-green-energy-disaster-as-lack-of-wind-triggers-blackout-alarm/>

“National Grid last night sent out an urgent call for more power stations to fire up to keep Britain’s lights on today after plant outages and low wind farm output increased the risk of blackouts.”

“The alert and the prospect of Britain relying on polluting coal plants to keep the lights on will raise concerns about energy security. All coal plants are due to close by October 2024, while the government recently committed to a renewed push for offshore wind farms.”

### **GWPF calls for urgent inquiry into rising blackout risk, threatening national security**

Press Release, GWPF, Nov 6, 2020

<https://www.thegwpf.com/gwpf-calls-for-urgent-inquiry-into-rising-blackout-risk-threatening-national-security/>

“The engineering of our electricity industry is a national embarrassment, with National Grid sent into a panic by the first mild frosts of winter, and consumer costs at horrific levels. The renewables policy of the last twenty years is to blame and government must now change course.”

– John Constable

### **First Dutch climate refugees fleeing wind turbines: “The noise is unbearable”**

By Edwin Timmer, De Telegraaf, Via GWPF, Nov 2, 2020

<https://www.thegwpf.com/first-dutch-climate-refugees-fleeing-wind-turbines-the-noise-is-unbearable/>

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

#### **“Experts” Weigh In On The Zero Carbon Energy Plan**

By Francis Menton, Manhattan Contrarian, Nov 3, 2020

<https://www.manhattancontrarian.com/blog/2020-11-3-experts-weigh-in-on-the-biden-energy-plan>

### **US Elections: The ‘Green Wave’ that failed to materialise**

By Staff, NYT, Via GWPF, Nov 11, 2020

<https://www.thegwpf.com/us-elections-the-green-wave-that-failed-to-materialise/>

### ***Funding Issues***

**ANZ bankers kneel to carbon God, betray Australian farmers, miners — “don’t deserve a banking licence”**

By Jo Nova, Nov 1, 2020

<http://joannenova.com.au/2020/11/anz-bankers-kneel-to-carbon-god-betray-australian-farmers-miners-dont-deserve-a-banking-licence/>

### **Why the next financial crisis could be green**

States, banks and big business have gone all in on ‘sustainable’ funny money.

By James Woudhuysen, Spiked, Nov 2, 2020

[https://www.spiked-online.com/2020/11/02/why-the-next-financial-crisis-could-be-green/?utm\\_source=CCNet+Newsletter&utm\\_campaign=57f020e8d8-EMAIL\\_CAMPAIGN\\_2020\\_11\\_02\\_03\\_18\\_COPY\\_01&utm\\_medium=email&utm\\_term=0\\_fe4b2f45ef-57f020e8d8-36447085&mc\\_cid=57f020e8d8&mc\\_eid=f4e33fdd1e](https://www.spiked-online.com/2020/11/02/why-the-next-financial-crisis-could-be-green/?utm_source=CCNet+Newsletter&utm_campaign=57f020e8d8-EMAIL_CAMPAIGN_2020_11_02_03_18_COPY_01&utm_medium=email&utm_term=0_fe4b2f45ef-57f020e8d8-36447085&mc_cid=57f020e8d8&mc_eid=f4e33fdd1e)

### ***Litigation Issues***

#### **Youth-led climate change lawsuit dismissed by Federal Court**

Appeal planned, after case calling for climate change plan fails

By Yvette Brend, CBC News, Oct 27, 2020 [H/t Cooler Heads]

<https://www.cbc.ca/news/canada/british-columbia/climate-change-lawsuit-fails-dismissed-1.5778952>

#### **Oregon Supreme Court rejects climate change lawsuit that cites public trust doctrine**

By Debra Cassens Weiss, ABA Journal, Oct 23, 2020 [H/t Cooler Heads]

<https://www.abajournal.com/news/article/oregon-supreme-court-turns-back-climate-change-lawsuit/>

### ***Energy Issues – Australia***

#### **Age of Un-Reason: How Fear & Ignorance Drives Wind & Solar Worship Cult**

By An Australian Group, Stop These Things, Oct 31, 2020

<https://stopthesethings.com/2020/10/31/age-of-un-reason-how-fear-ignorance-drives-wind-solar-worship-cult/>

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

#### **A Free Market Energy Vision**

By Robert Bradley, Master Resource, Nov 4, 2020

<https://www.masterresource.org/free-market-energy-overview/free-market-energy-vision-2/>

### **Burning Stuff is so 16th Century**

By Kip Hansen, WUWT, Nov 4, 2020

<https://wattsupwiththat.com/2020/11/04/burning-stuff-is-so-16th-century/>

## **Health and environmental experts are coming for your gas stove**

By Hannah Sparks, New York Post, Oct 29, 2020

[https://nypost.com/2020/10/29/health-and-environmental-experts-are-coming-for-your-gas-stove/?utm\\_source=twitter\\_sitebuttons&utm\\_medium=site%20buttons&utm\\_campaign=site%20buttons](https://nypost.com/2020/10/29/health-and-environmental-experts-are-coming-for-your-gas-stove/?utm_source=twitter_sitebuttons&utm_medium=site%20buttons&utm_campaign=site%20buttons)

## **Trump ousts Chatterjee, taps Danly to lead FERC**

By Catherine Morehouse, Utility Dive, Nov 5, 2020

<https://www.utilitydive.com/news/trump-ousts-chatterjee-taps-danly-to-lead-ferc/588526/>

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

### **Trump Signs Order to Protect Fracking, Fossil Fuel Jobs**

By Eric Worrall, WUWT, Nov 1, 2020

<https://wattsupwiththat.com/2020/11/01/trump-signs-order-to-protect-fracking-fossil-fuel-jobs/>

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

### **Powder River Basin coal facing point of no return**

By Greg Johnson Gillette News Record Via Wyoming News Exchange, Oct 26, 2020

[https://www.rawlinstimes.com/news/powder-river-basin-coal-facing-point-of-no-return/article\\_e26f4f03-d24f-50fb-8d80-1a79744e6de3.html](https://www.rawlinstimes.com/news/powder-river-basin-coal-facing-point-of-no-return/article_e26f4f03-d24f-50fb-8d80-1a79744e6de3.html)

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

### **New nuclear plant at Sizewell set for green light**

By Simon Jack, BBC, Nov 1, 2020

<https://www.bbc.com/news/business-54754016>

## **UK fusion experiment used in hunt for clean energy**

By Paul Rincon, BBC, Oct 31, 2020

<https://www.bbc.com/news/science-environment-54741375>

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

### **Solar panel installations by homeowners and power companies plummet after subsidy cuts**

By Tom Bawden, I News, Nov 4, 2020

<https://inews.co.uk/news/environment/solar-panel-installations-homeowners-power-companies-plummet-749069>

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

### **Spanish Researchers Claim a Green Hydrogen Breakthrough**

By Eric Worrall, WUWT, Nov 4, 2020

<https://wattsupwiththat.com/2020/11/04/spanish-researchers-claim-green-hydrogen-breakthrough/>

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

### **No Gasoline Cars after 2035**

By Donn Dears, Power For USA, Nov 4, 2020

<https://ddears.com/2020/11/04/no-gasoline-cars-after-2035/>

## **Carmakers turn to creative bookkeeping to meet EU CO2 goals**

By Sam Morgan, EURACTIV.com, Nov 3, 2020 [H/t Dennis Ambler]

<https://www.euractiv.com/section/transport/news/carmakers-turn-to-creative-bookkeeping-to-meet-eu-co2-goals/>

### ***California Dreaming***

**Latino Leaders Are Fighting California's 'Unbelievably Regressive' Climate Policies**

By Robert Bryce, Forbes, Nov 1, 2020

<https://www.forbes.com/sites/robertbryce/2020/11/01/latino-leaders-are-fighting-californias-unbelievably-regressive-climate-policies/?sh=88a88f44a420>

### ***Health, Energy, and Climate***

**WHO Presses for More Action on Climate Change**

By Eric Worrall, WUWT, Nov 5, 2020

<https://wattsupwiththat.com/2020/11/05/who-presses-for-more-action-on-climate-change/>

### ***Other News that May Be of Interest***

**A Rainbow Without Colors: The Rare Fog Bow is Seen in Seattle**

By Cliff Mass, Weather Blog, Nov 2, 2020

<https://cliffmass.blogspot.com/2020/11/a-rainbow-without-colors-rare-fog-bow.html>

**Tonight! A Rare Blue, Micro-moon on Halloween!**

By Cliff Mass, Weather Blog, Oct 31, 2020

<https://cliffmass.blogspot.com/2020/10/tomorrow-rare-blue-micro-moon-on.html>

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## **BELOW THE BOTTOM LINE**

**Claim: Fracking will increase radon down wind**

By Warren Kindzierski and Stanley Young, WUWT, Nov 2, 2020

<https://wattsupwiththat.com/2020/11/02/claim-fracking-will-increase-radon-down-wind/>

[SEPP Comment: By miniscule amounts?]

**Giant iceberg floating toward island in the Atlantic Ocean, could endanger wildlife**

By Rachel Frazin, The Hill, Nov 4, 2020

<https://thehill.com/policy/energy-environment/524455-giant-iceberg-floating-toward-island-in-the-atlantic-ocean-could>

**Perhaps the dumbest article title ever: "The Arctic hasn't been this warm for 3 million years" ... AEUHHH???**

By David Middleton, WUWT, Nov 6, 2020

<https://wattsupwiththat.com/2020/11/06/perhaps-the-dumbest-article-title-ever-the-arctic-hasnt-been-this-warm-for-3-million-years-aeuhhh/>

**William Can't Sleep Because Of Climate Change!**

By Paul Homewood, Not a Lot of People Know That, Nov 3, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/11/03/william-cant-sleep-because-of-climate-change/>

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## **ARTICLES**

## New York Banks Need to Brace for Climate Change, Regulator Says

New York State Department of Financial Services superintendent warns of unprecedented financial risks from climate change

By Dieter Holger, WSJ, Oct 29, 2020

<https://www.wsj.com/articles/new-york-banks-need-to-brace-for-climate-change-regulator-says-11603988421>

TWTW Summary: According to the article:

*"A New York state regulator set expectations for banks and other financial companies to prepare for risks arising from climate change, and the transition away from fossil fuels.*

*"Financial risks from climate change are unprecedented,' said Linda Lacewell, superintendent of the New York State Department of Financial Services, in a letter sent to New York-based banks on Thursday.*

*"Ms. Lacewell pointed to two dangers that analysts say banks and other financial companies face from climate change: physical risks and transition risks. Physical risks are damages from severe weather caused by climate change, while transition risks arise when banks are too reliant on fossil-fuel financing jeopardized by government policies and changing energy habits. Transition risks include so-called stranded assets—like coal and oil—that turn out to be worth less than expected due to the world's shift to cleaner energy.*

*"More than half of all syndicated lending at major U.S. banks is exposed to significant climate-change risk, which could result in more than \$100 billion in losses, according to a report published in October by sustainable-finance nonprofit Ceres.*

*"Formed in 2011 as a merger between the New York State Insurance Department and New York State Banking Department, the DFS regulates around 1,500 banks and other financial groups managing more than \$2.6 trillion in assets. It also regulates nearly 1,800 insurers with assets totaling more than \$4.7 trillion. Last month, Ms. Lacewell sent a letter to insurers that carried a similar set of expectations.*

*"She recommended banks take steps across their governance, risk management and business strategies to better prepare for climate change though these approaches should be based on the size and complexity of the bank.*

*"They include putting a board member, board committee and a senior official in charge of reviewing financial risks from climate change and disclosing through frameworks like the Michael Bloomberg-backed Task Force on Climate-Related Financial Disclosures, which has been cited by other regulators world-wide. Ms. Lacewell didn't threaten any repercussions for not following these guidelines."*

The article concludes with the results of a poll, without disclosing the questions. Such polls are easily manipulated. The real risk is not from human-caused climate change, but from regulators using it for expanding power.

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