

The Week That Was: 2015-11-28 (November 28, 2015)
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The Science and Environmental Policy Project

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Quote of the Week: *“It is ... important that scientists must be ready for their pet theories to turn out to be wrong. Science as a whole certainly cannot allow its judgment about facts to be distorted by ideas of what ought to be true, or what one may hope to be true.”* (Conrad Waddington, 1941). [H/t NIPCC, 2015]

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Number of the Week: 4

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THIS WEEK:

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

Science Supporting COP-21: The Conference of Parties (COP-21) of the United Nations’ Framework Convention on Climate Change (UNFCCC), will take place in Paris between November 30 and December 11, 2015. Tens of thousands will gather, centered on a meeting of official government delegates who will try to reach an agreement to limit carbon dioxide (CO₂) emissions. The propaganda, the hyperboles produced by the supporters of COP-21 have called the meeting as the last, best change for humanity to save itself from global warming/climate change. Others may call it as the latest, best chance for authoritarian governments to control humanity, and economic growth, through the UN.

Untold Billions of dollars have been spent preparing for this meeting. The US, alone, has spent over \$40 Billion, since 1993, on what government reports identify as climate science. Over \$120 Billion has been spent on efforts to prevent future climate change – a vague concept that does not withstand scientific scrutiny. The earth’s climate has changed for hundreds of millions of years – thousands of times longer than humanity has existed. The earth goes through periods of warming and cooling. For over 2.5 million years it has been in a period of cooling – ice ages. Humans change the land scape by farming, urbanization, irrigation, draining swamps, etc.; thereby changing local and regional climate.

The scientific issue for COP-21 is to what extent are human emissions of greenhouse gases (GHG) modifying natural global warming/climate change? Carbon dioxide is the dominant greenhouse gas emitted by humans into the atmosphere, therefore the focus of COP-21. Currently, in the atmosphere, CO₂ is about 0.04% (4 parts per 10,000). By far, the dominate greenhouse gas in the atmosphere is water vapor, which may be up to 4% (400 parts per 10,000). The concentration of water vapor is particularly high in the tropics, where heat from the sun is most pronounced driving the atmospheric and ocean systems that cause changing weather patterns and climate change.

To examine the need, or the lack of need, for control of human CO₂ emissions, it is necessary to examine the current status of climate science. To do so, TWTW will review four recent papers and articles that address the issues. The first is a position paper by SEPP Chairman S. Fred Singer which will be presented at an independent event at COP-21 in Paris on December 7 at the Hotel California at 10 to 11:30 am. The second items is a new book by the Non-governmental Panel on Climate Change, also to be presented at the event. The third item is a summary by historian Bernie Lewin, who discusses how events at a meeting of the Scientific Working Group of the

IPCC, 20 years ago in Madrid, led to the fabrication of the claim of a “discernable human influence” on climate, propelling the entire COP and IPCC process. And, the fourth item is a summary of the issues by Matt Ridley and Benny Peiser, published in the Wall Street Journal.

All the issues discussed in these papers undermine the justifications for any agreement at COP-21 to limit carbon dioxide emissions, a harmless gas necessary for life on this planet. Further, the issues discussed undermine the foundations for the US EPA’s Endangerment Finding, that carbon dioxide emissions endanger human health and welfare. Also, they undermine the need for subsidies for alternative forms of generating unreliable electricity from solar and wind. These sources endanger human health – a modern hospital would fail to function properly if the electricity was interrupted frequently, without warning, as happens with solar and wind.

The Burden of Proof on Climate Change

S. Fred Singer 11-24-2015

[for presentation on Heartland Panel, Hotel California, Paris, Dec 7, 2015]

The burden of proof for Anthropogenic CC falls on alarmists. Climate Change (CC) has been ongoing for millions of years – long before humans existed on this planet. Obviously, the causes were all of natural origin, and not anthropogenic.

There is no reason to believe that these natural causes have suddenly stopped; for example, volcanic eruptions, various types of solar influences, and (internal) atmosphere-ocean oscillations all continue today. (Note that these natural factors cannot be modeled precisely.)

Let’s call this the “*Null Hypothesis*.” Logically therefore, the burden of proof is on alarmists to demonstrate that the Null Hypothesis is not adequate to account for empirical climate data; alarmists must provide convincing observational evidence for Anthropogenic CC (ACC) – by detailed comparison of empirical data with GH [greenhouse] models.

I am not aware of such proofs, only of anecdotal info – although I admit that ACC is plausible; after all, CO₂ is a GH gas, and its level has been rising, mainly because of burning of fossil fuels. However, ACC appears to be much smaller than predicted by GH models; there is even believed to be a period of no warming [“*hiatus*”] during the past 19 years – in spite of rapidly rising atmospheric CO₂ levels [1].

There seems to be no generally accepted explanation for this discrepancy. Yet as the gap grows, the five IPCC reports insist there is no gap – with ever greater claimed certainty; rising from 50% to 99%

Even *necessary* conditions for empirical data (like temperature rise *vs* altitude and latitude; cloud cover; precipitation) are difficult to establish; *any* major disagreement with models disproves ACC.

IPCC’s GH models are not validated – and not policy-relevant

In other words, GH models have not been, and may never be validated; hence are not policy-relevant.

They are scenario-generation machines that rest on assumptions and incomplete science -- not on actual observations [2].

Anyway, warming appears to be trivially small, and most likely economically beneficial overall-- as established through careful studies by leading economists.

I therefore regard the absence of any significant GH warming as settled, and policies to limit CO2 emissions as wasting resources needed for genuine societal problems -- and even as counter-productive, since CO2 promotes plant growth and raises crop yields [3]

Surviving a coming climate cooling

I am much more concerned about a cooling climate, as predicted by many solar scientists [4], with its adverse ecological effects and severe economic consequences for humanity. Singer and Avery [5] have described the cyclical CC, seen during the past major glaciation; Loehle and Singer [6] see evidence for extension of the cycles into the current Holocene.

In particular, historical records [7] identify the recent cycle of a (beneficial) Medieval Warm Period and the (destructive) Little Ice Age (LIA) with its failed harvests, starvation, disease, and mass deaths.

I have therefore explored ways [8] to counter the (imminently expected) next cooling phase through low-cost and low-ecological-risk methods of a specific GH effect – not based on CO2. At the same time, assuming that our scheme does not work, we need to prepare for adaptation [9] to a colder climate – with special attention to supply of food, and of sustainable water and energy. The outlook appears promising – provided there is adequate preparation. However, the coming cold period will test the survivability of our technological civilization.

Paris-COP

As surmised earlier [10], COP21 will likely turn out to be a “big nothing-burger,” but media will spin it as great Obama victory. US consumers will pay the bill, suffer higher energy prices, and increasing poverty.

1. http://www.americanthinker.com/articles/2015/06/the_climate_warming_pause_goes_awol.html

2. Bast, JL. Private communication, Nov 2015

3. CCR-IIb www.climatechangereconsidered.org

4. Soon, de Jager, Zharkova, et al

5. Singer & Avery. *Unstoppable Global Warming: Every 1500 years*. Rowman & Littlefield 2007

6. Loehle & Singer. *Can J Earth Sci* 2010;

7. Lamb, HH. *Climate, History and the Modern World*. Routledge 1995

8.

http://www.americanthinker.com/articles/2015/05/saving_humanity_from_catastrophic_global_cooling_a_task_for_geoengineering.html

9. http://www.americanthinker.com/articles/2015/11/surviving_an_imminent_ice_age.html

10

http://www.americanthinker.com/articles/2015/04/obama_expected_to_bind_us_to_co2_reduction_at_paris_climate_meeting_this_year.html

NIPCC Report: The Non-governmental International Panel on Climate Change (IPCC) has published a new report -- *Why Scientists Disagree About Global Warming*. The report can be downloaded through the internet without charge. The report addresses major disagreements among scientists who have investigated the subject of climate change. Although climate change has been ongoing for hundreds of millions of years, the subject as a discipline is new. The importance of climate change was promoted by climate science pioneer Hubert Horace Lamb (1913-1997), who warned against dangers, particularly of the return of cold periods, which were

marked by disease, famine, and death. Later, some promoters advocated climate change to mean global warming in an effort to control human use of fossil fuels.

The NIPCC Report distinguishes how its purpose is different from the IPCC. NIPCC tries to examine all the causes of changes to global climate. The IPCC was limited to finding and disseminating the human impact on climate. It does not test critical assumptions – hypotheses. As such, it is a limited source, an agenda-driven, political body, which has become extremely biased. As stated in the summary of the new NIPCC report:

“Probably the only “consensus” among climate scientists is that human activities can have an effect on local climate and that the sum of such local effects could hypothetically rise to the level of an observable global signal. The key questions to be answered, however, are whether the human global signal is large enough to be measured and if it is, does it represent, or is it likely to become, a dangerous change outside the range of natural variability? On these questions, an energetic scientific debate is taking place on the pages of peer-reviewed science journals.

“In contradiction of the scientific method, IPCC assumes its implicit hypothesis – that dangerous global warming is resulting, or will result, from human-related greenhouse gas emissions -- is correct and that its only duty is to collect evidence and make plausible arguments in the hypothesis’s favor. It simply ignores the alternative and null hypothesis, amply supported by empirical research, that currently observed changes in global climate indices and the physical environment are the result of natural variability.

“The results of the global climate models (GCMs) relied on by IPCC are only as reliable as the data and theories “fed” into them. Most climate scientists agree those data are seriously deficient and IPCC’s estimate for climate sensitivity to CO₂ is too high.”

Rather than rely exclusively on IPCC for scientific advice, policymakers should seek out advice from independent, nongovernment organizations and scientists who are free of financial and political conflicts of interest. NIPCC’s conclusion, drawn from its extensive review of the scientific evidence, is that any human global climate impact is within the background variability of the natural climate system and is not dangerous.

In the face of such facts, the most prudent climate policy is to prepare for and adapt to extreme climate events and changes regardless of their origin. Adaptive planning for future hazardous climate events and change should be tailored to provide responses to the known rates, magnitudes, and risks of natural change. Once in place, these same plans will provide an adequate response to any human-caused change that may or may not emerge. See links under Challenging the Orthodoxy – NIPCC.

Fabricated in Madrid: One of the great harms to objective climate science occurred at the November 1995 meeting of Working Group I (Scientific Working Group) in Madrid, Spain, where lead author Benjamin Santer of the Lawrence Livermore National Laboratory and IPCC leader Sir John Houghton changed the peer-reviewed report of the IPCC Second Assessment to find a discernible human influence, even there was no such evidence in the peer-reviewed literature. The human-fingerprint, the so called “hot-spot” over the tropics centered at about 10 km (about 33,000 feet) was not published until later.

On June 12, 1996, Frederick Seitz wrote in the *Wall Street Journal*, that the change in the peer-reviewed report was the worst abuse of the peer review process he had witnessed in 60 years in American Science and was made to deceive policy makers and the public into believing that the scientific evidence shows human activities are causing global warming. Seitz had been President of the US National Academy of Sciences from 1962 to 1969 and was President Emeritus of the Rockefeller University, the major US medical research university.

On December 12, 1996, *Nature* magazine published an article showing that the Santer, *et al.* paper used to justify the “hot-spot” included a selected portion (1963 to 1987) of the 1958 to 1995 record.

In 2010, Seitz, who had died, was denounced by Oreskes and Conway in *Merchants of Doubt*. Based on hearsay, no evidence they documented, Oreskes and Conway claimed Seitz helped mislead the American public on the dangers of smoking cigarettes.

In 2011, Santer was elected as a fellow of the American Geophysical Union and a member of the National Academy of Sciences. Such is the status of the “peer review” with the IPCC, underlying COP-21. See Challenging the Orthodoxy (be sure to check the links in the article, especially <https://enthusiasmscepticismscience.wordpress.com/2012/07/01/madrid-1995-and-the-quest-for-the-mirror-in-the-sky-part-ii/>)

Your Complete Guide to the Climate Debate: Matt Ridley, The Rational Optimist, and Benny Peiser of the Global Warming Policy Foundation authored a lengthy opinion article that can be described as moderate skepticism and prudent from a political perspective. Among other items, they note: “*Even with this year’s El Niño-boosted warmth threatening to break records, the world is barely half a degree Celsius (0.9 degrees Fahrenheit) warmer than it was about 35 years ago. Also, it is increasingly clear that the planet was significantly warmer than today several times during the past 10,000 years.*”

“*As for the impact of that future warming, a new study by a leading climate economist, Richard Tol of the University of Sussex, concludes that warming may well bring gains, because carbon dioxide causes crops and wild ecosystems to grow greener and more drought-resistant. In the long run, the negatives may outweigh these benefits, says Mr. Tol, but ‘the impact of climate change does not significantly deviate from zero until 3.5°C warming.’*”

“*Mr. Tol’s study summarizes the effect we are to expect during this century: ‘The welfare change caused by climate change is equivalent to the welfare change caused by an income change of a few percent. That is, a century of climate change is about as good/bad for welfare as a year of economic growth. Statements that climate change is the biggest problem of humankind are unfounded: We can readily think of bigger problems.’ No justification for prioritizing climate change over terrorism there.*”

In addition, they cite recent studies indicate that the sensitivity of the climate to a doubling of CO₂ may be far less than projected by the IPCC. Also, new a new study indicates the cooling influence of sulfate emissions may have been over-estimated, leading to an over-estimate of the warming influence of CO₂.

“*To put it bluntly, climate change and its likely impact are proving slower and less harmful than we feared, while decarbonization of the economy is proving more painful and costly than we*

hoped. The mood in Paris will be one of furious pessimism among the well-funded NGOs that will attend the summit in large numbers: Decarbonization, on which they have set their hearts, is not happening, and they dare not mention the reassuring news from science lest it threaten their budgets.”

“So what will emerge from Paris, when thousands of government officials gather from Nov. 30 to Dec. 11 to agree on a new U.N. climate deal to replace the Kyoto Protocol, which expires in 2020? Expect an agreement that is sufficiently vague and noncommittal for all countries to sign and claim victory. Such an agreement will also have to camouflage deep and unbridgeable divisions while ensuring that all countries are liberated from legally binding targets a la Kyoto

“However, developing nations are only too aware that the \$100 billion per annum funding pledge [President Obama made in 2009] is never going to materialize, not least because the U.S. Congress would never agree to such an astronomical wealth transfer. This failure to deliver is inevitable, but it will give developing nations the perfect excuse not to comply with their own national pledges.

“According to the EU’s key demand, the Paris Protocol must deliver ‘legally binding mitigation commitments that put the world on track toward achieving the below 2°C objective. . . . Mitigation commitments under the Protocol should be equally legally binding on all Parties.’ The chances of such an agreement are close to zero. If there are no legally binding carbon targets agreed to in Paris, the EU will be unlikely to make its own conditional pledges legally binding.

“Any climate agreement should be flexible enough so that voluntary pledges can be adjusted over the next couple of decades depending on what global temperatures do. The best we can hope for is a toothless agreement that will satisfy most governments yet allow them to pay lip-service to action. In all likelihood, that’s exactly what we can expect to get in Paris.”

Of course, since this is a political position, not a rigorous scientific one, the authors do not mention that the IPCC gives no “empirical” justification that carbon dioxide causes global warming since the “hot spot” fabricated in Madrid twenty years ago. See links under Challenging the Orthodoxy.

State Attorney General Letter: As seen in past meetings by UN delegates in climate conferences, it is not clear what will emerge. Retiring Senator Boxer has said that the Republicans in Congress will back-down from a strong agreement. Contrasting this, The Attorney Generals of West Virginia and Texas have sent a strong letter to Secretary of State John Kerry, with copies to appropriate leaders of India, China, etc.

The letter states the president’s commitment to reduce CO2 emissions is unlawful and is unlikely to survive judicial review. Among reasons given is that the EPA relies on an EPA assertions of regulations that the courts recently rejected. Further, there is a constitutional issue of the 10th Amendment. The letter also states that any agreement must be ratified by the US Senate. Unless it is ratified, it is not binding, regardless what the President states.

Given that the President frequently dismisses contrary political views, it is possible he and Secretary Kerry will try to dismiss this the letter, though it was agreed upon by 27 states (over 50%). It may very well prove out that the delegates from India, China, etc. are more aware of the

limits on Executive Powers of the President placed by US Constitution than the delegates chosen by the Administration acknowledge. See links under Problems in the Orthodoxy.

Number of the Week: 4. Four separate, independent data sets are used in calculating the extent to which Global Climate Models (GCMs) over-estimate warming in the lower atmosphere, particularly over the tropics, the location of the yet-to-be-found “hot-spot,” Two separate entities, UAH and RSS, produce the satellite data, and two entities produce the balloon data. Yet these data are largely ignored by the IPCC and its supporters.

By contrast, the IPCC uses surface data. Much data for the historic surface temperature now comes from one source – the NOAA’s National Climatic Data Center (now National Centers for Environmental Information (NCEI)). These data have been heavily manipulated in recent decades.

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ARTICLES: The Articles section is now at the bottom of TWTW.

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Dear Subscriber to The Week That Was,

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Therefore, we can honestly claim that we are not beholden to anyone and that our writings are clear from any outside influence.

We are also proud of the fact that SEPP is frugal: no fancy offices, no employees, no salaries paid to anyone; in fact, we donate book royalties and lecture fees to SEPP.

The past few years have been very productive:

In collaboration with like-minded groups, we produced hard-hitting comments for the record and provided scientific testimony on proposed Federal climate and energy policy. We expect this material to surface in future litigation over excessive regulation. In 2016, we plan to be very active in upcoming litigation over Federal regulations that are not supported by empirical science.

SEPP has also spawned VA-SEEE (Scientists & Engineers for Energy & Environment), with 7 active chapters throughout Virginia, writing to local papers, testifying in Richmond, etc.

On a global level, we established NIPCC in 2007 (Non-governmental International Panel on Climate Change) to respond to the false claims of the UN-IPCC (Intergovernmental Panel on Climate Change), and its followers -- that use of fossil fuels, and CO2 emissions, will lead to climate disasters.

All four of the voluminous NIPCC reports and their Summaries are available at www.NIPCCreport.org.

The newly released 2015 report “Why Scientists Disagree About Global Warming” directly addresses the sources of disagreement among climate scientists, and that the Intergovernmental Panel on Climate Change (IPCC) is a political body that does not perform rigorous hypothesis testing needed to advance scientific knowledge.

In 2013, the Chinese Academy of Sciences translated and published a book based on two NIPCC reports and organized a Workshop in Beijing.

The Heartland Institute, our publisher, has organized ten well-attended ICCG events (International Conference on Climate Change), featuring many of the 50+ NIPCC authors.

A few weeks ago, Dr Fred Singer, our founder and president celebrated his 91st birthday. After 25 years at the helm, in January he retired as SEPP president, but continues as Chairman of the Board for as long as possible.

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Thank you -- and Season's Greetings to you and yours.

Kenneth Haapala, President
Science and Environmental Policy Project

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NEWS YOU CAN USE:

Climategate Continued

An Important Lesson On The Anniversary of Climategate.

Guest Opinion: Dr. Tim Ball, WUWT, Nov 27, 2015

<http://wattsupwiththat.com/2015/11/27/an-important-lesson-on-the-anniversary-of-climategate/>

Suppressing Scientific Inquiry

Climate Heretic. Part II

By Judith Curry, Climate Etc. Nov 26, 2015

<http://judithcurry.com/2015/11/26/climate-heretic-part-ii/#more-20515>

Link to article: 'I was tossed out of the tribe': climate scientist Judith Curry interviewed
"For engaging with sceptics, and discussing uncertainties in projections frankly, this Georgia professor is branded a heretic"

By David Rose, The Spectator, UK, Nov 28, 2015

<http://new.spectator.co.uk/2015/11/i-was-tossed-out-of-the-tribe-climate-scientist-judith-curry-interviewed/>

Suppressing Scientific Inquiry – The Witch Hunt

German 'Sueddeutsche Zeitung' National Daily Attempts To Marginalize Legitimate Climate Science Critics

By P Gosselin, No Tricks Zone, Nov 24, 2015

<http://notrickszone.com/2015/11/24/german-sueddeutsche-zeitung-national-daily-attempts-to-marginalize-legitimate-climate-science-critics/#sthash.wjXAaShO.dpbs>

Suppressing Scientific Inquiry – The Witch Hunt – Push-Back

'Martin Act' Targets ExxonMobil for Phony Climate Alarm

By Larry Bell, Newsmax, Nov 23, 2015

<http://www.newsmax.com/LarryBell/Climate-Change-Global-Warming-U-SState-Facts/2015/11/23/id/703229/>

Emails Suggest This Dem Senator Is Behind The Effort To Prosecute Global Warming Skeptics

By Michael Bastasch, Daily Caller, Nov 25, 2015

<http://dailycaller.com/2015/11/25/emails-suggest-this-dem-senator-is-behind-the-effort-to-prosecute-global-warming-skeptics/>

Challenging the Orthodoxy -- NIPCC

Why Scientists Disagree About Global Warming

The NIPCC Report on the Scientific Consensus

By Craig D. Idso, Robert M. Carter, and S. Fred Singer, NIPCC, Nov 23, 2015

<http://climatechangereconsidered.org/>

Download with no charge

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

Climate Change Reconsidered II: Physical Science

Idso, Carter, and Singer, Lead Authors/Editors, 2013

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

Summary: <http://www.nipccreport.org/reports/ccr2a/pdf/Summary-for-Policymakers.pdf>

Climate Change Reconsidered II: Biological Impacts

Idso, Idso, Carter, and Singer, Lead Authors/Editors, 2014

<http://www.nipccreport.org/reports/ccr2b/pdf/Full-Report.pdf>

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

Challenging the Orthodoxy

Exxon knew what the IPCC didn't

By Andrew Montford, Bishop Hill, Nov 23, 2015

<http://bishophill.squarespace.com/blog/2015/11/23/exxon-knew-what-the-ipcc-didnt.html>

“You must be able to get a very comical juxtaposition by reading Bernie's erudite thoughts after perusing the effusions of a ‘proper’ historian like Naomi Oreskes.”

Link to climate history essay:

Remembering Madrid '95: A Meeting that Changed the World

By Bernie Lewin, Enthusiasm, Scepticism and Science, Nov 21, 2015

<https://enthusiasmscepticismscience.wordpress.com/2015/11/21/remembering-madrid-95-a-meeting-that-changed-the-world-2/>

[SEPP Comment: Exposing the influence of the Santer-Houghton misrepresentation in IPCC AR2, called the distinct human fingerprint – a hot spot that no one can find.]

NOAA's climate change science fiction

The environmental intelligence agency ignores satellite data

By Lamar Smith, Washington Times, Nov 26, 2015 [H/t Climate Depot]
<http://www.washingtontimes.com/news/2015/nov/26/lamar-smith-noaas-climate-change-science-fiction/>

Reducing CO2 Emissions as a Precaution against Possible ‘Climate Change’ is All Pain, No Gain

By David Legates, The Stream, Nov 21, 2015 [H/t Bill Balgord]
https://stream.org/reducing-co2-emissions-as-a-precaution-against-possible-climate-change-is-all-pain-no-gain/?utm_source=Cornwall+Alliance+Newsletter&utm_campaign=317f1c5e8d-Reducing_CO2_Emission11_25_2015&utm_medium=email&utm_term=0_b80dc8f2de-317f1c5e8d-153376249

Under 2 MOU is an economic suicide pact

By Joseph D'Aleo, ICECAP, Nov 27, 2015
http://icecap.us/images/uploads/Daleo_Under2MOU_piece_%281%29_%281%29.pdf

Drought, Climate, War, Terrorism, and Syria

By Roger Andrews, Energy Matters, Nov 24, 2015 [H/t GWPF]
<http://euanmearns.com/drought-climate-war-terrorism-and-syria/>

Chaos & Climate – Part 2: Chaos = Stability

Guest Essay by Kip Hansen, WUWT, Nov 23, 2015
<http://wattsupwiththat.com/2015/11/23/chaos-climate-part-2-chaos-stability/>

Climate/Geology Professor Friedrich-Karl Ewert Says “Standards Of Science Not Met” By Climate Models

By P Gosselin, No Tricks Zone, Nov 25, 2015
<http://notrickszone.com/2015/11/25/climategeology-professor-friedrich-karl-ewert-says-standards-of-science-not-met-by-climate-models/#sthash.2UDWgIFd.dpbs>

New Science 20: It’s not CO2, so what Is the main cause of Global Warming?

By Jo Nova and David Evans, Her Blog, Nov 22, 2015
<http://joannenova.com.au/2015/11/new-science-20-its-not-co2-so-what-is-the-main-cause-of-global-warming/>

New Science 21: The mysterious Notch in the Sun-Earth relationship — the dog that didn’t bark

By Jo Nova and David Evans, Her Blog, Nov 27, 2015
<http://joannenova.com.au/2015/11/new-science-21-the-mysterious-notch-in-the-sun-earth-relationship-the-dog-that-didnt-bark/>

Defending the Orthodoxy

Obama: Climate summit a 'powerful rebuke' to terrorists

By Timothy Cama, The Hill, Nov 24, 2015
<http://thehill.com/policy/energy-environment/261193-obama-climate-conference-is-powerful-rebuke-to-terrorists>

Why a Climate Deal Is the Best Hope for Peace

By Jason Box and Naomi Klein, The New Yorker, Nov 18, 2015 [H/t Timothy Wise]

<http://www.newyorker.com/news/news-desk/why-a-climate-deal-is-the-best-hope-for-peace>

Questioning the Orthodoxy

Environmentalism versus science

By John Reid of Hobart, Tasmania, Comments by Judith Curry, Climate Etc. Nov 24, 2015

<http://judithcurry.com/2015/11/24/environmentalism-versus-science/>

CO2 residence time said to be 40 years, not 1000 per previous claims

Guest essay by Ari Halperin, WUWT, Nov 24, 2015

<http://wattsupwiththat.com/2015/11/24/co2-residence-time-said-to-be-40-years-not-1000-as-noaa-claims/>

Link to full paper: <http://defyccc.com/docs/se/MDACC-Halperin.pdf>

Our biggest problem is poverty

Guest post by Ralf Bodelier, translated from an original in Dutch, Bishop Hill, Nov 27, 2015

<http://bishophill.squarespace.com/blog/2015/11/27/our-biggest-problem-is-poverty.html>

“Indur M. Goklany is one of the most influential climate analysts in the world. ‘If we want a better world, we must continue using the cheapest form of energy. For the time being that is the burning of oil, coal and gas’.”

The world needs more energy, not green BS

Western governments and agencies are now standing in the way of development.

By Ben Pile, Spiked, Nov 20, 2015, [H/t GWPF]

<http://www.spiked-online.com/newsite/article/the-world-needs-more-energy-not-green-bs/17647#.VINmS-JApqz>

“Within the past 20 years, extreme poverty has halved, and almost every indicator of human welfare shows unprecedented progress. Perhaps that is what most terrifies an engorged, top-heavy class of environmental and ‘development’ technocrats: the possibility that the World’s problems are being solved not just without them, but in spite of them.”

Terrorism, not Climate Change (please, Mr. President)

By Sterling Burnett, Master Resource, Nov 19, 2015 [H/t William Dwyer]

<https://www.masterresource.org/climate-change-vs-isis/terrorism-not-climate-change/>

IUCN Red Book officials forced scientific standards on polar bear predictive models

By Susan Crockford, Polar Bear Science, Nov 21, 2015

<http://polarbearscience.com/2015/11/21/iucn-red-book-officials-forced-scientific-standards-on-polar-bear-predictive-models/#more-68874>

IUCN Red List says global polar bear population is 20,000 – 31,000 (26,500)

By Susan Crockford, Polar Bear Science, Nov 18, 2015

<http://polarbearscience.com/2015/11/18/iucn-red-list-says-global-polar-bear-population-is-20000-31000-26500/>

Link to report: The IUCN Red List of Threatened Species 2015-4

Ursus maritimus

By Wiig et al.

https://polarbearscience.files.wordpress.com/2015/11/2015-iucn-red-list-ursus-maritimus-polar-bear-www_iucnredlist_org_nov-18-2015.pdf

“The long-awaited 2015 IUCN Red List assessment for polar bears was released today (Wiig et al. 2015) and it includes some rather astonishing details – including the fact that the population trend is *unknown*.”

Climate Change and a Subtropical Canada?

Guest essay by F.J. Shepherd, WUWT, Nov 24, 2015

<http://wattsupwiththat.com/2015/11/24/climate-change-and-a-subtropical-canada/>

On to Paris!

India's Modi Poised to Make or Break Climate Talks in Paris

By Natalie Obiko Pearson, Bloomberg, Nov 26, 2015

<http://www.bloomberg.com/news/articles/2015-11-26/india-s-modi-poised-to-make-or-break-climate-talks-in-paris>

India will seek 'climate justice for billions of poor of this world' at Paris climate change meet

By Staff Writers, AFP, India, Nov 23, 2015

<http://www.firstpost.com/india/india-will-seek-climate-justice-for-the-billions-of-poor-of-this-world-at-paris-climate-change-meet-2517138.html>

India hits out at Kerry for terming it a ‘challenge’ at Paris meet

By Staff Writers, The Hindu, Nov 23, 2015

<http://www.thehindu.com/news/national/paris-climate-change-summit-india-hits-out-at-kerry-for-terming-it-a-challenge-at-paris-meet/article7905442.ece>

The UN’s Coming Paris Folly: Part 2

By Roger Bezdek and Paul Driessen, Master Resource, Nov 25, 2015

<https://www.masterresource.org/cop21-paris/un-paris-folly-2/>

Business as Usual at the Paris Climate Conference

By Patrick Michaels, Cato, Nov 23, 2015

<http://www.cato.org/publications/commentary/business-usual-paris-climate-conference>

Countdown to Paris: New World Order II

Climate change provides the opportunity to tackle such UN perennials as population control and income redistribution

By Michael Hart, Financial Post, Nov 25, 2015 [H/t Climate Etc.]

<http://linkis.com/financialpost.com/ETML1>

Global carbon pricing off menu at Paris climate talks

By Julie Chabanas, AFP, Nov 24, 2015

http://www.terraily.com/reports/Global_carbon_pricing_off_menu_at_Paris_climate_talks_999.html

Obama Will Show Terrorists Who’s Boss With Climate Change Conference

By Emily Zanotti, The American Spectator, Nov 24, 2015 [H/t Timothy Wise]

<http://spectator.org/blog/64770/obama-will-show-terrorists-whos-boss-climate-change-conference>

The Administration’s Plan – Push-Back

H.J. Res. 71, a joint resolution providing for congressional disapproval under chapter 8 of title 5, United States Code, of a rule submitted by the Environmental Protection Agency relating to “Standards of Performance for Greenhouse Gas Emissions from...

By Staff, CBO, Nov 24, 2015 [H/t Timothy Wise]

https://www.cbo.gov/publication/51036?utm_source=feedblitz&utm_medium=FeedBlitzEmail&utm_content=812526&utm_campaign=Hourly_%272015-11-25_16%3a00%3a00%27

H.J. Res. 72, a joint resolution providing for congressional disapproval under chapter 8 of title 5, United States Code, of a rule submitted by the Environmental Protection Agency relating to “Carbon Pollution Emission Guidelines for Existing...

By Staff, CBO, Nov 24, 2015 [H/t Timothy Wise]

https://www.cbo.gov/publication/51037?utm_source=feedblitz&utm_medium=FeedBlitzEmail&utm_content=812526&utm_campaign=Hourly_%272015-11-25_16%3a00%3a00%27

Former EPA general counsel Martella says final rule legally vulnerable

Transcript by Staff Writers, EETV, Aug 4, 2015

<http://www.eenews.net/tv/videos/2018/transcript>

Social Benefits of Carbon

Increased carbon dioxide enhances plankton growth, opposite of what was expected

By Anthony Watts, WUWT, Nov 27, 2015

<http://wattsupwiththat.com/2015/11/27/increased-carbon-dioxide-enhances-plankton-growth-opposite-of-what-was-expected/>

Problems in the Orthodoxy

US States Warn China, India That Obama’s Climate Plan Is Illegal

By Ed Crooks, Financial Times, Via GWPF, Nov 25, 2015

<http://www.thegwpf.com/us-states-warn-china-india-that-obamas-climate-plan-is-illegal/>

Link to letter to Secretary Kerry from Attorney Generals of West Virginia and Texas:

<http://www.ago.wv.gov/pressroom/2015/Documents/2015-11-23%20Paris%20Treaty%20Letter.PDF>

Germany’s Die Zeit: “Country Is Fouling Up Energiewende”...”CO2 Emissions Reduction Targets Won’t Be Reached”...”Embarrassing”!

By P Gosselin, No Tricks Zone, Nov 27, 2015

<http://notrickszone.com/2015/11/27/germanys-die-zeit-country-is-fouling-up-energiewende-co2-emissions-reduction-targets-wont-be-reached-embarrassing/#sthash.HXoaR2O1.dpbs>

Inconvenient truths for the environmental movement

By Joshua Goldstein and Steven Pinker, Boston Globe, Nov 23, 2015

<https://www.bostonglobe.com/opinion/2015/11/23/inconvenient-truths-for-environmental-movement/esDloe97894keW16Ywa9MP/story.html>

Seeking a Common Ground

Climate Change Will Not Be Dangerous for a Long Time

Slower warming than predicted gives the world time to develop better energy technologies

By Matt Ridley, Scientific American, Nov 27, 2015 [H/t Timothy Wise]

<https://www.scientificamerican.com/article/climate-change-will-not-be-dangerous-for-a-long-time/>

Lomborg pushes back against Joe Romm's over the top screed about the lack of impact of #COP21

Guest essay by Bjørn Lomborg, WUWT, Nov 17, 2015

<http://wattsupwiththat.com/2015/11/17/lomborg-pushes-back-against-joe-romms-over-the-top-screed-about-the-true-vale-of-cop21/>

Models v. Observations

COPing with Real-World Catastrophes

By Anthony J. Sadar, American Thinker, Nov 22, 2015

http://www.americanthinker.com/blog/2015/11/coping_with_realworld_catastrophes.html

Measurement Issues

A buoy-only sea surface temperature record

By Zeke Hausfather and Kevin Cowtan, Climate Etc. Nov 22, 2015

<http://judithcurry.com/2015/11/22/a-buoy-only-sea-surface-temperature-record/#more-20470>

[SEPP Comment: According to the authors, a buoy-only sea surface temperature record supports NOAA's latest adjustments. Others disagree. The support is not necessarily sufficient for justifying adjustment and it does not justify past, frequent adjustments.]

Did Two Federal Agencies Fraudulently Cook Global Warming Data?

Editorial, IBD, Nov 25, 2015

<http://news.investors.com/ibd-editorials/112515-782653-federal-agencies-possibly-fraudulently-cook-temperature-data.htm?p=2>

NOAA's Fabricated "Record Temperatures"

By Paul Homewood, Not a Lot of People Know That, Nov 21, 2015

<https://notalotofpeopleknowthat.wordpress.com/2015/11/21/noaas-fabricated-record-temperatures/#more-18524>

Massive Temperature Adjustments In Brazil – And Guess In What Direction?

By Paul Homewood, Not a Lot of People Know That, Nov 22, 2015

<https://notalotofpeopleknowthat.wordpress.com/2015/11/22/massive-temperature-adjustments-in-brazil-and-guess-in-what-direction/>

New urban heat island study shows surprising variation in air temperatures

By Anthony Watts, WUWT, Nov 18, 2015

<http://wattsupwiththat.com/2015/11/18/new-urban-heat-island-study-shows-surprising-variation-in-air-temperatures/>

Link to paper: Dense Network Observations of the Twin Cities Canopy-Layer Urban Heat Island
Bu Smoliak, et al. Journal of Applied Meteorology and Climatology, Sep 2015

<http://journals.ametsoc.org/doi/abs/10.1175/JAMC-D-14-0239.1>

The rise and fall of Central England Temperature

By Tony Brown, Climate Etc. Nov 25, 2015

<http://judithcurry.com/2015/11/25/the-rise-and-fall-of-central-england-temperature/>

How not to measure temperature, British facepalm edition

By Anthony Watts, WUWT, Nov 23, 2015

<http://wattsupwiththat.com/2015/11/23/how-not-to-measure-temperature-british-facepalm-edition/>

Changing Weather

Co-Founder of Weather Channel Challenges NOAA's Winter Forecast: 'Nonsense'

By Barbara Hollingsworth, CNS News, Nov 20, 2015 [H/t Timothy Wise]

<http://cnsnews.com/news/article/barbara-hollingsworth/weather-channel-co-founder-challenges-noaas-seasonal-forecast>

Chicago Area Digs Out From Record Storm [For November]

By Staff Writers, CBS, Nov 22, 2015 [H/t Timothy Wise]

<http://chicago.cbslocal.com/2015/11/22/chicago-area-diggs-out-from-record-storm/>

Changing Climate

1709; The Disparate Economic And Political Impact of Weather And Climate

Guest opinion: Dr. Tim Ball, WUWT, Nov 18, 2015

<http://wattsupwiththat.com/2015/11/18/1709-the-disparate-economic-and-political-impact-of-weather-and-climate/>

Changing Cryosphere – Land / Sea Ice

Antarctica Is Gaining Ice, So Why Is the Earth Still Warming?

By Elizabeth Newbern, Live Science, Nov 23, 2015 [H/t Clyde Spencer]

<http://news.yahoo.com/antarctica-gaining-ice-why-earth-still-warming-125427252.html>

[SEPP Comment: A false dilemma. The author presents no evidence the earth is warming.]

W Hudson Bay polar bears now on the ice hunting but killer whales could be trapped

By Susan Crockford, Polar Bear Science, Nov 25, 2015

<http://polarbearscience.com/2015/11/25/w-hudson-bay-polar-bears-now-on-the-ice-hunting-but-killer-whales-could-be-trapped/>

Changing Earth

Climate can grind down mountains faster than they can rebuild

Erosion caused by glaciation can wear down mountains faster than plate tectonics can form them

By Staff Writers, NSF, Nov 23, 2015

http://www.nsf.gov/news/news_summ.jsp?cntn_id=136975&WT.mc_id=USNSF_51&WT.mc_ev=click

[SEPP Comment: Poor headline. "They've discovered that erosion caused by glaciation during ice ages can, in the right circumstances, wear down mountains faster than plate tectonics can build them."]

New research may draw a 'curtain of fire' on dinosaur extinction theory

By Staff Writers, Space Daily, Nov 24, 2015

http://www.spacedaily.com/reports/New_research_may_draw_a_curtain_of_fire_on_dinosaur_extinction_theory_999.html

Link to paper: 'Selective environmental stress from sulfur emitted by continental flood basalt eruptions'

By Schmidt, et al, Nature Geoscience, Nov 23, 2015

<http://www.nature.com/ngeo/journal/vaop/ncurrent/full/ngeo2588.html>

Tropical fossil forests unearthed in Arctic Norway

By Staff Writers, Cardiff, UK (SPX) Nov 24, 2015

[http://www.terraily.com/reports/Tropical fossil forests unearthed in Arctic Norway 999.htm](http://www.terraily.com/reports/Tropical_fossil_forests_unearthed_in_Arctic_Norway_999.htm)
1

Acidic Waters

Ocean Acidification? Species Extinction? Does evidence support the claim?

Press Release by Staff Writers, Frontier Centre for Public Policy, Nov 24, 2015

<http://www.newswire.ca/news-releases/some-believe-that-ocean-acidification-is-caused-by-rising-man-made-co2-levels-in-the-atmosphere-and-that-it-will-result-in-the-mass-extinction-of-marine-species-dr-patrick-moore-begs-to-differ-553146581.html>

Link to paper: Ocean “Acidification” Alarmism in Perspective

By Patrick Moore, Frontier Centre, Nov 2015

<https://fcpp.org/sites/default/files/documents/Moore%20-%20Ocean%20Acidification%20Alarmism.pdf>

Un-Science or Non-Science?

How crop prices and climate variables affect yield and acreage

By Staff Writers, Urbana IL (SPX), Nov 24, 2015

http://www.biofueldaily.com/reports/How_crop_prices_and_climate_variables_affect_yield_and_acreage_999.html

"Using predictions from a variety of climate models, we simulated what the changes would imply for corn and soybean yields,"

[SEPP Comment: Yet yields are booming!]

Lowering Standards

Unless we act now: The impact of climate change on children

By Staff Writers, UNICEF, Nov 2015 [H/t WUWT]

http://www.unicef.org/publications/index_86337.html

[SEPP Comment: A litany of future grave threats based on a biased consensus.]

Nurse's last hurrah

By Andrew Montford, Bishop Hill, Nov 24, 2015

<http://bishophill.squarespace.com/blog/2015/11/24/nurses-last-hurrah.html>

Communicating Better to the Public – Make things up.

Weather disasters have doubled in recent decades, UN reports

By Marlowe Hood, with Benjamin Simon, AFP, Nov 23, 2015 [H/t Clyde Spencer]

<http://news.yahoo.com/climate-deal-urgent-disasters-kill-600-000-20-101956629.html>

UN body: IPCC talking out of hat

By Andrew Montford, Bishop Hill, Nov 27, 2015

<http://bishophill.squarespace.com/blog/2015/11/27/un-body-ipcc-talking-out-of-hat.html>

The perils of being a mouthpiece

By Andrew Montford, Bishop Hill, Nov 25, 2015

<http://www.bishop-hill.net/blog/2015/11/25/the-perils-of-being-a-mouthpiece.html>

John Kerry channels Paul Ehrlich with doomsday predictions of climate change and threats to national security

Guest essay by Eric Worrall, WUWT, Nov 21, 2015

<http://wattswiththat.com/2015/11/21/did-john-kerry-just-threaten-climate-opponents-with-state-security/>

Why are so many Americans skeptical about climate change? A study offers a surprising answer.

By Joby Warrick, Washington Post, Nov 23, 2015

<https://www.washingtonpost.com/news/energy-environment/wp/2015/11/23/why-are-so-many-americans-skeptical-about-climate-change-a-study-offers-a-surprising-answer/>

[SEPP Comment: Complete with a propaganda photo of smoke blacking the skies with the caption "Emissions spew from the smokestacks at Westar Energy's Jeffrey Energy Center coal-fired power plant near St. Mary's, Kan. (AP)"]

Communicating Better to the Public – Do a Poll?

Great News! Americans Don't Really Care About Climate Change

By David Harsanyi, The Federalist, Nov 20, 2015 [H/t Timothy Wise]

<http://thefederalist.com/2015/11/20/great-news-americans-dont-really-care-about-climate-change/>

[SEPP Comment: Based on a poll by the Pew Research Center, which is not a conservative organization.]

AP FACT CHECK: Most GOP candidates flunk climate science

By Seth Borenstein, AP, Nov 22, 2015

<http://bigstory.ap.org/article/3e946f29fa534a0b9c1d064b16e06b61/ap-fact-check-most-gop-candidates-flunk-climate-science>

[SEPP Comment: Another example why many political polls are misleading and often useless. Will the high scoring candidates carefully explain the empirical basis for differentiating between natural climate change and human cause? Will they explain how their plan will stop climate change, which has been ongoing far longer than humanity?]

'Fact' checking the U.S. presidential candidates

By Judith Curry, Climate Etc. Nov 27, 2015

<http://judithcurry.com/2015/11/27/fact-checking-the-u-s-presidential-candidates/#more-20495>

[SEPP Comment: Exposing the deceptive poll (above) for what it is.]

COP21: Public support for tough climate deal 'declines'

By Matt McGrath, BBC, Nov 27, 2015

<http://www.bbc.com/news/science-environment-34900474>

Communicating Better to the Public – Use Propaganda on Children

US kids' lawsuit over climate change gathers steam

By Kerry Sheridan, AFP, Nov 20, 2015 [H/t Clyde Spencer]

<http://news.yahoo.com/us-kids-lawsuit-over-climate-change-gathers-steam-022539503.html>

“They are calling on the US District Court of Oregon -- the state where most of the plaintiffs live -- to order the government to ‘swiftly phase down carbon dioxide emissions’ so that atmospheric CO2 concentrations “are no more than 350 parts per million by 2100.”

“The plaintiffs, aged eight to 19, include the granddaughter of renowned climate scientist James Hansen, formerly of NASA and a well-known advocate of reducing the greenhouse gases that are causing the planet to heat up.”

[SEPP Comment: Using children for propaganda.]

Expanding the Orthodoxy

Harnessing the power of MIT alumni

By Staff Writers, Climate CoLab, Accessed Nov 24, 2015 [H/t Ronald Sundelin]

<http://climatecolab.org/web/guest/plans/-/plans/contestId/1303301>

Prosecute the profiteers of climate doom

By Monckton of Brenchley, Nov 21, 2015

<http://climatecolab.org/web/guest/plans/-/plans/contestId/1303301/phaseId/1312704/planId/1325311>

Answering the question: What is the most effective thing that MIT alumni can do to help implement the MIT Plan for Action on Climate Change?

[SEPP Comment: In addition to Monckton's answer, the answers include: Large scale composting to lock up carbon; Convert carnivores to vegans; Energy from Ocean Currents (not Tides, but Gulf Stream); The Global 50/50 Lottery; Towards a Pet-free Boston!]

Questioning European Green

On The Brink: Emergency Power Grid Stabilization Measures Alone By Tennet To Cost Germans 500 Million Euros In 2015!

By P Gosselin, No Tricks Zone, Nov 22, 2015

<http://notrickszone.com/2015/11/22/on-the-brink-emergency-power-grid-stabilization-measures-alone-by-tennet-to-cost-germans-500-million-euros-in-2015/#sthash.aDpUdbDK.dpbs>

[SEPP Comment: Interesting concept – to keep the load balanced on the grid, additional generation is used in one part of the grid to counter over-generation in another part.]

Germany's green sticker shock

The laboratory for the planet's most progressive climate policies discovers hidden costs and unintended consequences.

By Matthew Karnitschnig, Politico, Nov 25, 2015 [H/t Dennis Ambler]

<http://www.politico.eu/article/the-good-green-german-gets-sticker-shock/>

On Eve Of Paris Climate Summit, Britain Sends Out Warning On Cost Of Renewable Energy

By Griff Wittle, Washington Post, Nov 21, 2015

<http://www.thegwpf.com/on-eve-of-paris-climate-summit-britain-sends-out-warning-on-cost-of-renewable-energy/>

Renewable energy: Many green power plants planned for UK 'will not be built'

The development will make it even harder for Britain to meet its ambitious climate change targets

By Tom Bawden, Independent, UK, Nov 26, 2015

<http://www.independent.co.uk/environment/renewable-energy-many-green-power-plants-planned-for-uk-will-not-be-built-a6750586.html>

“A wind turbine will power the Christmas lights on the Champs-Élysées in Paris.”

[SEPP Comment: Without back-up?]

UK climate diplomats face axe after COP21 Paris summit

By Ed King, Climate Change News, Nov 25, 2015

<http://www.climatechangenews.com/2015/11/24/uk-climate-diplomats-face-axe-after-cop21-paris-summit/>

Funding Issues

The developed world should practice what it preaches: Prakash Javadekar

Interview with Minister of environment, forest & climate change

By Nitin Sethi, Business Standard, India, Nov 19, 2015

http://www.business-standard.com/article/economy-policy/the-developed-world-should-practice-what-it-preaches-prakash-javadekar-115111901405_1.html

“We are fighting for a cause. We are not asking money for India. We are 17% of the world's population, are we saying give us 17% of the funds? No we are not. Actually, we are fighting for all developing countries.”

The Political Games Continue

NOAA chief tells lawmaker: No one will ‘coerce the scientists who work for me’

By Lisa Rein, Washington Post, Nov 24, 2015 [H/t Clyde Spencer]

https://www.washingtonpost.com/news/federal-eye/wp/2015/11/24/noaa-chief-to-lawmaker-on-climate-change-inquiry-i-will-not-allow-anyone-to-coerce-the-scientists-who-work-for-me/?tid=pm_politics_pop_b

Litigation Issues

Keeping up the heat on the UK Supreme Court

By Christopher Monckton of Brenchley, WUWT, Nov 21, 2015

<http://wattsupwiththat.com/2015/11/21/keeping-up-the-heat-on-the-uk-supreme-court/>

Washington State Judge: Constitutional Obligation to Act on Global Warming

Guest essay by Eric Worrall, WUWT, Nov 20, 2015

<http://wattsupwiththat.com/2015/11/20/washington-state-judge-constitutional-obligation-to-act-on-global-warming/>

Subsidies and Mandates Forever

Green Madness: Renewable Energy Bosses Cash In On Diesel

By Josh Boswell and Jonathan Leake, The Sunday Times, Via GWPF, Nov 22, 2015

<http://www.thegwpf.com/green-madness-renewable-energy-bosses-cash-in-on-diesel/>

[SEPP Comment: What better use is there for land in subsidized wind farms that using the balance for subsidized diesel farms need for back-up?]

U.S. onshore wind power becoming mainstream

Commercial offshore wind development the next frontier for U.S. renewables.

By Daniel Graeber, UPI, Nov 19, 2015 [H/t Toshio Fujita]

http://www.upi.com/Business_News/Energy-Industry/2015/11/19/US-onshore-wind-power-becoming-mainstream/2021447939729/

[SEPP Comment: Why does an “entrenched”, “mainstream power source” continue to need subsidies?]

EPA and other Regulators on the March

What Happens When Environmentalists Ignore Both Science and Economics

By Alan Carlin, Carlin Economics and Science, Nov 27, 2015

<http://www.carlineconomics.com/archives/2309>

Energy Issues – Non-US

Make it cheaper to go green

By Bjorn Lomborg, Boston Globe, Nov 18, 2015
<https://www.bostonglobe.com/opinion/2015/11/17/make-cheaper-green/kXP9ELLtd2PGP3KV5IX0uK/story.html>

National Grid Facing Winter Energy Crunch

By Staff Writers, Sky News, UK, Nov 24, 2015 [H/t GWPF]
<https://uk.news.yahoo.com/national-grid-facing-winter-energy-crunch-153637445.html#Q7TFtJa>

Energy Issues -- US

Ted Koppel and the Electric Grid

By Norman Rogers, American Thinker, Nov 21, 2015
http://www.americanthinker.com/articles/2015/11/ted_koppel_and_the_electric_grid.html
[SEPP Comment: Solid overview of the electrical grid, dispensing with common myths. Link to a more detailed presentation on the grid, and its adjustments.]

Oil and Natural Gas – the Future or the Past?

Big Oil: Which Are The Top 10 Biggest Oil Companies?

By Nick Cunningham, Oil Price.com, Nov 24, 2015
<http://oilprice.com/Energy/Crude-Oil/Big-Oil-Which-Are-The-Top-10-Biggest-Oil-Companies.html>

What it costs to produce oil

By Alanna Petroff and Tal Yellin, CNN Money, Nov 23, 2015
<http://money.cnn.com/interactive/economy/the-cost-to-produce-a-barrel-of-oil/index.html?sr=twmoney112715the-cost-to-produce-a-barrel-of-oil1208PMN/ALink&linkId=19086477>
[SEPP Comment: If accurate, petro-states make sizable profits from high oil prices.]

Saudis Planning For A War Of Attrition In Europe With Russia's Oil Industry

By Staff Writers, Peak Oil, Nov 20, 2015 [H/t Toshio Fujita]
<http://peakoil.com/publicpolicy/saudis-planning-for-a-war-of-attrition-in-europe-with-russias-oil-industry>

EIA: Texas oil standout for U.S. shale

By Daniel J. Graeber, Washington (UPI), Nov 24, 2015
http://www.oilgasdaily.com/reports/EIA_Texas_oil_standout_for_US_shale_999.html

Nuclear Energy and Fears

Cold testing complete at UK vitrification plant

By Staff Writers, WNN, Nov 20, 2015
<http://www.world-nuclear-news.org/WR-Cold-testing-complete-at-UK-vitrification-plant-2011157.html>

Alternative, Green ("Clean") Solar and Wind

Obama green energy project Abengoa [in Spain] on verge of bankruptcy; demise recalls Solyndra

By Ben Wolfgang, The Washington Times, Nov 25, 2015
<http://www.washingtontimes.com/news/2015/nov/25/abengoa-obama-green-energy-project-on-verge-of-ban/>

Wind makes electricity expensive and unreliable without cutting emissions

By preventing investment in gas, the dash for wind has done real harm

Matt Ridley, Rational Optimist, Nov 15, 2015

<http://www.rationaloptimist.com/blog>

- 1) wind power has not cut emissions
- 2) wind power has raised the cost of electricity
- 3) wind speeds are correlated across Europe
- 4) wind has made the system less reliable.

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

Sweden sets goal of fossil-free economy

By Daniel J. Graeber, Stockholm, Sweden (UPI) Nov 24, 2015

http://www.oilgasdaily.com/reports/Sweden_sets_goal_of_fossil-free_economy_999.html

[SEPP Comment: Not mentioned are the benefits of hydro-power and pumped storage in a mountainous country.]

Alternative, Green (“Clean”) Vehicles

Are Stringent Vehicle Emissions Standards Driving a Surge in Coal?

Guest essay by Eric Worrall, WUWT, Nov 22, 2015

<http://wattsupwiththat.com/2015/11/22/are-stringent-vehicle-emissions-standards-driving-a-surge-in-coal/>

Carbon Schemes

UK scraps one billion pound carbon capture technology scheme

By Susanna Twidale, Reuters, Nov 25, 2015 [H/t Clyde Spencer]

<http://news.yahoo.com/uk-scraps-one-billion-pound-carbon-capture-technology-181039097--sector.html>

Environmental Industry

There’s Big Money in Global Warming Alarmism

By William M Briggs, The Stream, Nov 27, 2015

<https://stream.org/big-money-in-global-warming-alarmism/>

How green megadonors built a bogus campus anti-carbon drive

By Thomas Pyle, New York Post, Nov 18, 2015

<http://nypost.com/2015/11/18/how-green-megadonors-built-a-bogus-campus-anti-carbon-drive/>

Other Scientific News

ESA ready to begin year-long relativity experiment using salvaged satellites

By Kelly Hodgkins, Yahoo, Nov 17, 2015 [H/t Clyde Spencer]

<http://news.yahoo.com/satellite-faux-pas-opens-door-214337705.html>

[SEPP Comment: See comments by Fred Singer in Article # 1.]

Scientific Consensus Is Almost Never Wrong — Almost

By Joel N. Shurkin, Inside Science, Nov 20, 2015 [H/t Timothy Wise]

<https://www.insidescience.org/content/scientific-consensus-almost-never-wrong-%E2%80%94-almost/3426>

Adapting to -70 degrees in Siberia: a tale of Yakutian horses

By Staff Writers, Faculty of Science, University of Copenhagen, Nov 23, 2015 [H/t Jo Nova]

<http://www.science.ku.dk/english/press/news/2015/adapting-to--70-degrees-in-siberia-a-tale-of-yakutian-horses/>

Clues emerge about the earliest known Americans

By Staff Writers, Nashville TN (SPX), Nov 25, 2015

http://www.terraily.com/reports/Clues_emerge_about_the_earliest_known_Americans_999.html

Earth's Riverine Bloodstream

Flowing down rivers are clues to how our whole planet works

By Jordon Hemingway, Oceanus, Nov 23, 2015

<http://www.who.edu/oceanus/feature/earths-riverine-bloodstream>

Tracking down the 'missing' carbon from the Martian atmosphere

By Staff Writers, Pasadena CA (SPX), Nov 26, 2015

http://www.marsdaily.com/reports/Tracking_down_the_missing_carbon_from_the_Martian_atmo_sphere_999.html

Link to paper: Tracing the fate of carbon and the atmospheric evolution of Mars

By Hu, Kass, Ehlmann & Yung, Nature Communications, Nov 24, 2015

<http://www.nature.com/ncomms/2015/151124/ncomms10003/full/ncomms10003.html>

Other News that May Be of Interest

Relatively Speaking, We Messed Up

By Staff Writers, National Academies Press, To Nov 30, 2015

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Einstein Defiant:

Genius Versus Genius in the Quantum Revolution (2004)

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[revolution?utm_source=NAP+Newsletter&utm_campaign=2412513bfb-](http://www.nap.edu/catalog/10737/einstein-defiant-genius-versus-genius-in-the-quantum-revolution?utm_source=NAP+Newsletter&utm_campaign=2412513bfb-Theory_of_Relativity_Update_11_25_2015&utm_medium=email&utm_term=0_96101de015-2412513bfb-102612249&goal=0_96101de015-2412513bfb-102612249&mc_cid=2412513bfb&mc_eid=fdb78e2328)

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BELOW THE BOTTOM LINE:

Cartoons by Josh Calendar 2016 [How to order]

By Andrew Montford, Bishop Hill, Nov 27, 2015

<http://bishophill.squarespace.com/blog/2015/11/27/cartoons-by-josh-calendar-2016.html>

What's the carbon footprint of an email?

By Joshua Melvin, AFP, Nov 26, 2015 [H/t Clyde Spencer]
<http://news.yahoo.com/whats-carbon-footprint-email-102042606.html>
Validation not included!

Quote of the day, science with Guardian characteristics edition

By Andrew Montford, Bishop Hill, Nov 23, 2015
<http://bishophill.squarespace.com/blog/2015/11/23/quote-of-the-day-science-with-guardian-characteristics-edition.html>

“Without a Paris agreement, global warming is set to reach as much as 5C (41F) above pre-industrial levels. Scientists estimate that warming above 2C (35.6F)...”

“Fiona Harvey, award winning environment writer for the Guardian, struggles with mathematics.”

In their own words

or – “I thought this was all about science.”

By Staff Writers, Climate Change Predictions.org, Nov 26, 2015
<http://climatechangepredictions.org/uncategorized/5475>

“It is no secret that a lot of climate-change research is subject to opinion, that climate models sometimes disagree even on the signs of the future changes (e.g. drier vs. wetter future climate). The problem is, only sensational exaggeration makes the kind of story that will get politicians’ — and readers’ — attention.”

“So, yes, climate scientists might exaggerate, but in today’s world, this is the only way to assure any political action and thus more federal financing to reduce the scientific uncertainty.”

[*Monika Kopacz, NOAA Program Manager 2009 – letter to The New York Times, Apr. 12 2009*](#)

“No matter if the science of global warming is all phony, there are still collateral environmental benefits to global warming policies... climate change provides the greatest opportunity to bring about justice and equality in the world.”

[*Christine Stewart, then Canadian Minister of the Environment, speaking before editors and reporters of the Calgary Herald, 1998*](#)

“He [Al Gore] impressed us all at Deutsche Bank Asset Management. We invited him to an internal meeting in April 2007 during which we discussed the issue of climate change extensively.”

“A few months later, he received the Nobel Peace Prize for his commitment. We then created a fund that invests in companies that position themselves as climate-neutral.”

“Within two months almost 10 billion dollars flowed into this fund. Can you imagine? 10 billion! There has never been such an overwhelming success.”

[*Kevin Parker, Director of Global Asset Management, Deutsche Bank, Frankfurter Allgemeine Zeitung, Nov 15 2010*](#)

“Some colleagues who share some of my doubts argue that the only way to get our society to change is to frighten people with the possibility of a catastrophe, and that therefore it is all right and even necessary for scientists to exaggerate. They tell me that my belief in open and honest assessment is naïve.”

” ‘Wolves deceive their prey, don’t they?’ one said to me recently. Therefore, biologically, he said, we are justified in exaggerating to get society to change.”

[*emeritus professor Daniel Botkin, president of the Center for the Study of the Environment and*](#)

professor emeritus in the Department of Ecology, Evolution and Marine Biology at the University of California, Wall St Journal 17 Oct 2007

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ARTICLES:

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Einstein, Your GPS (and Me)

By S. Fred Singer, American Thinker, Nov 27, 2015

http://www.americanthinker.com/articles/2015/11/einstein_your_gps_and_me.html

SUMMARY: Just 100 years ago, Einstein announced his General Theory of Relativity. Four decades later, Fred Singer used it to calculate the rate of a clock orbiting the Earth. It has turned out to be of importance for the GPS system, which depends on accurate clocks in navigation satellites.

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