

**The Week That Was: 2020-05-30 (May 30, 2020)**  
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**The Science and Environmental Policy Project**

**Quote of the Week:** *“It is a pleasure to stand upon the shore, and to see ships tost upon the sea: a pleasure to stand in the window of the castle and to see the battle and the adventures thereof below: but no pleasure is comparable to the standing upon the vantage ground of truth (a hill not to be commanded and where the air is always clear and serene), and to see the errors, and wanderings, and mists, and tempests, in the vale below.’ so always that this prospect be with pity, and not with swelling or pride.” – Of Truth, Francis Bacon (1625)*

**Number of the Week:** 140% more than [of] a very small number is still a very small number

**THIS WEEK:**

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

**Political Rhetoric:** Writing in the *Wall Street Journal*, Todd Myer, the author of “Eco-Fads: How the Rise of Trendy Environmentalism Is Harming the Environment” discusses how certain politicians use the term science without any special meaning. Myer states:

*“The word ‘science’ has been hollowed out by politicians, who have stripped it of its substance and power and replaced them with emotional pabulum. These politicians discard the scientific method and deploy the term merely as a weapon against their opponents.”*

After discussing an example by Washington State Governor Jay Inslee, Myer states further:

*“When the governor and other politicians refer to ‘the science,’ they rarely point to actual science. It is a bluff designed to imply that their chosen policy is based on more than guesswork and politics.*

*“In his 2015 book, ‘Government That Works,’ John Bernard—a onetime member of Mr. Inslee’s transition team and the nation’s leading expert on using data to improve government management—approvingly quotes a physician-politician who observes that ‘the lack of measures in government allows political leaders to play a blame game with no way to verify whose rhetoric is accurate.’ On both climate change and the Covid-19 crisis, Mr. Inslee has either refused to provide real measures or has changed the metrics when they became politically inconvenient.*

*“For a while, Mr. Inslee claimed he supported using objective metrics to improve government performance. After he took office, he launched Results Washington, a program he said was designed to set data-driven targets for many areas of public policy. For example, he set targets for policies designed to reduce CO2 emissions from cars, buildings, and energy. By the beginning of 2018, five years into Mr. Inslee’s governorship, his administration was missing nearly every target.*

*“Soon before Mr. Inslee announced his 2020 presidential campaign—based almost entirely on fighting climate change—the embarrassing metrics were removed from the state webpage. After the Washington Policy Center highlighted this, a reporter from the Seattle Times asked the head of Results Washington about it. The agency director answered: ‘The **new dashboards** also represent*

*a shift away from the old data-only approach to a more human-centered approach that incorporates narratives.’ Replacing data with ‘narratives’—story telling—is practically the definition of unscientific. It is exactly what Mr. Bernard’s book warned about: eliminating measures and replacing them with political rhetoric. It’s one reason Mr. Bernard has expressed disappointment with Mr. Inslee’s management.*

After discussing how meaningless the Covid-19 dashboard has become, Meyer states:

*“Ironically, a Bloomberg interview with the governor this month about his response to the coronavirus referred to his work on climate change. The headline: ‘Fighting Climate Change Prepared Jay Inslee for a Pandemic.’ That’s partly correct: **His use of ‘science’ as a rhetorical tool, rather than a guide, is similar in both cases.***

*“The history of the past seven years indicates that Mr. Inslee **uses the word ‘science’ mostly to construct a rhetorical Potemkin village: a facade that conceals the lack of substance behind his decisions while giving the public something nice to look at.***

***“By hiding the data on Washington’s climate goals and refusing to reveal the scientific basis for its current coronavirus guidelines, the governor is substituting a political blame game for real measurements.”***

After another example, Myer concludes:

*“Numbers speak for themselves. When the numbers tell the wrong story, politicians retreat into **narratives** that they pretend are science.*

*“Mr. Inslee isn’t unique, but the national attention he has received for his work on climate change and now the coronavirus make him a prime example of how prominent politicians use the word ‘science’ to mask their motives in managing health and environmental challenges.” [Boldface added to the above]*

Tricks such as meaningless dashboards and other political rhetoric are becoming common to many once distinguished scientific organizations, such as the UK Met Office, discussed below. See Article # 1.

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**State of the Climate – Physical Evidence:** In sharp contrast to political rhetoric, Ole Humlum a former Professor of Physical Geography at the University Centre in Svalbard, Norway, and Emeritus Professor of Physical Geography, University of Oslo, reported “The State of the Climate 2019,” published by the Global Warming Policy Foundation. It is based on data, not model speculation. In the Executive Summary Humlum presents ten key facts:

*“1. According to the [surface] instrumental temperature record (since about 1850), 2019 was a very warm year, but cooler than 2016.*

*2. In 2019, the average global air temperature was affected by a moderate El Niño episode, interrupting a gradual global air temperature decrease following the strong 2015–16 El Niño.*

*3. Since 1979, lower troposphere temperatures have increased over both land and oceans, but more so over land areas. The possible explanations include insolation, cloud cover and land use.*

4. *The temperature variations recorded in the lowermost troposphere are generally reflected at higher altitudes too. In the stratosphere, however, a temperature 'pause' commenced in around 1995, 5–7 years before a similar temperature 'pause' began in the lower troposphere near the planet's surface. The stratospheric temperature 'pause' has now persisted for about 25 years.*

5. *The 2015–16 oceanographic El Niño was among the strongest since the beginning of the record in 1950. Considering the entire record, however, recent variations between El Niño and La Niña are not unusual.*

6. *Since 2004, when detailed recording of ocean temperatures began, the global oceans above 1900 m depth have, on average, warmed somewhat. The strongest warming (between the surface and 200 m depth) mainly affects the oceans near the Equator, where the incoming solar radiation is at its maximum. In contrast, for the North Atlantic, net cooling at the surface has been pronounced since 2004.*

7. *Data from tide gauges all over the world suggest an average global sea-level rise of 1–1.5 mm/year, while the satellite record suggests a rise of about 3.2 mm/year, or more. The noticeable difference in rate (a ratio of at least 1:2) between the two data sets still has no broadly accepted explanation.*

8. *Since 1979, Arctic and Antarctic sea-ice extents have had opposite trends, decreasing and increasing, respectively. Superimposed on these overall trends, however, variations of shorter duration are also important in understanding year-to-year variations. In the Arctic, a 5.3-year periodic variation is important, while for the Antarctic a variation of about 4.5-years' duration is seen. Both these variations reached their minima simultaneously in 2016, which explains the simultaneous minimum in global sea-ice extent. This particularly affected Antarctic sea-ice extent in 2016.*

9. *Northern Hemisphere snow cover extent undergoes important local and regional variations from year to year. Since 1972, however, snow extent has been largely stable.*

10. *Tropical storms and hurricanes have displayed large annual variations in accumulated cyclone energy (ACE) since 1970, but there has been no overall trend towards either lower or higher activity. The same applies for the number of continental hurricane landfalls in the USA, in a record going back to 1851."*

Of particular interest to TWTW are the two different temperature records for lower troposphere (#3 & #4) and the different trends in sea levels depending upon the instruments making the measurements (#7).

In 2017, Remote Sensing Systems (RSS) adjusted their data showing an increase in warming ostensibly to compensate for orbital drift. University of Alabama in Huntsville (UAH) did not because Roy Spencer and John Christy had previously recognized the drift and adjusted for it based upon measurements.

After explaining the adjustments, Spencer concluded:

*“The bottom line is that we still trust our methodology. But no satellite dataset is perfect, there are uncertainties in all of the adjustments, as well as legitimate differences of opinion regarding how they should be handled.*

*“Also, as mentioned at the outset, both RSS and UAH lower tropospheric trends are considerably below the average trends from the climate models.*

*“And that is the most important point to be made.”*

On Humlum’s point # 7 regarding different rates of sea level rise:

The April 25, 2020 TWTW presented the different rates in sea level rise depending the instruments used in measurement. These were discussed in the Journal of Marine Geodesy in presenting sea level rise in geologically stable Newlyn, England. The rate of increase in the short-term satellite data (1993-2014) is less than the variation found in the long-term tidal gage data (1915-2014), although the measured rate was greater. Rather than misleading the public by combining the two, without calibration, and declaring an acceleration; Humlum honestly states this is a problem yet to be resolved.

Among other major points Humlum brings up are the following:

*“We can detect a great deal of heat rising from the bottom of the oceans. This obviously cannot be anything to do with human activity. So, although people say the oceans are warming, in reality there is still much to learn.”*

*“We have learned in recent months about the potentially high cost of leaping to conclusions. We must take more care in our response to small changes in the climate.”*

See links under Challenging the Orthodoxy and

<http://www.drroyspencer.com/2017/07/comments-on-the-new-rss-lower-tropospheric-temperature-dataset/> and <http://www.drroyspencer.com/wp-content/uploads/APJAS-2016-UAH-Version-6-Global-Satellite-Temperature-Products-for-blog-post.pdf> which links to the UAH

paper. For Newlyn tidal gage data:

<https://www.tandfonline.com/doi/full/10.1080/01490419.2015.1121175>

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**What Distinct Human Fingerprint?** After peer review, the leadership of the UN Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (AR-2, 1995) inserted a graph claiming to show a distinct human fingerprint, pronounced warming over the tropics between 7 and 14 km (between 23,000 and 46,000 feet). Within weeks of publication, the late Frederic Seitz wrote in the Wall Street Journal:

*“In my more than 60 years as a member of the American scientific community, including service as president of both the National Academy of Sciences and the American Physical Society, I have never witnessed a more disturbing corruption of the peer-review process than the events that led to this IPCC report.”*

Of course, Seitz was rebutted by the leadership of the IPCC and its followers. Even though no one has been able to find the distinct human fingerprint, the IPCC, and its followers such as the US

Global Change Research Program (USGCRP) have retained it. Now it appears to be disappearing from the political rhetoric. Will it disappear from the climate models?

In a wonderful example of what Myers, above, calls replacing evidence with political rhetoric, including dashboards, the UK Met Office has declared that the human fingerprint is everywhere. Paul Homewood addresses some of the weaknesses of the new dashboard. See links under Challenging the Orthodoxy and Defending the Orthodoxy.

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**Climate Velocity?** A paper published in Nature Climate Change brings up more political rhetoric – climate velocity is changing – based on narratives from the IPCC Assessment Reports.

One can wonder what the climate velocity was during the Younger Dryas (12,900 to 11,700 years ago) when the world returned to glacial conditions after warming for about 5,000 years, then suddenly warmed again? According to estimates from Greenland ice cores, the temperature swings were about 15 °C or about 27 °F. See links under Defending the Orthodox.

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**Dinosaur-Dooming:** Another example of disguising crucial facts with political rhetoric appeared in an article in Nature Communications, discussing the estimated angle of the asteroid hitting off Mexico in the Gulf of Mexico creating a crater, covered by water, known as Chicxulub. The abstract states:

*“A steeply-inclined impact produces a nearly symmetric distribution of ejected rock and releases **more climate-changing gases** per impactor mass than either a very shallow or near-vertical impact.”* [Boldface added]

The article states:

*“Such a strike likely unleashed billions of tonnes of sulphur, blocking the sun and triggering the nuclear winter that killed the dinosaurs and 75 per cent of life on Earth 66 million years ago.”*

So, the climate-changing gases killing the dinosaurs caused a global cooling. However, the climate change gases the political rhetoric claims we must fear cause warming. If both warming and cooling are to be feared, then we must understand both causes. The IPCC and its followers ignore causes of global cooling. See links under Communicating Better to the Public – Use Yellow (Green) Journalism?

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**Uncertainty:** The IPCC and its followers express great certainty in their work, which is unjustified. They frequently state “the science is settled,” even though it is not. For example, the greenhouse theory is not well developed as it applies to the globe.

By contrast, in astrophysics, significant uncertainty is common and well noted. For over 20 years, astronomers have been seeking about half the ordinary matter making up the universe. [The missing ordinary matter is different than the invisible, unidentified dark matter that makes up most of the mass in the universe. Dark matter does not absorb, reflect, or emit light, thus cannot be detected by observing electromagnetic radiation.] The missing ordinary matter is made up of ordinary particles such as protons and neutrons, called baryons.

Now, using an ensemble of telescopes in the desert of Australia, cosmologists believe they may have observed the missing ordinary matter between galaxies by observing how the velocity of

radio waves change in “empty space.” The radio waves are caused by mysterious blasts which no one can explain. See links under Other Scientific News.

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**Not Disney Too!** Among others, Susan Crockford has debunked the documentaries of walruses falling to their deaths from overcrowding caused by disappearing sea ice. Thus, parts of the documentaries are “fake news.”

According to the Alaska Fish & Wildlife News, the 1950s Disney documentary of lemmings herding together and committing mass suicide by jumping into the ocean is fake. A 1983 investigation by the Canadian Broadcasting Corporation, among other things, that the film was shot in Alberta, which has no ocean coastline and the lemmings were thrown over a cliff along a river. A picture may be worth a thousand words, but it may be misleading as well. See links under Below the Bottom Line.

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### SEPP’S APRIL FOOLS AWARD THE JACKSON

Since 2012, SEPP conducted an 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.

The eight past recipients, Lisa Jackson (12), Barrack Obama (13), John Kerry (14), Ernest Moniz (15), Michael Mann (16), Christiana Figueres (17), Jerry Brown (18), and AOC (19) are not eligible. Generally, the committee that makes the selection prefers a candidate with a national or international presence. The voting will close on June 30. Please send your nominee and a brief reason why the person is qualified for the honor to Ken@SEPP.org. Thank you.

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**Number of the Week: 140% more than a very small number is still a very small number.**

When RSS increased its estimates of atmospheric temperature of temperature change by 40%, the Carbon Brief website made a big deal of it. Roy Spencer commented at the time: 140% more than a very small number is still a very small number. It may have been more correct to say: a 40% increase of a trivial number is still trivial. See link

<http://www.drroyspencer.com/2017/07/comments-on-the-new-rss-lower-tropospheric-temperature-dataset/>

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### NEWS YOU CAN USE:

***Science: Is the Sun Rising?***

**New Study: Region’s Climate Aligns With Solar Forcing – Today’s ‘Natural’ Warm Period Will Last ‘Some More Decades’**

By Kenneth Richard, No Tricks Zone, May 25, 2020

<https://notrickszone.com/2020/05/25/new-study-regions-climate-aligns-with-solar-forcing-todays-natural-warm-period-will-last-some-more-decades/>

Link to paper: Pollen-based Holocene quantitative temperature reconstruction on the eastern Tibetan Plateau using a comprehensive method framework

By Liang, et al. Science China: Earth Sciences, Apr 26, 2020

<http://engine.scichina.com/publisher/scp/journal/SCES/doi/10.1007/s11430-019-9599-y?slug=fulltext>

### ***Commentary: Is the Sun Rising?***

#### **29 Bullet Points Proving the Sun Causes Global Warming, Not CO2:**

By Geologist Roger Higgs, Electroverse, Mar 11, 2020

<https://electroverse.net/29-bullet-points-proving-the-sun-causes-global-warming-not-co2/>

### ***Censorship***

#### **Youtube censorship gone wild removing Michael Moore's documentary**

By Jo Nova, Her Blog, May 27, 2020

<http://joannenova.com.au/2020/05/youtube-censorship-gone-wild-removing-michael-moores-documentary/>

“Moore put it on Vimeo, but searching there finds nothing too. Has Vimeo been ‘got to’?”

“Doesn't matter, because Moore's now moved to Bitchute.”

<https://www.bitchute.com/video/KQnVEMOOYuJd/>

#### **“Old Data” Is a Lie**

By Jeff Gibbs, writer, director, and producer of Planet of the Humans, May 18, 2020 [H/t Dennis Ambler]

<https://planetofthehumans.com/2020/05/18/old-data-is-a-lie/>

“What the eco-industrial complex wants to steer you away from is the reality that all of their ‘ever-improving, better, more advanced’ technologies now, in the past, and in the future will depend on a giant, planet-wrecking industrial civilization.”

#### **‘Planet Of The Humans’ EP Michael Moore & Director Jeff Gibbs Blast “Blatant Censorship” After Controversial Documentary Yanked From YouTube**

By Staff, Deadline, Via GWPF, May 26, 2020

<https://www.thegwpf.com/planet-of-the-humans-ep-michael-moore-director-jeff-gibbs-blast-blatant-censorship-after-controversial-documentary-yanked-from-youtube/>

According to writer-producer Jeff Gibbs: “It is a misuse of copyright law to shut down a film that has opened a serious conversation about how parts of the environmental movement have gotten into bed with Wall Street and so-called ‘green capitalists.’ There is absolutely no copyright violation in my film.”

#### **Reuters Fake Factcheck**

By Paul Homewood, Not a Lot of People Know That, May 29, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/28/reuters-fake-factcheck/#more-44976>

#### **Claim: Aussie Fire Chiefs “gagged”, Ordered not to Talk about Climate Change**

By Eric Worrall, WUWT, May 27, 2020

<https://wattsupwiththat.com/2020/05/27/claim-aussie-fire-chiefs-gagged-ordered-not-to-talk-about-climate-change/>

### ***Suppressing Scientific Inquiry***

#### **Peter Ridd case: JCU appeals for their right to threaten and scare staff and ignore potential fraud**

By Jo Nova, Her Blog, May 26, 2020

<http://joannenova.com.au/2020/05/jcu-appeals-the-peter-ridd-unfair-dismissal-win-today-and-tomorrow/>

#### **The Heretic: Inside Peter Ridd's fight for freedom of speech on climate change**

By The Institute of Public Affairs, Accessed May 26, 2020 [H/t WUWT]

<https://ipa.org.au/theheretic>

Extensive interviews.

### ***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/>

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***

#### **The Reassuring Facts About The Climate In 2019**

By Staff, GWPF, May 26, 2020

<https://www.thegwpf.com/the-reassuring-facts-about-the-climate-in-2019/>

Link to report: The State of the Climate 2019

By Ole Humlum, GWPF, 2020

<https://www.thegwpf.org/content/uploads/2020/05/State-of-the-climate-2019.pdf>

#### **‘The human fingerprint is everywhere’: Met Office’s alarming warning on climate**

By Paul Homewood, Not a Lot of People Know That, May 29, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/29/the-human-fingerprint-is-everywhere-met-offices-alarming-warning-on-climate/#more-44994>

[SEPP Comment: See first link under Defending the Orthodoxy.]

#### **The importance of red teams**

“The first principle is that you must not fool yourself—and you are the easiest person to fool.” — Richard Feynman

By Peter Attia, His Blog, May 24, 2020 [H/t GWPF]

<https://peterattiamd.com/the-importance-of-red-teams/>

“Red teaming is more of a mindset to maintain topically, rather than an obscure tactic to pull out for special occasions. Charlie Munger, Warren Buffett’s right-hand man, encapsulated this mental model during his 2007 USC Law School commencement address: **‘I’m not entitled to have an opinion on [a] subject unless I can state the arguments against my position better than the people do who are supporting it.’**” [Boldface added]

#### **Net-Zero Emissions Plans for Economy Are ‘Madness,’ Engineering Expert Claims**

Decarbonization would be 'ruinous of our current standards of living,' Cambridge professor of technology says

By Alan McDonnell, The Epoch Times, May 27, 2020

[https://www.theepochtimes.com/net-zero-plans-to-decarbonize-economy-madness-claims-engineering-expert\\_3358591.html](https://www.theepochtimes.com/net-zero-plans-to-decarbonize-economy-madness-claims-engineering-expert_3358591.html)

Link to paper: Electrifying the UK and the want of engineering (pdf)

By Michael Kelly, GWPF, May 2020

<https://www.thegwpf.org/content/uploads/2020/05/KellyDecarb-1.pdf>

#### **Judge finds fact-faking Facebook “fact-check” false**

By Christopher Monckton, WUWT, May 28, 2020

<https://wattsupwiththat.com/2020/05/28/judge-finds-fact-faking-facebook-fact-check-false/>

#### **Man-Made Global Warming Destroyed in 500 Words**

By Geologist Roger Higgs, Electroverse.net, May 27, 2020 [H/t Climate Depot]

<https://electroverse.net/man-made-global-warming-destroyed-in-500-words-by-dr-roger-higgs/>

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

#### **'The human fingerprint is everywhere': Met Office's alarming warning on climate**

Exclusively compiled data from the Hadley Centre’s supercomputer shows alarming climate trajectory

By Jonathan Watts, The Guardian, May 27, 2020 [H/t Bernie Kepshire]

<https://www.theguardian.com/environment/2020/may/27/hadley-climate-centre-turns-30-the-human-fingerprint-is-everywhere>

Link to: Climate Dashboard: Tracking the Changing Climate with Earth Observations

By Staff, Met Office, UK, Accessed May 29, 2020

<https://www.metoffice.gov.uk/hadobs/monitoring/dashboard.html>

### **Charles Calls For Emissions To Be Kept At COVID Levels**

By Paul Homewood, Not a Lot of People Know That, May 25, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/25/charles-calls-for-emissions-to-be-kept-at-covid-levels/>

*[SEPP Comment: Prince Charles does not have to earn a living.]*

### **Both conservatives and liberals want a green energy future, but for different reasons**

By Deidra Miniard, et al, The Conversation, May 5, 2020 [H/t WUWT]

<https://theconversation.com/both-conservatives-and-liberals-want-a-green-energy-future-but-for-different-reasons-134534>

Link to paper: Shared vision for a decarbonized future energy system in the United States

By Miniard, Kantenbacher and Attari PNAS, Mar 16, 2020

<https://www.pnas.org/content/117/13/7108>

*[SEPP Comment: Ignores that wind and solar are not reliable.]*

### **Climate change in deep oceans could be seven times faster by middle of century, report says**

Uneven heating could have major impact on marine wildlife, as species that rely on each other for survival are forced to move

By Graham Readfearn, The Guardian, May 25, 2020 [H/t Bernie Kepshire]

<https://www.theguardian.com/environment/2020/may/26/climate-change-in-deep-oceans-could-be-seven-times-faster-by-middle-of-century-report-says>

Link to paper: Climate velocity reveals increasing exposure of deep-ocean biodiversity to future warming

By Isaac Brito-Morales, et al, Nature Climate Change, May 25, 2020

<https://www.nature.com/articles/s41558-020-0773-5>

### **There is no escaping from climate change, even in the deep sea**

News Release, Hokkaido University, May 25, 2020 [H/t WUWT]

[https://www.eurekaalert.org/pub\\_releases/2020-05/hu-tin052220.php](https://www.eurekaalert.org/pub_releases/2020-05/hu-tin052220.php)

"Our results suggest that deep sea biodiversity is likely to be at greater risk because they are adapted to much more stable thermal environments," says Jorge Garcia Molinos, a climate ecologist at Hokkaido University's Arctic Research Center, who contributed to the study.

*[SEPP Comment: More on climate velocities from the University of Queensland in Australia and Hokkaido University in Japan.]*

### **Why 'Irresponsible' Governments Are Failing To Protect Citizens From Covid-19, Climate Change**

By David Vetter, Forbes, May 26, 2020 [H/t WUWT]

<https://www.forbes.com/sites/davidrvetter/2020/05/26/why-irresponsible-governments-are-failing-to-protect-citizens-from-covid-19-climate-change/#7ef16fe77f75>

"The U.S., the U.K. and Brazil have been 'nothing but irresponsible' in their isolationist approaches to the coronavirus crisis, and such stances will weaken the global response to climate

change, climate action advocate Christiana Figueres has said. At the same time, she claimed, the pandemic had created an opportunity to **‘reinvent’ the economy in a way that valued sustainable outcomes over growth.**” [Boldface added]

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

#### **It's gone**

By John Robson, Climate Discussion Nexus, May 27, 2020

<https://climatediscussionnexus.com/2020/05/27/its-gone/>

“Think of something you like. Well, climate change will destroy it. It doesn’t matter what it is, from a Louisiana wetland to fine French wine. Global warming is coming for it.”

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

#### **UK proposes new date for delayed climate change summit**

The event, at Glasgow's SEC, has been postponed from this November because of the coronavirus pandemic.

By Staff, STV News, May 27, 2020

<https://news.stv.tv/west-central/uk-proposes-new-date-for-delayed-climate-change-summit?top>

“In a letter to UN member states, the UK has proposed the Cop26 talks, which were originally due to be held in Glasgow in November 2020, could be moved to November 1-12 2021.”

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

#### **Trump: US 'terminating' relationship with WHO**

By Morgan Chalfant, The Hill, May 29, 2020

<https://thehill.com/homenews/administration/500161-trump-us-terminating-relationship-with-who>

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

#### **Pacific Island states will no longer play the patsies for the climate alarmists**

By Craig Kelly, Spectator Australia, May 25, 2020

<https://www.spectator.com.au/2020/05/pacific-island-states-will-not-longer-play-the-patsies-for-the-climate-alarmists/>

#### **Bust-up over climate weighs on EU-UK talks, risks trade rifts**

By Gabriela Baczynska and Kate Abnett, Reuters, May 22, 2020

<https://uk.reuters.com/article/us-britain-eu-climate/bust-up-over-climate-weighs-on-eu-uk-talks-risks-trade-rifts-idUKKBN2311A2>

#### **Sir David Attenborough: “Coronavirus pandemic has swept climate change off the front pages”**

By Eric Worrall, WUWT, May 26, 2020

<https://wattsupwiththat.com/2020/05/26/david-attenborough-coronavirus-pandemic-has-swept-climate-change-off-the-front-pages/>

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

#### **When does government intervention make sense for COVID-19?**

By Nic Lewis, Climate Etc. May 29, 2020

<https://judithcurry.com/2020/05/29/when-does-government-intervention-make-sense-for-covid-19/>

### **Prioritizing climate over pandemics**

We need a full accounting of what was spent preparing for the ‘climate crisis’ versus COVID  
By Paul Driessen, WUWT, May 25, 2020

<https://wattsupwiththat.com/2020/05/25/prioritizing-climate-over-pandemics/>

### **Air Pollution And COVID-19: Stay In Or Get Out?**

By Fred Lipfert, ACSH, May 18, 2020

<https://www.acsh.org/news/2020/05/18/air-pollution-and-covid-19-stay-or-get-out-14801>

“*The inconveniencie of the aer and smoak of London dissipated together with some remedies humbly proposed by J.E. esq. to His Sacred Majestie, and to the Parliament now assembled.*’  
*Fumifugiau, by John Evelyn, 1661*”

### **Fire seasons don’t run around the country lighting fires**

By Jo Nova, Her Blog, May 27, 2020

<http://joannenova.com.au/2020/05/fire-seasons-dont-run-around-the-country-lighting-fires/>

“Fires are not where the heat is, they’re where the fuel is.”

### **The Bureau of Meteorology gets it wrong, again**

By Anthony Cox, The Australian Climate Sceptics Blog, May 27, 2020

[http://theclimatescepticsparty.blogspot.com/2020/05/the-bureau-of-meteorology-gets-it-wrong\\_27.html](http://theclimatescepticsparty.blogspot.com/2020/05/the-bureau-of-meteorology-gets-it-wrong_27.html)

### **Boris: take back control**

Steve Baker calls on Dominic Cummings to go

By Steve Baker, The Critic, May 24, 2020

<https://thecritic.co.uk/boris-must-take-back-control/>

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

#### **The Combined Impacts of CO2, Temperature and Water Supply on Litter Decomposition**

Park, H.J., Lim, S.S., Yang, H.I., Lee, K.S., Park, S.I., Kwak, J.H., Kim, H.Y., Oh, S.W. and Choi, W.J. 2020. Co-elevated CO2 and temperature and changes water availability do not change litter quantity and quality of pine and oak. *Agricultural and Forest Meteorology* 280: 107795. May 29, 2020

<http://www.co2science.org/articles/V23/may/a13.php>

#### **Spring Phenology Trends in Mediterranean Reptiles and Amphibians**

Prodon, R., Geniez, P., Cheylan, M., Devers, F., Chuine, I. and Besnard, A. 2017. A reversal of the shift towards earlier spring phenology in several Mediterranean reptiles and amphibians during the 1998-2013 warming slowdown. *Global Change Biology* 23: 5481-5491. May 27, 2020

<http://www.co2science.org/articles/V23/may/a12.php>

“The importance of Prodon *et al.*'s work is summed up by their statement that ‘Mediterranean amphibians and reptiles respond without any time lag to variations in early-spring temperatures, with shifts of their appearance dates of up to 9 days earlier for every 1°C increase in temperature (average 6.35 days).’ And this rapid phenological response of adjusting their date of first spring appearance in consequence of spring temperature fluctuation may well point to an inherent climatic resilience in coping with global warming projections.”

#### **Seagrass Buffering of Ocean Acidification Effects in a Coral Reef Mesocosm**

Liu, P.J., Ang, S.J., Mayfield, A.B. and Lin, H.J. 2020. Influence of the seagrass *Thalassia hemprichii* on coral reef mesocosms exposed to ocean acidification and experimentally elevated temperatures. *Science of the Total Environment* 700: 134464. May 25, 2020

<http://www.co2science.org/articles/V23/may/a11.php>

“Results indicated, in the words of the authors, that ‘seagrass shoot density, photosynthetic efficiency, and leaf growth rate actually increased with rising temperatures under ocean acidification.’ They also found that coral calcification rates at a given temperature were *higher* in mesocosms where corals were co-incubated with seagrass than when they were not.

Consequently, based on these and other key observations, they conclude that ‘seagrass helped to stabilize the system’s metabolism in response to projected climate change stressors.’ And that is good news for those concerned about the potential impacts of ocean acidification on coral reefs.”

### ***Model Issues***

#### **Forecast models encounter reality**

By Kenneth Green, CFACT, May 28, 2020 [H/t WUWT]

<https://www.cfact.org/2020/05/28/forecast-models-encounter-reality/>

#### **LIVE Webinar: Mathematical Models and Their Role in Government Policy**

By Staff, GWPF, May 28, 2020

<https://www.thegwpf.com/live-webinar-mathematical-models-and-their-role-in-government-policy/>

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

#### **Germany’s DWD National Weather Service Denies Station Siting Problem: “Dubious” All-Time Record Temperature Allowed To Stand**

By P Gosselin, No Tricks Zone, May 26, 2020

<https://notrickszone.com/2020/05/26/germanys-dwd-national-weather-service-denies-station-siting-problem-dubious-all-time-record-temperature-allowed-to-stand/>

#### **Snow mass estimates now more reliable**

By Staff Writers, Paris (ESA), May 22, 2020

[https://www.terraily.com/reports/Snow\\_mass\\_estimates\\_now\\_more\\_reliable\\_999.html](https://www.terraily.com/reports/Snow_mass_estimates_now_more_reliable_999.html)

Link to paper: Patterns and trends of Northern Hemisphere snow mass from 1980 to 2018

By Jouni Pulliainen, et al. May 20, 2020

<https://www.nature.com/articles/s41586-020-2258-0>

### ***Changing Weather***

#### **Heatwave Of May-June, 1934**

By Tony Heller, His Blog, May 29, 2020

<https://realclimatescience.com/2020/05/heatwave-of-may-june-1934-2/>

#### **1919 or 2019? Back to Ranfurly**

By John Robson, Climate Discussion Nexus, May 27, 2020

<https://climatediscussionnexus.com/2020/05/27/1919-or-2019-back-to-ranfurly/>

[SEPP Comment: Now looking at changes in precipitation, rather than temperatures, at locations in Canada.]

#### **The rain in the Amazon falls mainly at random**

By John Robson, Climate Discussion Nexus, May 27, 2020

<https://climatediscussionnexus.com/2020/05/27/the-rain-in-the-amazon-falls-mainly-at-random/>

### **What is the streamflow outlook for this summer?**

By Cliff Mass Weather Blog, May 24, 2020

<https://cliffmass.blogspot.com/2020/05/what-is-streamflow-outlook-for-this.html>

“The bottom line is that at this point it appears that streamflow in Washington State rivers and streams should be near normal for most of the State and that some claims of drought and water shortages may not be well founded ...”

### ***Changing Climate***

#### **A global context for megadroughts in monsoon Asia during the past millennium**

By Paul Homewood, Not a Lot of People Know That, May 24, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/24/a-global-context-for-megadroughts-in-monsoon-asia-during-the-past-millennium/>

Link to paper: A global context for megadroughts in monsoon Asia during the past millennium

By Ashish Sanha, et al. Quaternary Science Reviews, Oct 11, 2010

[https://www.academia.edu/25345390/A\\_global\\_context\\_for\\_megadroughts\\_in\\_monsoon\\_Asia\\_during\\_the\\_past\\_millennium](https://www.academia.edu/25345390/A_global_context_for_megadroughts_in_monsoon_Asia_during_the_past_millennium)

“This paper also provides yet more evidence that the Little Ice Age truly was a global phenomenon.”

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

#### **Global cooling event 4,200 years ago spurred rice's evolution, spread across Asia**

Scientists use genomics, archaeology, and climate data to reconstruct history of rice

News Release, NSF, May 22, 2020

[https://www.nsf.gov/discoveries/disc\\_summ.jsp?cntn\\_id=300630&WT.mc\\_id=USNSF\\_1](https://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=300630&WT.mc_id=USNSF_1)

Link to paper: Genomic history and ecology of the geographic spread of rice

By Rafal M. Gutaker, et al. Nature Plants, May 15, 2020

<https://www.nature.com/articles/s41477-020-0659-6>

From news release: “For the first 4,000 years of rice's history, farming was confined largely to China, and japonica was the subspecies grown. Then 4,200 years ago, global cooling known as the 4.2k event occurred. The event, thought to have had widespread consequences including the collapse of civilizations from Mesopotamia to China, coincided with japonica rice diversifying into temperate and tropical varieties.”

### ***Changing Seas***

#### **Sugar turns brown algae into good carbon stores**

News Release, Max Planck Society, May 26, 2020

<https://phys.org/news/2020-05-sugar-brown-algae-good-carbon.html>

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

#### **German AWI Research Vessel Gets Stuck In Arctic: “Two-Year Drift Ice Too Thick”**

By P Gosselin, No Tricks Zone, May 24, 2020

<https://notrickszone.com/2020/05/24/german-awi-research-vessel-gets-stuck-in-arctic-two-year-drift-ice-too-thick/>

### **The Yin and Yang of Holocene Polar Regions**

Guest post by Renee Hannon, WUWT, May 27, 2020

<https://wattsupwiththat.com/2020/05/27/the-yin-and-yang-of-holocene-polar-regions/>

## ***Changing Earth***

### **It's Official: Louisiana is Sinking**

LSU C4G Helps NGS Measure Subsidence

News Release, LSU College of Engineering, July 16, 2019 [H/t Bernie Kepshire]

<https://www.globenewswire.com/news-release/2019/07/16/1883668/0/en/It-s-Official-Louisiana-is-Sinking.html>

“This is the second observation NGS has performed in Louisiana, with the first one having taken place at the University of New Orleans in 1989,” LSU Chief of Geodesy Cliff Mugnier said.

“Since then, the four additional observations through 2018 (at the University of New Orleans) show a cumulative apparent subsidence of 147 mm in 29 years, which is 5 mm a year.”

*[SEPP Comment: The marshlands are no longer refreshed by huge floods bringing in new soil.]*

### **Loss of Louisiana marsh lands highly likely as sea levels rise, study shows**

By J. Edward Moreno, The Hill, May 23, 2020

<https://thehill.com/policy/energy-environment/499329-loss-of-louisiana-marsh-lands-highly-likely-as-sea-levels-rise>

Tipping points of Mississippi Delta marshes due to accelerated sea-level rise

By Torbjörn E. Törnqvist, Science, May 22, 2020

<https://advances.sciencemag.org/content/6/21/eaaz5512>

*[SEPP Comment: From the abstract: “We present an 8500-year-long marsh record from the Mississippi Delta, showing that at rates of RSL rise exceeding 6 to 9 mm year<sup>-1</sup>, marsh conversion into open water occurs in about 50 years.” Boldface added. The study of sea level rise begins when the great ice sheets of the Northern Hemisphere were still melting!]*

### **Volcanic eruptions reduce global rainfall**

By Staff Writers, Pohang, South Korea (SPX) May 28, 2020

[https://www.spacedaily.com/reports/Volcanic\\_eruptions\\_reduce\\_global\\_rainfall\\_999.html](https://www.spacedaily.com/reports/Volcanic_eruptions_reduce_global_rainfall_999.html)

Link to paper: Volcanic-induced global monsoon drying modulated by diverse El Niño responses

By Seungmok Paik, et al., Science, May 22, 2020

<https://advances.sciencemag.org/content/6/21/eaba1212>

## ***Un-Science or Non-Science?***

### **New Study Predicts Higher Sea-Level Rise than IPCC Projections**

By Staff, AZoCleantech, May 26, 2020

<https://www.azocleantech.com/news.aspx?newsID=27325>

Link to paper: Estimating global mean sea-level rise and its uncertainties by 2100 and 2300 from an expert survey

By Benjamin P. Horton, et al. Nature, May 8, 2020

<https://www.nature.com/articles/s41612-020-0121-5>

*[SEPP Comment: A poll of modelers who have failed to produce a valid model?]*

## ***Lowering Standards***

### **What The BBC Don't Want You To Know About Miami's Rising Seas**

By Paul Homewood, Not a Lot of People Know That, May 25, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/25/what-the-bbc-dont-want-you-to-know-about-miamis-rising-seas/>

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

## **Dinosaur-dooming asteroid struck earth at 'deadliest possible' angle**

News Release, Imperial College London, May 26, 2020 [H/t WUWT]

[https://www.eurekalert.org/pub\\_releases/2020-05/icl-das052520.php](https://www.eurekalert.org/pub_releases/2020-05/icl-das052520.php)

Link to paper: A steeply-inclined trajectory for the Chicxulub impact

By G. S. Collins, et al. Nature Communications, May 26, 2020

<https://www.nature.com/articles/s41467-020-15269-x>

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

### **New Video: 1969**

By Tony Heller, His Blog, May 28, 2020

<https://realclimatescience.com/2020/05/new-video-1969/>

It was already too late in 1969?

## **Study Shows Climate Change Expands North American Bird Ranges – Media Sounds Alarm**

By James Taylor, Climate Realism, May 28, 2020

<https://climaterealism.com/2020/05/study-shows-climate-change-expands-north-american-bird-ranges-media-sounds-alarm/>

Link to paper: Migratory behavior and winter geography drive differential range shifts of eastern birds in response to recent climate change

By Clark S. Rushing, PNAS, May 26, 2020

<https://www.pnas.org/content/early/2020/05/20/2000299117>

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

### **Exposing the lies**

By John Robson, Climate Discussion Nexus, May 27, 2020

<https://climatediscussionnexus.com/2020/05/27/exposing-the-lies/>

“Maybe what Oreskes meant was that the memo is typical of the lying lies of the liars who lie about climate, and her book is about the lying lies of these liars and they lie so much that they must be exposed as lying liars who lie so much. Or something of that sort.”

## **Corporate Green ‘Disclosures’ Are Often Mere Marketing**

Companies tout their work on climate change in their filings but mislead the public about their impact.

By Steve Milloy, WSJ, Via Junk Science.com, May 26, 2020

<https://junkscience.com/2020/05/corporate-green-disclosures-are-often-mere-marketing/>

## **Global warming now pushing heat into territory humans cannot tolerate**

By Tom Matthews and Colin Raymond, The Conversation, Via Phys.org, May 21, 2020 [H/t Bernie Kepshire]

<https://phys.org/news/2020-05-global-territory-humans-tolerate.html>

[SEPP Comment: A small increase in warmth is now dangerous for humans who evolved in the tropics and crossed the Sahara?]

## ***Communicating Better to the Public – Do a Poll?***

### **BBC Plug Silly Survey**

By Paul Homewood, Not a Lot of People Know That, May 25, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/25/bbc-plug-silly-survey/>

“BBC confuses ‘CO2’ with ‘clean air’.”

### ***Communicating Better to the Public – Go Personal.***

#### **In Big Oil Fight, Climate Activists Are Suddenly Preaching Against The Choir**

By Ed Hirs, Forbes, May 26, 2020

<https://www.forbes.com/sites/edhirs/2020/05/26/the-proxy-war-of-climate-blackrock-and-oil-gas/#1a6ce03a4f1c>

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

#### **When in danger or in doubt**

By John Robson, Climate Discussion Nexus, May 27, 2020

<https://climatediscussionnexus.com/2020/05/27/when-in-danger-or-in-doubt/>

“Indefatigable evangelical alarmist Katharine Hayhoe tweets that ‘HALF of all young people report that concern over climate change is hurting their mental health.’”

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

#### **Greta Thunberg Or Naomi Seibt -- How They Enforce Official Orthodoxy**

By Francis Menton, Manhattan Contrarian, May 27, 2020

<https://www.manhattancontrarian.com/blog/2020-5-26-greta-thunberg-or-naomi-seibt>

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

#### **BBC Plug Yet Another Coronavirus Green Recovery Plan**

By Paul Homewood, Not a Lot of People Know That, May 27, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/27/bbc-plug-yet-another-coronavirus-green-recovery-plan/>

### **Military intelligence**

By John Robson, Climate Discussion Nexus, May 27, 2020

<https://climatediscussionnexus.com/2020/05/27/military-intelligence/>

*[SEPP Comment: Many veterans joke that the term, military intelligence, is a self-contradiction. Apparently, some retired officers desire to keep the joke alive.]*

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

#### **Europe Is Firmly Committed To Economic Suicide**

By Francis Menton, Manhattan Contrarian, May 23, 2020

<https://www.manhattancontrarian.com/blog/2020-5-23-europe-is-firmly-committed-to-economic-suicide>

### **China To Boost Oil & Gas Exploration, As EU Prepares To Commit Suicide**

By Paul Homewood, Not a Lot of People Know That, May 22, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/22/china-to-boost-oil-gas-exploration-as-eu-prepares-to-commit-suicide/>

### **EU lawmakers debate 65% climate target proposal**

By Florence Schulz, EURACTIV, May 29, 2020 [H/t GWPF]

<https://www.euractiv.com/section/energy-environment/news/eu-parliaments-climate-committee-divided-over-65-climate-target/>

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

#### **The Global Economy’s Fuel Gauge**

Oil powers almost all transportation—and Covid-19 will only intensify its dominance.  
By Mark Mills, City Journal, May 21, 2020 [H/t WUWT]  
<https://www.city-journal.org/covid-19-will-intensify-dominance-of-oil>

### **The Green God That Failed — Almost**

By Steven F. Hayward, Real Clear Energy, May 28, 2020  
[https://www.realclearenergy.org/articles/2020/05/28/the\\_green\\_god\\_that\\_failed\\_almost\\_494439.html](https://www.realclearenergy.org/articles/2020/05/28/the_green_god_that_failed_almost_494439.html)

### **Dominion Energy proposes 40% rate hike in Virginia to pay for “net zero carbon”**

By David Wojick, CFACT, May 23, 2020  
<https://www.cfact.org/2020/05/23/dominion-energy-proposes-40-rate-hike-in-virginia-to-pay-for-net-zero-carbon/>  
*[SEPP Comment: No wonder the state legislators and governor eliminated the authority of the State Corporation Commission to review proposed new facilities for cost effectiveness.]*

### **Covid-19 Exposes the Folly of Push for Renewable Energy Investment**

By Gerard Scimeca, The Hill, May 26, 2020  
[https://www.realclearenergy.org/articles/2020/05/26/covid-19-exposes-the-folly-of-push-for-renewable-energy-investment\\_492557.html](https://www.realclearenergy.org/articles/2020/05/26/covid-19-exposes-the-folly-of-push-for-renewable-energy-investment_492557.html)

### ***Funding Issues***

#### **BlackRock and ESG**

By Andrew Stuttaford, National Review, May 21, 2020  
<https://www.nationalreview.com/corner/blackrock-esg-climate-politics/>

### ***The Political Games Continue***

#### **Andrew Dessler: Climate Alarmist as Energy Expert (Part II)**

By Robert Bradley Jr., Master Research, May 28, 2020  
<https://www.masterresource.org/houston-chronicle/dessler-energy-expert-ii/>  
“The popular climate discussion ... looks at man as a destructive force for climate livability ... because we use fossil fuels. In fact, the truth is the exact opposite; we don’t take a safe climate and make it dangerous; we take a dangerous climate and make it safe. High-energy civilization, not climate, is the driver of climate livability.” (Alex Epstein, *The Moral Case for Fossil Fuels*, pp. 126–127).

### ***Litigation Issues***

#### **Response to Ninth Circuit’s Decision on California Climate Litigation: Ruling Underscores Why the Supreme Court Should Hear These Cases**

From the Manufacturers Accountability Project (MAP), Via WUWT, May 26, 2020  
<https://wattsupwiththat.com/2020/05/26/response-to-ninth-circuits-decision-on-california-climate-litigation-ruling-underscores-why-the-supreme-court-should-hear-these-cases/>  
“The Ninth Circuit ruling identifies the main reason this case and all climate tort litigation is not suited for federal or state court, stating ‘whether the Energy Companies can be held liable for public nuisance based on production and promotion of the use of fossil fuels and be required to spend billions of dollars on abatement is no doubt an important policy question.’”

#### **Win for Climate Skeptics: Trump’s EO Begins to Strip Section 230 Protection from Social Media Giants**

By Eric Worrall, WUWT, May 28, 2020

<https://wattsupwiththat.com/2020/05/28/giant-win-for-climate-skeptics-president-trump-just-removed-section-230-protection-from-abusive-social-media-giants/>

### **Court strikes down 440 oil and gas leases across the West**

By Rebecca Beitsch, The Hill, May 26, 2020

<https://thehill.com/policy/energy-environment/499548-court-strikes-down-440-oil-and-gas-leases-across-the-west>

*[SEPP Comment: To protect sage grouse habitat, is the next step to eliminate all fences which are the real problem, not oil and gas development?]*

### **Judge throws out lawsuit attempting to halt federal coal leases**

By Rachel Frazin, The Hill, May 22, 2020

<https://thehill.com/policy/energy-environment/499245-judge-throws-out-lawsuit-attempting-to-halt-federal-coal-leases>

### ***Cap-and-Trade and Carbon Taxes***

#### **Denmark Puts Plans for Climate-Focused Tax Reform on Hold**

By Jan Stojaspal, Bloomberg, May 27, 2020

<https://news.bloombergtax.com/daily-tax-report-international/denmark-puts-plans-for-climate-focused-tax-reform-on-hold>

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

#### **IRS Relaxes Requirements for Renewable Energy Tax Credits—Coronavirus Edition**

By Ben Lieberman, CEI, May 29, 2020

<https://cei.org/blog/irs-relaxes-requirements-renewable-energy-tax-credits%E2%80%94coronavirus-edition>

Link to: U.S. renewable energy consumption surpasses coal for the first time in over 130 years

By Staff, EIA, May 28, 2020

<https://www.eia.gov/todayinenergy/detail.php?id=43895>

Hydropower explained

<https://www.eia.gov/energyexplained/hydropower/>

### **Wind Farms Paid Record £.9.3m To Switch Off Their Turbines For One Day**

By Staff, The Sunday Telegraph, UK, Via GWPF, May 25, 2020

<https://www.thegwpf.com/wind-farms-paid-record-9-3m-to-switch-off-their-turbines-for-one-day/>

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

#### **House Republicans introduce bill to speed mining projects for critical minerals**

By Rebecca Beitsch, The Hill, May 28, 2020

<https://thehill.com/policy/energy-environment/499989-house-republicans-introduce-bill-to-speed-mining-projects-for>

“Republican lawmakers on Natural Resources as well as the House Science Committee hope the permitting changes would decrease the length of the process from seven to 10 years to two or three years.”

### ***Energy Issues – Non-US***

#### **Balancing Unstable National Grid Could Be Lights Out For UK Energy Companies**

Energy companies could go bust because of a surprise £500 million bill for keeping the lights on during the coronavirus pandemic, SSE has warned.

By Staff, The Times, Via GWPF, May 25, 2020

<https://www.thegwpf.com/balancing-unstable-national-grid-could-be-lights-out-for-uk-energy-companies/>

### **Council Borrowed £1BN From Taxpayers to Bet on British Sunshine**

By Gareth Davies and Charles Boutaud, The Bureau of Investigative Journalism, May 22, 2020

<https://www.thebureauinvestigates.com/stories/2020-05-22/thurrock-council-borrowed-1bn-from-taxpayers-to-bet-on-british-sunshine>

### **Drax CCGT Project Wins First Court Battle**

By Paul Homewood, Not a Lot of People Know That, May 23, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/23/drax-ccgt-project-wins-first-court-battle/>

“It appears likely that this judgement will be appealed, and it was the Appeal Court which ruled against the Heathrow expansion.

“It is noteworthy that Greenpeace’s John Sauven claims CCGT makes ‘little economic sense’, because wind and solar are already cheaper. But surely that is a decision for Drax to make?

“What remains indisputable is that Britain’s power grid cannot operate without the back up of reliable sources of generation, such as CCGT. The dependability of our energy infrastructure is far too important to be put into the hands of unelected, activist judges.”

### **IEA: Coronavirus ‘accelerating closure’ of ageing fossil-fuelled power plants**

By Josh Gabbatiss, Carbon Brief, May 27, 2020

[https://www.carbonbrief.org/iea-coronavirus-accelerating-closure-of-ageing-fossil-fuelled-power-plants?utm\\_campaign=RevueCBWeeklyBriefing&utm\\_medium=email&utm\\_source=Revue%20newsletter](https://www.carbonbrief.org/iea-coronavirus-accelerating-closure-of-ageing-fossil-fuelled-power-plants?utm_campaign=RevueCBWeeklyBriefing&utm_medium=email&utm_source=Revue%20newsletter)

### **No Green Strings Attached in Lufthansa’s Bailout Package**

By William Wilkes, Bloomberg, May 26, 2020

<https://www.bloombergquint.com/business/lufthansa-bailout-comes-with-no-new-climate-strings-attached>

### ***Energy Issues – Australia***

#### **Victoria blows up cheapest electricity generator in the state**

By Jo Nova, Her Blog, May 25, 2020

<http://joannenova.com.au/2020/05/victoria-blows-up-cheapest-electricity-generator-in-the-state/>

“Every single week in January, when electricity demand peaks in Australia, there were days when one old coal plant could have provided more electricity than all 57 new wind farms on the National Electricity Market could.

“How much did it cost to build 57 not-there-when-you-need-it wind farms?”

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

#### **COVID-19 Dooms the Climate... Again! IEA: Oil Demand to Soon Exceed Pre-Lockdown Level**

By David Middleton, WUWT, May 28, 2020

<https://wattsupwiththat.com/2020/05/28/covid-19-dooms-the-climate-again-iea-oil-demand-to-soon-exceed-pre-lockdown-level/>

### **Asian Demand For LNG Remains Resilient**

By Paul Homewood, Not a Lot of People Know That, May 26, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/26/asian-demand-for-lng-remains-resilient/#more-44944>

### **Bloomberg: “Achilles’ Heel of Shale” Epic Fail**

By David Middleton, WUWT, May 26, 2020

<https://wattsupwiththat.com/2020/05/25/bloomberg-an-incredibly-dumb-shale-article/>

“Which, mathematically, makes it relatively easy for US oil production to be ramped up or down fairly quickly in response to price swings... It’s the exact opposite of an ‘Achilles’ Heel.’”

### **U.S. Shale Could Crush The Oil Market Recovery**

By Haley Zaremba, Oil Price.com, May 17, 2020

<https://oilprice.com/Energy/Crude-Oil/US-Shale-Could-Crush-The-Oil-Market-Recovery.html>

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

#### **GenOn Will Close Three Coal-Fired Units**

By Darrell Proctor, Power Mag, May 21, 2020

<https://www.powermag.com/genon-will-close-three-coal-fired-units/>

“GenOn Holdings said Units 1, 2, and 3 at its Dickerson Generating Station will be closed due to ‘unfavorable economic conditions and increased costs associated with environmental compliance.’”

“The plant completed a \$1.1-billion upgrade to its emissions system in late 2009. NRG in 2013 said it planned to decommission the coal-fired units by 2017, due to Maryland’s emissions regulations, but in 2015 said it would delay that action until 2019. NRG in early 2016 then said it would continue to operate the units.”

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

#### **One More To Go**

By Donn Dears, Power For USA, May 26, 2020

<https://ddears.com/2020/05/26/one-more-to-go/>

*[SEPP Comment: Irresponsible government following lobbyists with no responsibilities.]*

### **With Vogtle Completion in Sight, Southern Company Targets Net-Zero Carbon Emissions**

By Aaron Larson, Power Mag, May 28, 2020

<https://www.powermag.com/with-vogtle-completion-in-sight-southern-company-targets-net-zero-carbon-emissions/>

*[SEPP Comment: At what costs to the consumers?]*

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

#### **Great civilizations are built on good fuel (not on hydrogen)**

By Jo Nova, Her Blog, May 29, 2020

<http://joannenova.com.au/2020/05/great-civilizations-are-built-on-good-fuel-not-on-hydrogen/>

“The Global Warming religion is a new form of animism.”

*[SEPP Comment: Animism can be described as the belief that objects, places and creatures all possess a distinct spiritual essence. The Greens practice compulsory animism, you must believe!]*

### **Thought Bubbles from Canberra – more useless energy policies**

By Viv Forbes, The Saltbush Club, May 26, 2020

<https://saltbushclub.com/2020/05/26/more-useless-energy-policies/>

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

#### **States, environmental groups challenge EPA fuel efficiency rule**

Trump administration rule is 'riddled with errors, omissions, and unfounded assumptions,' lawsuit charges

By Jessica Wehrman, Roll Call, May 27, 2020 [H/t Cooler Heads]

<https://www.rollcall.com/2020/05/27/states-environmental-groups-challenge-epa-fuel-efficiency-rule/>

“Massachusetts Attorney General Maura Healey said the rule would ‘degrade air quality, exacerbate serious public health risks, and worsen the climate crisis’ during a pandemic.”  
[SEPP Comment: Currently in the US, automobile emit water vapor and carbon dioxide, which humans exhale, and little else. Does breathing degrade air quality, exacerbate serious public health risks?]

#### **Detroit Three have a new competitor in the electric pickup war — it's called Endurance**

By Jamie L. LaReau, Detroit Free Press, May 26, 2020 [H/t William Dwyer]

<https://www.usatoday.com/story/money/cars/2020/05/26/lordstown-motors-all-electric-endurance-intensify-truck-war/5257797002/>

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

#### **Don't Expect Public Health Policy To Change After Coronavirus**

American culture, specifically our disdainful attitude toward expertise and leadership, is not conducive to making improvements to public health policy. Don't expect many changes in response to the coronavirus pandemic.

By Alex Berezow, ACSH, May 19, 2020

<https://www.acsh.org/news/2020/05/19/dont-expect-public-health-policy-change-after-coronavirus-14803>

[SEPP Comment: Often that distain is well earned by the experts and leadership.]

### ***Environmental Industry***

#### **Green group proposes nearly \$6T infrastructure and clean energy stimulus plan**

By Rachel Frazin, The Hill, May 26, 2020

<https://thehill.com/policy/energy-environment/499575-green-group-proposes-6t-infrastructure-and-clean-energy-stimulus>

[SEPP Comment: Even \$6 trillion cannot make the wind blow and sun shine 24/7, but the Sierra Club does not care.]

### ***Other Scientific News***

#### **Half the universe’s ordinary matter was missing — and may have been found**

The long-sought matter appears to have been hiding in the gaps between galaxies

By Maria Temming, Science News, May 27, 2020

<https://www.sciencenews.org/article/universe-missing-matter-found-fast-radio-bursts>

Link to paper: A census of baryons in the Universe from localized fast radio bursts

By J.-P. Macquart, Nature, May 27, 2020

<https://www.nature.com/articles/s41586-020-2300-2>

From the article: “But all that wispy material, taken together, is enough to account for all the universe’s missing matter — bringing ordinary matter up to about 5 percent of the modern universe’s overall matter and energy, the researchers say.”

### **The most common organism in the oceans harbors a virus in its DNA**

News Release, University of Washington, May 29, 2020

[https://www.eurekalert.org/pub\\_releases/2020-05/uow-tmc052820.php](https://www.eurekalert.org/pub_releases/2020-05/uow-tmc052820.php)

Link to paper: Lysogenic host–virus interactions in SAR11 marine bacteria

By Robert M. Morris, et al., Nature Microbiology, May 18, 2020

<https://www.nature.com/articles/s41564-020-0725-x>

“‘There are 10 times more viruses in the ocean than there are bacteria,’ Morris said.

‘Understanding how those large numbers are maintained is important. How does a virus survive?

If you kill your host, how do you find another host before you degrade?’”

### **Tiny plankton drive processes in the ocean that capture twice as much carbon as scientists thought**

By Ken Buesseler, Woods Hole Oceanographic Institution, Via The Conversation, May 21, 2020

[H/t WUWT]

<https://theconversation.com/tiny-plankton-drive-processes-in-the-ocean-that-capture-twice-as-much-carbon-as-scientists-thought-136599>

### **COVID-19 is eroding scientific field work – and our knowledge of how the world is changing**

By Richard Primack and Casey Setash, The Conversation, May 19, 2020 [H/t WUWT]

<https://theconversation.com/covid-19-is-eroding-scientific-field-work-and-our-knowledge-of-how-the-world-is-changing-137045>

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

#### **Researchers use drones, machine learning to detect dangerous 'butterfly' landmines**

By Staff Writers, Binghamton NY (SPX), May 27, 2020

[https://www.spacewar.com/reports/Researchers\\_use\\_drones\\_machine\\_learning\\_to\\_detect\\_dangerous\\_butterfly\\_landmines\\_999.html](https://www.spacewar.com/reports/Researchers_use_drones_machine_learning_to_detect_dangerous_butterfly_landmines_999.html)

Link to paper: Applying Deep Learning to Automate UAV-Based Detection of Scatterable Landmines

By Jasper Baur, et al, Remote Sensing, Mar 6, 2020

<https://www.mdpi.com/2072-4292/12/5/859>

#### **Stunning Satellite Image on a Nearly Clear Day**

By Cliff Mass Weather Blog, May 27, 2020

<https://cliffmass.blogspot.com/2020/05/stunning-satellite-image-on-nearly.html>

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### **BELOW THE BOTTOM LINE:**

#### **Lemming Suicide Myth: Disney Film Faked Bogus Behavior**

By Riley Woodford, Alaska Department of Fish and Game, Sep 2003 [H/t WUWT]

[https://www.adfg.alaska.gov/index.cfm?adfg=wildlifeneews.view\\_article&articles\\_id=56](https://www.adfg.alaska.gov/index.cfm?adfg=wildlifeneews.view_article&articles_id=56)

#### **Death by climate**

By John Robson, Climate Discussion Nexus, May 27, 2020

<https://climatediscussionnexus.com/2020/05/27/death-by-climate/>

[SEPP Comment: *If someone freezes to death in Alaska, where it has warmed, would it be classified as death from climate change?*]

### **Climate Clowns Call For Timber Building Boom—Despite Safety Fears**

By Paul Homewood, Not a Lot of People Know That, May 28, 2020

<https://notalotofpeopleknowthat.wordpress.com/2020/05/28/climate-clowns-call-for-timber-building-boom-despite-safety-fears/>

“As for the hard left Schnellhuber’s claim that ‘societies have made good use of wood for buildings for many centuries’, I suggest he studies the history of the Great Fire of London.”

### **New Video: Disasters Slated For 2020**

By Tony Heller, His Blog, May 28, 2020

<https://realclimatescience.com/2020/05/new-video-disasters-slated-for-2020/>

If we make it that long!

### **“Mummy, What’s that Smell?”: SMH Climate Activist Explains Tim Flannery’s Electrical Impulse Tree Communication Theory**

By Eric Worrall, WUWT, May 30, 2020

<https://wattsupwiththat.com/2020/05/30/mummy-whats-that-smell-smh-climate-activist-explains-tim-flannerys-electrical-impulse-tree-communication-theory/>

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## **ARTICLES**

### **1. When Covid ‘Science’ Is a Smokescreen**

Like many politicians, Washington’s Jay Inslee trusts the numbers only when they serve his purposes.

By Todd Myers, WSJ, May 27, 2020

[https://www.wsj.com/articles/when-covid-science-is-a-smokescreen-11590600067?mod=opinion\\_lead\\_pos5](https://www.wsj.com/articles/when-covid-science-is-a-smokescreen-11590600067?mod=opinion_lead_pos5)

TWTW Summary: The article by the environmental director of the Seattle-based Washington Policy Center is in the section News You Can Use.

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### **Trump Protects Your Rights From Regulators**

A little-noticed provision of his executive order will help people like our clients, who’ve spent years in court fighting abuses.

By Jonathan Wood and Elizabeth Slattery, WSJ, May 16, 2020

[https://www.wsj.com/articles/trump-protects-your-rights-from-regulators-11590532916?mod=opinion\\_lead\\_pos9](https://www.wsj.com/articles/trump-protects-your-rights-from-regulators-11590532916?mod=opinion_lead_pos9)

TWTW Summary: The members of Pacific Legal Foundation write:

*“One of the first actions of Congress in 1789 was proposing a bill of rights that limited government power and guaranteed the liberties of the American people. Power has since shifted from Congress to an unaccountable regulatory state, but there is no equivalent bill of rights to limit its power or protect liberty in the bureaucratic process.”*

*“President Trump last week issued an executive order, ‘Regulatory Relief to Support Economic Recovery.’ Its temporary relief provisions have attracted much attention, and deservedly so, but an important part has been overlooked. The executive order includes a regulatory bill of rights that identifies ‘principles of fairness in administrative enforcement and adjudication’ and commands agencies to revise their procedures accordingly.*

*“Here are some of the principles: You should be presumed innocent unless proven guilty of violating a regulation. Agency enforcement should be prompt and fair, not needlessly drawn out. Disputes should be decided by neutral judges, not agency enforcement officials. Agency rules of evidence should be clear and fair, and agencies shouldn’t withhold evidence that is potentially exculpatory. Threatened penalties should be proportionate to the alleged wrong. Agencies shouldn’t coerce you into giving up your rights. Agencies shouldn’t engage in practices that cause unfair surprise. And agency practice should promote, rather than evade, accountability.*

*“These principles may seem basic, but federal agencies have too often failed to uphold them, as we explain in a Pacific Legal Foundation report released this month, ‘The Regulatory State’s Due Process Deficits.’ Through nine case studies of enforcement abuse involving our foundation’s clients, we show how agencies withhold fair notice, use biased rules of evidence, threaten excessive penalties to coerce people into giving up, resist scrutiny by courts and evade democratic accountability.*

*“Consider the Environmental Protection Agency’s treatment of Mike and Chantell Sackett, who in 2007 were attempting to build their dream home in Priest Lake, Idaho. As work began, the EPA without notice claimed their lot was a federally protected wetland and demanded they abandon their plans for a home. Large daily fines would pile up if they failed to comply. When the Sacketts protested, bureaucrats refused to provide evidence to support their claims and attempted to deny the Sacketts their day in court.*

*“The Supreme Court ruled unanimously in 2012 that EPA orders alleging Clean Water Act violations are judicially reviewable. But the foot-dragging had its intended effect, and the potential fines ultimately grew to more than \$150 million. Only after 12 years of litigation and public criticism did the EPA relent and drop the order and the fines. It still isn’t clear whether the Sacketts can build anything on their property. Our appeal to clarify is pending at the Ninth U.S. Circuit Court of Appeals.”*

The authors give two more examples and conclude:

*“The problem isn’t that agents occasionally cross lines in pursuit of clear villains. Bureaucrats have stacked the process against ordinary people even in mundane cases. These problems aren’t isolated to the EPA. Our report details abuses by the U.S. Fish and Wildlife Service, the Food and Drug Administration and others.*

*“The First Congress included in the Bill of Rights a guarantee that no one would be deprived of life, liberty, or property ‘without due process of law.’ The protections inherent in this clause are vital to shielding Americans from arbitrary or abusive government action. The Regulatory Bill of Rights promises the same protections against the regulatory state, protections that are long overdue, as our clients can attest.”*

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