

The Week That Was: 2015-02-21 (February 21, 2015)
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The Science and Environmental Policy Project

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Quote of the Week: *“In climate research and modelling, we should recognize that we are dealing with a coupled-nonlinear chaotic system, and therefore that long-term prediction of future climate states is not possible.”* IPCC Third Assessment Report (2001), Section 14.2.2.2, page 774 [H/t Cristopher Essex.]

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Number of the Week: 8%

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THIS WEEK:

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

Sea Level Change: The threat of global warming is no longer intensely promoted by governments. No significant temperature rise for over a decade has had its effects. The threat of climate change is apparently wearing thin with the public. Perhaps the public realizes that the climate has been changing for hundreds of millions of years, long before humanity existed. It appears that some governments, including the US Administration, are using the threat of significant sea level rise to compel the public to do their bidding.

As with carbon dioxide-caused global warming, the threat of sea level rise has an element of truth, which is then greatly exaggerated. Sea levels have risen about 400 feet (120 meters) since the maximum extent of the last glaciation, about 18,000 to 20,000 years ago. Prior to 5,000 years ago, sea level rise was rapid as the massive ice sheets covering much of North America and Eurasia melted. Since then, the rise has moderated, with only two massive ice land-grounded sheets remaining – Greenland and Antarctica. [The melting of floating ice does not contribute to sea level rise.] Ever-enterprising groups, usually funded by governments, often focus on the West Antarctic Ice Sheet, which is partially grounded, ignoring the bulk of the continent and the East Antarctic Ice Sheet, which contribute little to current sea level rise, if anything.

The October 4, 2014, TWTW discussed a significant study on sea level rise for coastal management policy by the independent, Nongovernmental International Panel on Climate Change (NIPCC). Although the report is focused on sea level rise for New South Wales, AU, the general principles apply world-wide.

“World-wide, sea-level rise varies significantly by location and time frame. No effective coastal management plan can rest upon speculative computer projections of idealized future sea levels, such as those used by the IPCC. If the computer modelers have not bothered to validate their models, there is no reason to assume they are valid.

“Coastal management must instead rest upon accurate knowledge of local geological, meteorological and oceanographic conditions, including, amongst other things, changes in local relative sea level.

“The three general guidelines provided are: 1) abandon global sea-level rise policy, 2) recognize the local or regional nature of coastal hazards, and 3) use planning controls that are flexible and adaptive.”

On July 5, 2014 the Global Warming Policy Foundation (GWPF) issued a report titled: “Sea-Level Change: Living with Uncertainty” by Willem de Lange and Robert M. Carter with a forward by Vincent Courtillot. [Note that Robert Carter was a principal author in both reports.]

Although more general, the GWPF report reaches similar conclusions as the NIPCC report. Sea level rise is chiefly a local and regional issue with a global component. Due to plate tectonics, in parts of the world, local sea levels are falling (Scandinavia with rebound from the melting ice sheets) in other parts of the world local sea levels are rising.

The global influences include: 1) changes in the ocean basin volume (tectonic and sedimentary); 2) changes in seawater density (variation in ocean temperature or salinity); and 3) changes in volume of water (melting or freezing of land-based ice).

Ocean basin volume changes occur too slowly to be significant over human lifetimes and it is therefore the other two mechanisms that drive contemporary concerns about sea-level rise.

Warming temperature in itself is only a minor factor contributing to global sea-level rise, because seawater has a relatively small coefficient of expansion and because, over the timescales of interest, any warming is largely confined to the upper few hundred metres of the ocean surface.

The melting of land ice – including both mountain glaciers and the ice sheets of Greenland and Antarctica – is a more significant driver of global sea-level rise. (p.11 of GWPF report)

...tide-gauge measurements indicate that global sea-level has been rising at a rate of about 1.8 mm/y for the last 100 years, whereas the shorter satellite record suggests a rise of more than 3 mm/y. However, a recent reanalysis of the satellite data, alongside the possible contributions from recent warming and ice-melt estimates, has given a rise of 1.3 ± 0.9 mm/y for 2005–2011, which is more consistent with the tide-gauge measurements (Leuliette, 2012). (p. 12)

... the influence of major ocean circulation systems that redistribute heat and mass through the oceans. The upshot of these processes is that at any location around or within the oceans, the observed sea-level behaviour can differ significantly from the smoothed global average. Furthermore, when attempts are made to estimate global sea-level from studies at specific locations, it is found to constantly vary through time. (p. 12).

In addition to the position of the coastline to the sea, local influences include rise or fall of land, supply of sediment, weather and climate, oceans (waves, tides, storms, and tsunamis). In some areas such as the mid-Atlantic states of the US, ground water extraction may be an important issue.

Because they represent a worldwide average, neither the tide-gauge nor the satellite estimates of global sea-level have any useful application per se to coastal management in specific locations. (p. 12).

In summary, the use of general sea level models to predict local sea level rise or fall, without validation from long-term local observations, is no more based on empirical science than the use

of general climate models, which have not been validated, to predict local or regional climate change. See links under Challenging the Orthodoxy – NIPCC and Challenging the Orthodoxy.

Going Personal Too Little, Too Late? There seems to be an effort to reduce the rhetoric that is polarizing what should be scientific issues about global warming/climate change. One of the latest appeared in the US edition of *The Conversation*, pleading for a toning down of labels such as deniers and alarmists. TWTW tries to avoid such labels, and to focus on the science. However, it does link to articles that use such labels, even in the titles, if the articles contain a useful discussion of scientific or policy issues. Also, it is difficult to ignore the decades-long attacks against those daring to question the science rigor in the reports of the UN Intergovernmental Panel for Climate Change (IPCC) and similar entities such as the US Climate Change Research Program (USCCRP). Many of the scientific criticisms against the IPCC are bearing out. It is becoming increasingly evident that the models relied on by the IPCC are failing, and the IPCC's assertions of what causes changes in climate are fallacious.

All too frequently, those leading such attacks without producing the physical evidence, such as Naomi Oreskes and Erik Conway in *Merchants of Doubt*, have been honored by once respected scientific institutions. One cannot take this history back. The issue is the integrity of empirical science and its actors, as we move on. Will the general press be condemned by both sides for accompanying an article on carbon dioxide, or global warming/climate change, with a photo of a coal-fired power plant emitting condensing steam appearing to blacken the sky? [These are often taken under special lighting conditions or using special lenses, giving the false impression that carbon dioxide, which is invisible, is dark.] Will the authors of the article condemn the current attack on Willie Soon, who is co-author of a paper suggesting that a simple model outperforms the government-funded, complex climate models in predicting current temperature trends? See links under Seeking a Common Ground, Communicating Better to the Public – Exaggerate, or be Vague? and Lowering Standards, and in the Feb 14, TWTW, Models v. Observations, and Communicating Better to the Public – Go Personal.

Evidence-Free? In light of the prior comments to avoid labels and the comments on sea level rise, it is difficult to succinctly describe the 2015 report by the New York City Panel on Climate Change. This panel includes climate researchers who are involved with the IPCC and the USCCRP. A major finding is that the city may experience a sea level rise of up to 6 feet (2 meters) by the end of the century. This is a greater rate of rise that has been documented during the melting of the great ice sheets after the maximum extend of the last ice age. Other findings have a similar tone. There is no empirical evidence given for such findings.

In the past, one could call the report alarmist. But in order to tone down the labels, TWTW will describe it as Evidence-Free Assertions. See links under Un-Science or Non-Science?

Litigation Change? Based on SEPP's experience with litigating against the EPA's finding that human emissions of greenhouse gases, particularly CO₂, endangers human health (Endangerment Finding (EF)), one of the characteristics of the Federal Courts of Appeal is that they will defer to the findings of the EPA or other government agencies. In effect, they will not tolerate challenges to what these agencies claim are science. The Supreme Court had a similar attitude.

A group of attorneys have suggested that an alternative approach would be to litigate under the Information Quality Act, also known as the Data Quality Act. This approach may put such

litigation under the guidelines of the Office of Management and Budget rather than the Clean Air Act. SEPP is not qualified to comment on these legal technicalities.

However, in the EPA EF there are two deficiencies that clearly stand out and, if properly presented, should be understood by judges. One deficiency is the lack of a pronounced “hot spot” centered over the tropics at about 33,000 feet (10 km). EPA falsely claimed it is a human fingerprint, but it would occur no matter what the cause of the warming. The second deficiency is the failure of the climate models to predict the current trend of no warming. See links under Litigation Issues.

Restoring Rigor in Government Science? Several commentators are suggesting that the new Congress will begin making demands on the EPA, NASA, and the National Oceanic and Atmospheric Administration (NOAA) to substantiate certain parts of the science used for press releases and reports. One such demand may be to substantiate the data manipulation in the historic temperature network, particularly that for the US. No doubt, those who have participated in the manipulation will have slick answers, and the effort may get bogged down.

An alternative approach may be to ask for proof of the “hot spot”, which no one can empirically find. A second alternative approach may be to demonstrate how the climate models have been validated, which they have not. In SEPP’s view, and the view of many others, models that have not been validated should not be used to justify long-term policy. The EPA anti-coal campaign is long-term policy. See links under The Political Games Continue and EPA and other Regulators on the March

Computers v. Climate: The quote of the week comes from a presentation by mathematician Christopher Essex who asserts that computer models cannot reproduce the physics of the climate and the mathematics for predicting future climate have not been solved. He explains his views in a presentation to the Global Warming Policy Foundation. Resolution is one of the many problems. For example, thunderstorms transfer a great deal of energy from the surface to the atmosphere. Yet, they do not show up in the models. See links under Challenging the Orthodoxy.

Circular Reasoning: On the Watts Up With That web site (WUWT), Bob Tisdale discusses a report by the Australia Academy of Science. The discussion illustrates why SEPP considers the IPCC’s proof of human cause of global warming to be circular. See link under Lowering Standards.

BP Report: BP has released its Energy Outlook, which has been long respected in the industry. Not surprisingly, BP expects that for the next 20 years, world-wide economic growth will place increasing demand (more consumption) on fossil fuels. In spite of unsubstantiated claims from their promoters, solar, wind, and bio-fuels are failing, when compared with inexpensive, reliable coal, oil, and natural gas. See links under Energy Issues – Non-US.

Asthma: Last week TWTW stated that it does not know what conditions are needed to diagnose asthma. Reader Dennis Ambler wrote that it may be over diagnosed in a number of countries and provided examples: “Although it is true that some people may receive treatment for asthma when they currently don’t have symptoms, this does not necessarily mean that they don’t have asthma.” From Asthma, UK <http://www.nhs.uk/news/2015/02February/Pages/Is-asthma-being-over-diagnosed.aspx>

“In 2010 a Canadian study had already claimed similar over-diagnosis: Over the past three decades there has been a dramatic increase in the incidence and prevalence of asthma in North America. However, it unclear if the increased incidence of new asthma diagnoses in developed countries is appropriate, or if asthma is being over diagnosed in developed countries due to an increased awareness of asthma amongst health care providers and patients.

“We concluded that 30% of patients with a previous physician diagnosis of asthma did not have asthma when objectively assessed.”

<http://www.ersj.org.uk/content/early/2010/01/14/09031936.00165109.full.pdf>

On July 22, 2010, then-EPA Administrator Lisa Jackson stated to the Congressional Black Caucus in a White House Briefing: "The important thing to know about the Clean Air Act is that bar none, it is the most cost effective environmental statute in the country. It's 13 to 1 is usually the number used, health benefits to cost. Think to your mind, **13 times benefits for children who are going to emergency rooms to get healthcare for asthma.**" (Boldface added).

Chris Horner of CEI gave SEPP a copy one of the communications to Lisa Jackson he obtained under the Freedom of Information Act. The email was addressed to a Richard Windsor, an alias used by Jackson to avoid the Freedom of Information Act. The subject was Strategic Communications and was dated March 18, 2009 – early in the Administration.

Unfortunately, climate change in the abstract is an increasingly – and consistently – unpersuasive argument to make. However, if we shift from making this about the polar caps and about our neighbor with respiratory illness, we can potentially bring this issue home to many Americans ...

...By revitalizing our own Children's Health Office, leading the global charge on this issue, and highlighting the children's health dimension to all our major initiatives – we will also make this issue real for many American who otherwise would oppose many of our regulatory actions.

Additions and Corrections: The first paragraph of the last TWTW was poorly written, for which Ken Haapala is responsible. With no operating staff, and limited time-frames, sometimes errors get by the proof-readers, who volunteer their time. We try to avoid such errors to the extent possible.

Number of the Week: 8% The *BP Energy Outlook 2015* projects that in 2035 only 8% of the total world's energy will come from renewables, including bio-fuels, but excluding hydro (in tonne oil equivalents). H/t P Gosselin. See links under Energy Issues – Non-US.

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ARTICLES:

Please note that articles that are not linked or summarized here are reproduced in the Articles Section of the full TWTW that can be found on the web site under the date of the TWTW.

1. Into the Brave New World of Geo-engineering

By S. Fred Singer, American Thinker, Feb 19, 2015

http://www.americanthinker.com/articles/2015/02/into_the_brave_new_world_of_geoengineering.html

Geo-engineering aims to develop technologies to counter hypothetical greenhouse warming. But current studies largely ignore less costly and relatively risk-free schemes to cancel the quite realistic threat of a coming ice age that would cause major damage to humankind.

2. Fawly Towers and Ivory Towers

By Charles Battig, American Thinker, Feb 19, 2015

http://www.americanthinker.com/articles/2015/02/fawly_towers_and_ivory_towers.html

3. Our Plan for Countering Violent Extremism

Show the world the power of peaceful communities, and tackle bad governance that breeds frustration.

By John Kerry, WSJ, Feb 18, 2015

<http://www.wsj.com/articles/john-kerry-our-plan-for-countering-violent-extremism-1424305659>

[SUMMARY: Last year, Secretary of State John Kerry received SEPP's April Fools Lisa Jackson award. Among the many reasons, this wealthy man with a wealthy life-style claimed that global warming was a weapon of mass destruction. Without any empirical evidence, he claims the cause is human use of fossil fuels. On February 16, 2014 he gave a speech in Jakarta, Indonesia, to a group of students and government officials. Indonesia is a predominantly Muslim country, with extensive deposits of coal. Kerry implored that the country should not use these resources to foster economic development.

In this op-ed, Kerry insists that the most effective way to address extremism, especially Muslim extremism, is by promoting prosperity. China showed that prosperity can be created by expanding the use of fossil fuels. Apparently, Kerry does not realize this, and does not mention the incompatibility between his current claims and his assertions a year before, which centered on suppressing prosperity and a better way of life.]

4. No Water for You

The man-made drought continues even after rains in California.

Editorial, WSJ, Feb 16, 2015

<http://www.wsj.com/articles/no-water-for-you-1423871533>

[SUMMARY: Recent rains have replenished reservoirs in Northern California, but the drought continues in Sothern California. Yet, the environmental industry opposes the use of this water for the benefit of those in Southern California, particularly the farmers.

Last month the U.S. Bureau of Reclamation and the California Department of Water Resources petitioned the State Water Resources Control Board—an arm of the state Environmental Protection Agency responsible for regulating water rights and quality—to allow delta pump operators to export more water south during heavy inflows. The Bureau of Reclamation and Department of Water Resources sought to double the maximum pumping levels to a third of their capacity. They suggested that operators could ease up on pumping if salmon or smelt were found caught in the pumps. The U.S. Fish and Wildlife Service and National Marine Fisheries Service even concurred that higher pumping would not jeopardize endangered species.

“Yet, then the story followed the predictable pattern. The Natural Resources Defense Council sent a letter to State Water Resources Control Board executive director Tom Howard decrying the agencies’ proposal as “biologically unjustified” and “not being in the public interest.” Citing a “potential additional risk of entrainment” of fish, Mr. Howard rejected the request to pump more water south.]

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NEWS YOU CAN USE:

Commentary: Is the Sun Rising?

Fluctuating Atlantic ... German Experts Say “Things Could Become Very Bitter For The IPCC Forecast Models!”

The sun in January 2015 and Atlantic prognoses

By Frank Bosse and Fritz Vahrenholt, Translated, edited by P Gosselin. No Tricks Zone, Feb 17, 2015

<http://notrickszone.com/2015/02/17/fluctuating-atlantic-german-experts-say-things-could-become-very-bitter-for-the-ipcc-forecast-models/#sthash.KDSdS6Yk.j3L4a9YR.dpbs>

Challenging the Orthodoxy -- NIPCC

NIPCC Policy Brief – Sea Level Rise, New South Wales, AU

By Carter, et al, NIPCC, Sep 24, 2014

http://www.sepp.org/science_papers/NIPCC_NSW_Coastal.pdf

Challenging the Orthodoxy

Sea-Level Change: Living with Uncertainty

By Willem de Lange and Robert M. Carter with a Forward by Vincent Courtillot, GWPF, Jul 5, 2015

<http://www.thegwgf.org/content/uploads/2014/05/Sea-level-report.pdf>

Believing In Six Impossible Things Before Breakfast, And Climate Models

Why Computers Cannot Reproduce The Climate, Never Mind Predicting Its Future

By Christopher Essex, WUWT, Feb 20, 2015

<http://wattsupwiththat.com/2015/02/20/believing-in-six-impossible-things-before-breakfast-and-climate-models/>

Link to cartoons by Josh (Bishop Hill): <http://bishophill.squarespace.com/blog/2015/2/13/climate-impossible-josh-314.html>

Petroleum: A magnificent but much maligned resource

By Steve Goreham, Communities Digital News, Feb 17, 2015

<http://www.commdiginews.com/business-2/petroleum-a-magnificent-material-much-maligned-36532/>

Thanks To IPCC Public Doesn't Know Water Vapor Is Most Important Greenhouse Gas

By Tim Ball, A Different Perspective, Feb 11, 2015

<http://drtimball.com/2015/thanks-to-ipcc-public-doesnt-know-water-vapor-is-most-important-greenhouse-gas/>

[SEPP Comment: Human influence on temperatures must be high, because that is how we created it?]

A new book in which I have a chapter: Climate Change: The Facts

By Anthony Watts, WUWT, Feb 14, 2015

<http://wattsupwiththat.com/2015/02/14/a-new-book-in-which-i-have-a-chapter-climate-change-the-facts/>

Jim Hansen's 99% Surety on Global Warming Doesn't Hold Up

By Pat Frank, WUWT, Feb 18, 2015

<http://wattsupwiththat.com/2015/02/18/jim-hansens-99-surety-on-global-warming-doesnt-hold-up/>

The Logarithmic Effect of Carbon Dioxide.

By Goeff Brown, Australian Climate Sceptics, Feb 19, 2015

<http://thetimescepticsparty.blogspot.com.au/2015/02/the-logarithmic-effect-of-carbon-dioxide-19.html>

Defending the Orthodoxy

The quickening for Paris has started: gravy-train begins PR avalanche

By Jo Nova, Her Blog, Feb 16, 2015

<http://joannenova.com.au/2015/02/the-quickening-for-paris-has-started-gravy-train-begins-pr-avalanche/>

Questioning the Orthodoxy

Joe Bastardi Schools Dr. Michael Mann On How To Read A Weather Chart ... Heavy Snow “Is Because It’s Cold”

By P Gosselin, No Tricks Zone, Feb 15, 2015

<http://notrickszone.com/2015/02/15/joe-bastardi-schools-michael-mann-on-how-to-read-a-weather-chart-heavy-snow-is-because-its-cold/#sthash.hArFm4zY.dpbs>

[SEPP Comment: Deep, light snow is more correct than heavy snow.]

Calm the Climate Alarmism in Dallas

By Sierra Rayne, American Thinker, Feb 18, 2015 [H/t Timothy Wise]

http://www.americanthinker.com/blog/2015/02/calm_the_climate_alarmism_in_dallas.html

German Analysis: “97 Percent Consensus” Does Not Exist ... Demands To End Debate Are “Way Off Sides”

The ninety seven percent problem: which consensus?

By Uli Weber (Translated/edited by P Gosselin), No Tricks Zone, Feb 20, 2015

<http://notrickszone.com/2015/02/20/german-analysis-97-percent-consensus-does-not-exist-demands-to-end-debate-are-way-off-sides/#sthash.Y7qxK7Mv.dpbs>

The Telegraph censors stories to appease advertisers. Science journals would never do that...

By Jo Nova, Her Blog, Feb 21, 2015

<http://joannenova.com.au/2015/02/the-telegraph-censors-stories-to-appease-advertisers-science-journals-would-never-do-that/#more-41133>

Twenty good reasons not to worry about polar bears

By Susan Crockford, Polar Bear Science, Feb 19, 2015

<http://polarbearscience.com/2015/02/19/twenty-good-reasons-not-to-worry-about-polar-bears/>

The Kyoto Protocol: 10 years of triumph

By Benjamin Zycher, AEI, Feb 18, 2015

<http://www.aei.org/publication/kyoto-protocol-10-years-triumph/>

[SEPP Comment: Based on the records of temperature, sea level rise, arctic sea ice, etc., the Kyoto Protocol was a success, even though the US Senate did not ratify it.]

The China – US Agreement?

No China Coal Peak in Sight: Carbon Capture Will be Necessary to Tame Emissions in this Century

By Armond Cohen, Energy Collective, Feb 19, 2015

<http://theenergycollective.com/armondcohen/2196341/no-china-coal-peak-sight-carbon-capture-will-be-necessary-tame-emissions-century>

Problems in the Orthodoxy

The UN Climate End Game

By David Archibald, WUWT, Feb 18, 2015

<http://wattsupwiththat.com/2015/02/18/the-un-climate-end-game/>

“The end game is world domination. With such a big prize – the biggest possible, facts aren’t even inconvenient. They are not part of the process.”

Limited climate change accord likely in Paris: IPCC expert

By Christian Spillmann Brussels (AFP) Feb 15, 2015

http://www.terradaily.com/reports/Limited_climate_change_accord_likely_in_Paris_IPCC_expert_999.html

Seeking a Common Ground

Public intellectuals in the climate space

By Judith Curry, Climate Etc. Feb 17, 2015

<http://judithcurry.com/2015/02/17/public-intellectuals-in-the-climate-space/#more-17797>

Deniers vs alarmists? It’s time to lose the climate debate labels

By Candice Howarth and Amelia Sharman, The Conversation, US, Feb 19, 2015 [H/t GWPF]

<http://theconversation.com/deniers-vs-alarmists-its-time-to-lose-the-climate-debate-labels-37765>

Are the oceans really dying?

By Ivo Vegter, Daily Maverick, (South Africa), Feb 16, 2015

<http://www.dailymaverick.co.za/opinionista/2015-02-16-are-the-oceans-really-dying/#.VONxhvnF98F>

Are Global Warming Skeptics On Wrong Side Of Science

Editorial, IBD, Feb 18, 2015 [H/t Timothy Wise]

<http://news.investors.com/ibd-editorials/021815-739842-skeptics-score-better-than-alarmists-on-climate-science.htm>

Can we stop the doom mongering?

By David Demming, WUWT, Feb 18, 2015

<http://wattsupwiththat.com/2015/02/18/can-we-stop-the-doom-mongering/>

Science is not a dogmatic body of doctrine. It is an open system of knowledge that establishes probable truths that are subject to continual revision.

More Numbers

By Andrew Montford, Bishop Hill, Feb 19, 2015

<http://bishophill.squarespace.com/blog/2015/2/19/more-numbers.html>

[SEPP Comment: Information on an upcoming special program to be aired by BBC.]

Review of Recent Scientific Articles by CO2 Science

The Impacts of Heat and Cold Leading to Hospitalizations in Korea

Son, J.-Y, Bell, M.L. and Lee, J.-T. 2014. The impact of heat, cold, and heat waves on hospital admissions in eight cities in Korea. *International Journal of Biometeorology* **58**: 1893-1903. Feb 18, 2015

<http://www.co2science.org/articles/V18/feb/a17.php>

Do Acidifying Oceans Portend the Eventual Demise of Copepods?

Pedersen, S.A., Hakedal, O.J., Salaberria, I., Tagliati, A., Gustavson, L.M., Jenssen, B.M., Olsen, A.J. and Altin, D. 2014. Multigenerational exposure to ocean acidification during food limitation reveals consequences for copepod scope for growth and vital rates. *Environmental Science & Technology* **48**: 12,275-12,284. Feb 18, 2015

<http://www.co2science.org/articles/V18/feb/a16.php>

Carbon Sequestration in Forest Soils: The Role of Added Nitrogen

Frey, S.D., Ollinger, S., Nadelhoffer, K., Bowden, R., Brzostek, E., Burton, A., Caldwell, B.A., Crow, S., Goodale, C.L., Grandy, A.S., Finzi, A., Kramer, M.G., Lajtha, K., LeMoine, J., Martin, M., McDowell, W.H., Minocha, R., Sadowsky, J.J., Templer, P.H. and Wickings, K. 2014. Chronic nitrogen additions suppress decomposition and sequester soil carbon in temperate forests. *Biogeochemistry* **121**: 305-316. Feb 17, 2015

<http://www.co2science.org/articles/V18/feb/a14.php>

Extinction (The Possibilities for Stationary Plants) – Summary

By Staff Writers, CO2 Science, Feb 13, 2015

<http://www.co2science.org/subject/e/summaries/plantextstationary.php>

West Coast of Norway to the Kola Peninsula of NW Russia

McCarroll, D., Loader, N.J., Jalkanen, R., Gagen, M.H., Grudd, H., Gunnarson, B.E., Kirchhefer, A.J., Friedrich, M., Linderholm, H.W., Lindholm, M., Boettger, T., Los, S.O., Remmele, S., Kononov, Y.M., Yamazaki, Y.H., Young, G.H.F. and Zorita, E. 2013. A 1200-year multiproxy record of tree growth and summer temperature at the northern pine forest limit of Europe. *The Holocene* **23**: 471-484. Feb 13, 2015

http://www.co2science.org/data/mwp/studies/11_westerneurope.php

Models v. Observations

Climate Propaganda from the Australian Academy of Science

By Bob Tisdale, WUWT, Feb 16, 2015

<http://wattsupwiththat.com/2015/02/16/climate-propaganda-from-the-australian-academy-of-science/>

Garth Paltridge: Climate Of Cherry-Picking

By Garth Paltridge, The Australian, Via GWPF, Feb 17, 2015

<http://www.thegwpf.com/garth-paltridge-climate-of-cherry-picking/>

Temperature Record Chicanery: An Overhyped Scandal

The real scandal is climate model failure

By Ronald Bailey, Reason.com, Feb 11, 2015

<http://reason.com/blog/2015/02/11/temperature-record-chicanery-an-overhype>

The Winter of 2070

By Cliff Mass, Weather Blog, Feb 18, 2015

<http://cliffmass.blogspot.com/2015/02/the-winter-of-2070.html>

[SEPP Comment: If the current warming of the West is indicative of what will occur in 2070, is the bitter cold and snow in the East and Midwest indicative of what will occur there?]

Model Issues

Response To Trenberth Over “Why Models Run Hot”

By William Briggs, His Blog, Feb 21, 2015

<http://wmbriggs.com/post/15346/>

“In our paper, we tried to show how a vastly simpler model than the kind Trenberth touts explains temperature better than more complex models. We *know*—as in *know*—that the complex models have something wrong with them. We know this because their forecasts do not match observations. What we did was to suggest a plausible explanation why this is so. Hey. We might be wrong. Assume we are. Assume our guess is invalid, our paper worthless, and that instead something else is wrong with Trenberth-style climate models.”

[SEPP Comment: If nature refuses to conform to climate models, is nature wrong?]

Theory on the Pause – climate science has ‘exhausted adjustment rationales’

By Ralph Park, WUWT, Feb 15, 2015

<http://wattsupwiththat.com/2015/02/15/theory-on-the-pause-climate-science-has-exhausted-adjustment-rationales/>

Measurement Issues

January 2015 Global Surface (Land+Ocean) and Lower Troposphere Temperature Anomaly & Model-Data Difference Update

By Bob Tisdale, WUWT. Feb 16, 2015

<http://wattsupwiththat.com/2015/02/16/january-2015-global-surface-landocean-and-lower-troposphere-temperature-anomaly-model-data-difference-update/>

Arctic Temperature Data From CLIMAS

By Paul Homewood, Not a Lot of People Know That, Feb 14 2015

<https://notalotofpeopleknowthat.wordpress.com/2015/02/14/arctic-temperature-data-from-climas/#more-13263>

[SEPP Comment: Cooling the past?]

Mischief with factoids

Global warming fanatics manipulate the facts to rescue a scam

Editorial, Washington Times, Feb 16, 2015 [H/t ACSP]

http://www.washingtontimes.com/news/2015/feb/16/editorial-climate-scientists-manipulate-data-to-su/?utm_source=RSS_Feed&utm_medium=RSS#ixzz3S2tGasHI

Record Keepers Cooked Global Temp Books

By Larry Bell, Newsmax, Feb 16, 2015

<http://www.newsmax.com/LarryBell/climate-global-warming-gore-co2/2015/02/16/id/624956/>

January 2015 second warmest on record

By Laura Barron-Lopez, The Hill, Feb 19, 2015

<http://thehill.com/policy/energy-environment/233219-january-2015-second-warmest-on-record>

“NOAA said on Thursday that land and ocean surfaces for January 2015 were the hottest for the month since record keeping began 135 years ago.

January 2007 still tops the charts for the warmest ever recorded.”

[SEPP Comment: No doubt the bitter cold in the east has not affected NOAA. It continues to ignore satellite data.]

Changing Weather

Historic snows has ‘natural climate change’ deniers spinning

By Staff Writer, ICECAP Feb 15, 2015

http://icecap.us/index.php/go/new-and-cool/historic_snows_has_climate_pause_deniers_spinning/

First of all as noted, the 90.2 inches of snow in the last 23 days in four nor’easters came from 5.02 inches of water. This 18 to 1 ratio is well above the normal 10-1 ratio in the ‘average storm. It is because the air is so cold with snow during the events falling with temperatures mostly in the teens.

The Origin of this Winter's Weather Anomalies: Is There A Global Warming Connection?

By Cliff Mass, Weather Blog, Feb 16, 2015

<http://cliffmass.blogspot.com/2015/02/the-origin-of-this-winters-weather.html>

[SEPP Comment: See link immediately below.]

A melting Arctic and weird weather: the plot thickens

By Jennifer Francis, The Conversation, US, Feb 18, 2015 [H/t Clyde Spencer]

http://theconversation.com/a-melting-arctic-and-weird-weather-the-plot-thickens-37314?utm_medium=email&utm_campaign=Latest+from+The+Conversation+for+February+18+2015&utm_content=Latest+from+The+Conversation+for+February+18+2015+CID_1184a9e38dde71059207f1c923c9915b&utm_source=campaign_monitor_us&utm_term=A%20melting%20Arctic%20and%20weird%20weather%20the%20plot%20thickens

[SEPP Comment: The Research Professor at Rutgers University with funding from NSF and NASA cannot bother with accurately reporting the recent ice increase in the Arctic or the melting of the 1920s. Rossby waves, the basis for her speculation, were identified in the 1930s.]

“The New England Glacier”! Dr. Ryan Maue: “Arctic Cold On Lockdown...Brutal”. Global Warming Gets Obliterated! Great Lakes “100% Frozen Over Next Week”! –

By P Gosselin, No Tricks Zone, Feb 19, 2015

<http://notrickszone.com/2015/02/19/the-new-england-glacier-dr-ryan-maue-arctic-cold-on-lockdown-brutal-global-warming-gets-obliterated-great-lakes-100-frozen-over-next-week/#sthash.UQnX0nGB.dpbs>

The New York Times' Laughable Climate Change Coverage

The end of snow? Not quite.

By Ira Stoll, Reason.com, Feb 16, 2015 [H/t GWPF]

<http://reason.com/archives/2015/02/16/the-new-york-timess-comical-climate-chan>

Whatever Happened to El Nino?

By Cliff Mass, Weather Blog, Feb 20, 2015

<http://cliffmass.blogspot.com/2015/02/whatever-happened-to-el-nino.html>

[SEPP Comment: The hoped-for big global warming event was not big time.]

African nations to invest in meteorology to 'save lives'

By Staff Writers, Praia, Cape Verde (AFP), Feb 14, 2015

http://www.terraily.com/reports/African_nations_to_invest_in_meteorology_to_save_lives_999.html

[SEPP Comment: Climate models are of little use.]

Great Lakes Rapidly Freezing Over

By Roy Spencer Global Warming, Feb 19, 2015

<http://www.drroyspencer.com/2015/02/great-lakes-rapidly-freezing-over/>

[SEPP Comment: Great Lakes are largely frozen over again this winter, as it happened last winter. Another record?]

Long, Cold Winter Makes Senator Look Like a Fool

By James Taylor, Somewhat Reasonable, Feb 20, 2015

<http://blog.heartland.org/2015/02/long-cold-winter-makes-senator-look-like-a-fool/>

Urbanization may affect the initiation of thunderstorms

By Staff Writers, London, UK (SPX), Feb 20, 2015

http://www.terraily.com/reports/Urbanization_may_affect_the_initiation_of_thunderstorms_999.html

Changing Climate

Researcher finds evidence of climate change in ancient Northern China

By Staff Writers, Waco TX (SPX), Feb 19, 2015

http://www.terraily.com/reports/Baylor_researcher_finds_first_ever_evidence_of_climate_change_in_ancient_Northern_China_999.html

The Intermittent Little Ice Age

By Tony Brown, Climate Etc. Feb 19, 2015

<http://judithcurry.com/2015/02/19/the-intermittent-little-ice-age/#more-17805>

[SEPP Comment: Temperature variation may have been the major characteristic of the Little Ice Age.]

Changing Seas

Evidenced-based Sea Level Rise Projections Remain Low

By Paul C. "Chip" Knappenberger and Patrick J. Michaels, CATO, Feb 20, 2015

<http://www.cato.org/blog/evidenced-based-sea-level-rise-projections-remain-low>

One Hundred Years In The Norwegian Sea

By Paul Homewood, Not a Lot of People Know That, Feb 17, 2015

<https://notalotofpeopleknowthat.wordpress.com/2015/02/17/one-hundred-years-in-the-norwegian-sea/>

[SEPP Comment: Evidence of dramatic temperature changes in the Norwegian Sea.]

Science -vs- PR hype doesn't hold up: Satellite images reveal ocean acidification from space

By Anthony Watts, WUWT, Feb 17, 2015

<http://wattsupwiththat.com/2015/02/17/claim-versus-pr-hype-doesnt-hold-up-satellite-images-reveal-ocean-acidification-from-space/>

Changing Cryosphere – Land / Sea Ice

New paper demonstrates East Antarctica was ~3.5-4°C warmer than the present during the last interglacial

By Staff Writer, The Hockey Schtick, Feb 17, 2015 [H/t GWPF]

<http://hockeyschtick.blogspot.co.uk/2015/02/new-paper-demonstrates-east-antarctica.html>

Link to paper: Climate dependent contrast in surface mass balance in East Antarctica over the past 216 kyr

By Parrenin, et al, Climate of the Past, Feb 17, 2015

<http://www.clim-past-discuss.net/11/377/2015/cpd-11-377-2015.html>

Discussion open until Apr 14, 2015

New Paper Confirms the Hiatus Is Not Occurring at the Poles, Undermining the Efforts of Cowtan and Way

By Bob Tisdale, WUWT, Feb 16, 2015

<http://wattsupwiththat.com/2015/02/16/new-paper-confirms-the-hiatus-is-not-occurring-at-the-poles-undermining-the-efforts-of-cowtan-and-way/>

Sea Ice Extent Trends

By Paul Homewood, Not a Lot of People Know That

<https://notalotofpeopleknowthat.wordpress.com/2015/02/19/sea-ice-extent-trends/>

Agriculture Issues & Fear of Famine

Eye roller: Study finds climate change induced ‘extreme weather’ may dramatically reduce wheat production

By Anthony Watts, WUWT, Feb 19, 2015

<http://wattsupwiththat.com/2015/02/19/eye-roller-study-finds-climate-change-induced-severe-weather-may-dramatically-reduce-wheat-production/>

Un-Science or Non-Science?

New York City Could See 6-Foot Sea Rise, Tripling of Heat Waves by 2100

If left unconstrained, global warming could wreak havoc on the Big Apple

By Colin Sullivan and ClimateWire, Scientific American, Feb 19, 2015 [H/t Climate Depot]

<http://www.scientificamerican.com/article/new-york-city-could-see-6-foot-sea-rise-tripling-of-heat-waves-by-2100/>

Link to Report: Volume 1336 Building the Knowledge Base for Climate Resiliency: New York City Panel on Climate Change 2015 Report

Annals of the New York Academy of Sciences, Feb 16, 2015

<http://onlinelibrary.wiley.com/doi/10.1111/nyas.2015.1336.issue-1/issuetoc>

Data, Models, and the Australian ABC

By Cameron Goodison, WUWT, Feb 19, 2015

<http://wattsupwiththat.com/2015/02/19/data-models-and-the-australian-abc/>

Scientists alarmed at short-term ozone-eroding gases

By Richard Ingham, Paris (AFP), Feb 16, 2015

http://www.spacedaily.com/reports/Scientists_alarmed_at_short-term_ozone-eroding_gases_999.html

[SEPP Comment: Do the gases actual affect the ozone layer or is this an effort to expand the Montreal Protocol to include carbon dioxide?]

Lowering Standards

NOAA & NASA-GISS: Helping the Warming Narrative

By James Rust, Master Resource, Feb 20, 2015

<https://www.masterresource.org/noanasa-giss/2014-warming/>

The Oz guide to climate change

By Andrew Montford, Bishop Hill, Feb 16, 2015

<http://bishophill.squarespace.com/blog/2015/2/16/the-oz-guide-to-climate-change.html>

“I love the way they present pure hypothesis as settled scientific fact. This technique really is such a giveaway that the document is propaganda rather than education.”

[SEPP Comment: The Australian Academy of Science.]

Australian Academy of Science hides model failures, other rainfall predictions, feedbacks evidence

By Jo Nova, He Blog, Feb 17, 2015

<http://joannenova.com.au/2015/02/australian-academy-of-science-hides-model-failures-other-rainfall-predictions-feedbacks-evidence/>

Australian ABC Researcher fails Research UPDATED

By Geoff Brown, Australian Climate Sceptics, Feb 16, 2015

<http://theclimatescepticsparty.blogspot.com.au/2015/02/australian-abc-researcher-fails-research.html>

Bill Nye Tells MSNBC To Say Climate Change, Not Global Warming, When It's Cold Out

By Michael Bastasch, Daily Caller, Feb 17, 2015 [H/t Catherine French]

<http://dailycaller.com/2015/02/17/bill-nye-tells-msnbc-to-say-climate-change-not-global-warming-when-its-cold-out/>

Bill Nye Pleads With MSNBC: More Climate Hysteria, Please!

By Scott Whitlock, MRC NewsBusters, Feb 16, 2015 [H/t ICECAP]

<http://newsbusters.org/blogs/scott-whitlock/2015/02/16/bill-nye-pleads-msnbc-more-climate-hysteria-please>

Mercury News editorial: Scientists must solve growing trust problem

Editorial, San Jose Mercury News, Feb 12, 2015 [H/t Climate Depot]

http://www.mercurynews.com/opinion/ci_27516835/mercury-news-editorial-scientists-must-solve-growing-trust

[SEPP Comment: Contrary to the statements of its outgoing President, the politicized activities of the American Association for the Advancement of Science (AAAS) have contributed to the credibility problem.]

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

An ocean of plastic

By Staff Writers, Santa Barbara CA (SPX), Feb 15, 2015

http://www.terraily.com/reports/An_ocean_of_plastic_999.html

[SEPP Comment: Report ignores the greatest sources – China and Indonesia.]

Can science solve climate change?

Editorial, Washington Post, Feb 16, 2015 [Conrad Potemra]

http://www.washingtonpost.com/opinions/can-science-solve-climate-change/2015/02/16/8b921ea4-b308-11e4-886b-c22184f27c35_story.html

[SEPP Comment: Geo-engineering cannot solve climate change unless the cause of climate change is clear, which the newspaper does not understand.]

Reporting On So-Called Climate Reporters: Update 3

By William Briggs, His Blog, Feb 20, 2015

<http://wmbriggs.com/post/15337/>

[SEPP Comment: The press is defending the Orthodoxy.]

Scientists try to unravel warming's impact on jet stream

By Climent Sabourin, Montreal (AFP), Feb 12, 2015

http://www.spacedaily.com/reports/Scientists_try_to_unravel_warmings_impact_on_jet_stream_999.html

[SEPP Comment: Warming that is not occurring in the atmosphere, is causing changes in the atmosphere?]

Communicating Better to the Public – Do a Poll?

Public warmer on 'climate change' than 'global warming'

By H. Roger Segelken, Cornell Chronicle, Feb 6, 2015

<http://www.news.cornell.edu/stories/2015/02/public-warmer-climate-change-global-warming>

[SEPP Comment: Could it be that the public realizes that climate change is normal?]

Communicating Better to the Public – Make things up.

Climate change hampering world food production: scientists

By Jean-Louis Santini, San Jose, United States (AFP) Feb 16, 2015

http://www.seeddaily.com/reports/Climate_change_hampering_world_food_production_scientists_999.html

[SEPP Comment: Is the author totally ignorant of conditions during the Little Ice Age?]

Divestment ethics and realities

By Paul Driessen, WUWT, Feb 16, 2015

<http://wattsupwiththat.com/2015/02/16/divestment-ethics-and-realities/>

Our consensus

By Andrew Montford, Bishop Hill, Feb 17, 2015

<http://bishophill.squarespace.com/blog/2015/2/17/our-consensus.html>

[SEPP Comment: a mega-tsunami broadcast on BBC appears to be comical among geophysicists.]

You Couldn't Make This Stuff Up

By Tony Thomas, Quadrant, Feb 17, 2015

<http://quadrant.org.au/opinion/doomed-planet/2015/02/couldnt-make-stuff/>

USA Today: Megadrought may plague parts of the US.

By Staff Writer, ICECAP, Feb 14, 2015

http://icecap.us/index.php/go/joes-blog/usatoday_megadrought_may_plague_parts_of_the_us/

Mega Drought in the Pacific Southwest?

By Patrick Michaels, CATO, Feb 14, 2015

<http://www.cato.org/blog/mega-drought-pacific-southwest>

Link to report: Megadrought may plague parts of USA

By Doyle Rice, USA Today, Feb 12, 2015 [H/t ICECAP]

<http://www.usatoday.com/story/weather/2015/02/12/western-plains-drought-climate-change/23298093/>

What historic megadroughts in the western US tell us about our climate future

By Jason Smerdon, The Conversation, Feb 16, 2015 [H/t Clyde Spencer]

[http://theconversation.com/what-historic-megadroughts-in-the-western-us-tell-us-about-our-climate-future-](http://theconversation.com/what-historic-megadroughts-in-the-western-us-tell-us-about-our-climate-future-37615?utm_medium=email&utm_campaign=Latest+from+The+Conversation+for+February+17+2015&utm_content=Latest+from+The+Conversation+for+February+17+2015+CID_cce454daa44e45b3bc80525c97e2a892&utm_source=campaign_monitor_us&utm_term=What%20historic%20megadroughts%20in%20the%20western%20US%20tell%20us%20about%20our%20climate%20future)

[37615?utm_medium=email&utm_campaign=Latest+from+The+Conversation+for+February+17+2015&utm_content=Latest+from+The+Conversation+for+February+17+2015+CID_cce454daa44e45b3bc80525c97e2a892&utm_source=campaign_monitor_us&utm_term=What%20historic%20megadroughts%20in%20the%20western%20US%20tell%20us%20about%20our%20climate%20future](http://theconversation.com/what-historic-megadroughts-in-the-western-us-tell-us-about-our-climate-future-37615?utm_medium=email&utm_campaign=Latest+from+The+Conversation+for+February+17+2015&utm_content=Latest+from+The+Conversation+for+February+17+2015+CID_cce454daa44e45b3bc80525c97e2a892&utm_source=campaign_monitor_us&utm_term=What%20historic%20megadroughts%20in%20the%20western%20US%20tell%20us%20about%20our%20climate%20future)

[SEPP Comment: See link immediately above.]

Top 10 Global Warming Lies That May Shock You

By James Taylor, Forbes, Feb 9, 2015

<http://www.forbes.com/sites/jamestaylor/2015/02/09/top-10-global-warming-lies-that-may-shock-you/>

Communicating Better to the Public – Go Personal.

Cyclone Marcia: Climate crank wishing suffering on “deniers”

By Eric Worrall, WUWT, Feb 19, 2015

<http://wattsupwiththat.com/2015/02/19/cyclone-marcia-climate-crank-wishing-suffering-on-deniers/>

The readers’ editor on ... when a joke in a comment thread goes beyond mere tastelessness

By Chris Elliott, Guardian, UK, Feb 13, 2015 [H/t Bishop Hill]

<http://www.theguardian.com/commentisfree/2015/feb/13/when-joke-in-comment-thread-goes-beyond-tastelessness>

[SEPP Comment: The opening sentence is a joke. There are few groups that learn less from the past than the global warming promoters such as the author of the sentence.]

Communicating Better to the Public – Use Propaganda on Children

Government launches climate change photography contest

By Chris Cheesman, Amateur Photographer, Feb 18, 2015

<http://www.amateurphotographer.co.uk/latest/photo-news/government-launches-climate-change-photography-contest-44377>

[SEPP Comment: Propaganda – eliciting emotional response to a scientific issue.]

White House Announces ‘Goal of Ensuring Climate Smart Citizenry’

By Eric Scheiner, CNS News, Feb 17, 2015

<http://www.cnsnews.com/blog/eric-scheiner/white-house-announces-goal-ensuring-climate-smart-citizenry>

Expanding the Orthodoxy

National and environmental security, two sides of same coin

By Amanda D. Rodewald, The Hill, Feb 18, 2015

<http://thehill.com/blogs/pundits-blog/energy-environment/233060-national-security-and-environmental-security-are-two>

[SEPP Comment: Accepting non-science on national security from the Pentagon.]

Limiting the Federal Government's Fiscal Exposure by Better Managing Climate Change Risks

This information appears as published in the 2015 High Risk Report.

By Staff Writers, GAO, No date [H/t Timothy Wise]

http://www.gao.gov/highrisk/limiting_federal_government_fiscal_exposure/why_did_study

Section on climate change starts on page 67 and runs 27 pages

Scientists call for international authority on climate geoengineering

By Jean-Louis Santini, San Jose, United States (AFP), Feb 15, 2015

http://www.terradaily.com/reports/Scientists_call_for_international_authority_on_climate_geoengineering_999.html

Questioning European Green

The Madness of Europe's Industrial Massacre - Roger Helmer MEP

By Roger Helmer, UK Independence Party, European Parliament, Jan 26, 2015 [H/t Anne Debeil]

http://www.ukipmeps.org/articles_1141_The-Madness-of-Europes-Industrial-Massacre---Roger-Helmer-MEP.html

"The aluminium industry in Europe has lost 34 per cent of its capacity in the last seven years and forty thousand jobs have been lost. That's not because demand has reduced; demand is increasing, and being filled with imports which now amount to more than 50 per cent."

Britain still needs shale gas

Prices may have fallen, but it's the cleanest and safest of fossil fuels

By Matt Ridley, Rational Optimist, Feb 15, 2015

<http://www.rationaloptimist.com/blog/britain-still-needs-shale-gas.aspx>

"Gas really is rather special: it provides us in this country with 84 per cent of our domestic heat, 27 per cent of our electricity, much of the feedstock for our synthetic consumer products, and pretty well all of the nitrogen fertiliser that has fed the world and largely banished famine. All this from a surprisingly small number of surprisingly small holes in the ground and the seabed, drilled with fewer accidents and spills than most other energy sources."

Green shoots of decay

By Andrew Montford, Bishop Hill, Feb 19, 2015

<http://bishophill.squarespace.com/blog/2015/2/19/green-shoots-of-decay.html>

Happy Mr Farage

By Andrew Montford, Bishop Hill, Feb 14, 2015

<http://bishophill.squarespace.com/blog/2015/2/14/happy-mr-farage.html>

"Climate change is one of the most serious threats facing the world today. It is not just a threat to the environment, but also to our national and global security, to poverty eradication and economic prosperity." From an accord to be signed by the prime minister, deputy prime minister and leader of the opposition.

Sturgeon cries for help

By Andrew Montford, Bishop Hill, Feb 17, 2015

<http://www.bishop-hill.net/blog/2015/2/17/sturgeon-cries-for-help.html>

[SEPP Comment: Problems with the energy policy of Scotland.]

Questioning Green Elsewhere

Fossil Fuel Hysteria

By Donn Dears, Power For USA, Feb 17, 2015

<https://dddusmma.wordpress.com/2015/02/17/fossil-fuel-hysteria/>

Kitzhaber Scandal Exposes The Seedier Side Of Clean Energy

By Kerry Jackson, IBD, Feb 19, 2015

<http://news.investors.com/blogs-capital-hill/021915-740051-renewable-energy-advocate-kitzhaber-resigns-as-oregon-governor.htm>

Green Jobs

Three Military Bases Partner with DOE to Train Veterans for Solar Jobs

By Gail Reitenbach, Power Mag, Feb 17, 2015

http://www.powermag.com/three-military-bases-partner-with-doe-to-train-veterans-for-solar-jobs/?hq_e=el&hq_m=3030346&hq_l=15&hq_v=5e660500d0

[SEPP Comment: Is this similar to the military training veterans for gasoline service station jobs immediately prior to gasoline crisis in the 1970s?]

Non-Green Jobs

Study: Obama's Carbon Rules Could Cost Thousands of Manufacturing Jobs in Your State

By Kelsey Harkness, Daily Signal, Feb 17, 2015

http://dailysignal.com/2015/02/17/study-obamas-carbon-rules-could-cost-thousands-of-manufacturing-jobs-in-your-state/?utm_source=heritagefoundation&utm_medium=email&utm_campaign=morningbell&mkt_tok=3RkMMJWWfF9wsRoiu6vOZKXonjHpfsX66O0pUKOylMI%2F0ER3fOvrPUfGjI4ES8djI%2BSLDwEYGJlv6SgFQrLBMa1ozrgOWxU%3D

Funding Issues

Citi unveils \$100B program to fight climate change

By Laura Barron-Lopez, The Hill, Feb 18, 2015

<http://thehill.com/policy/energy-environment/233067-citi-unveils-100b-program-to-fight-climate-change>

The Political Games Continue

Republicans To Investigate Climate Data Tampering By NASA

By Michael, Bastasch, Daily Caller, Dec 20, 2015

<http://dailycaller.com/2015/02/20/republicans-to-investigate-climate-data-tampering-by-nasa/>

Litigation Issues

EPA Critics Float New Strategy To Challenge Agency Rules Using Data Law

By Staff Writers, Inside EPA, Feb 19, 2015

<http://insideepa.com/daily-news/epa-critics-float-new-strategy-challenge-agency-rules-using-data-law>

Subsidies and Mandates Forever

Buying RINs Cheaper than Ethanol

By Donn Dears, Power For USA, Feb 20, 2015

<http://dddusmma.wordpress.com/2015/02/20/buying-rins-cheaper-than-ethanol/>

EPA and other Regulators on the March

Fawltly Towers and Ivory Towers

By Charles Battig, American Thinker, Feb 19, 2015

http://www.americanthinker.com/articles/2015/02/fawltly_towers_and_ivory_towers.html

Ameren Comments on Suggested Revisions to the EPA's Clean Power Plan

By Aaron Larson and Gail Reitenbach, Power Mag, Feb 17, 2015

http://www.powermag.com/ameren-comments-on-suggested-revisions-to-epa-clean-power-plan/?hq_e=el&hq_m=3030346&hq_l=11&hq_v=5e660500d0

EPA's mercury rules: Dumb and dumber

By Pat Michaels, The Hill, Feb 10, 2015

<http://thehill.com/blogs/congress-blog/energy-environment/232211-epas-mercury-rules-dumb-and-dumber>

Note to EPA: Ideological fervor is not an alternative source of energy

Editorial, Washington Examiner, Feb 20, 2015

http://www.washingtonexaminer.com/note-to-epa-ideological-fervor-is-not-an-alternative-source-of-energy/article/2560452?utm_campaign=Washington%20Examiner:%20Opinion%20Digest&utm_source=Washington%20Examiner:%20Opinion%20Digest%20-%2002/20/15&utm_medium=email

Obama EPA Rules Leave Low-Income Americans In The Cold

By Mac Zimmerman, IBD, Feb 19, 2015

<http://news.investors.com/ibd-editorials-viewpoint/021915-740117-new-co2-regulations-will-hurt-poor-most.htm>

FACT SHEET: Clean Power Plan & Carbon Pollution Standards Key Dates

By Staff Writers, EPA, Feb 17, 2015

<http://www2.epa.gov/carbon-pollution-standards/fact-sheet-clean-power-plan-carbon-pollution-standards-key-dates>

Energy Issues – Non-US

BP Energy Outlook

By Staff Writers, BP, February 2015

http://www.bp.com/content/dam/bp/pdf/Energy-economics/energy-outlook-2015/Energy_Outlook_2035_booklet.pdf

BP says huge rise in energy demand at odds with climate change fight

Annual outlook forecasts unsustainable rise in carbon emissions, fuelled by 40% rise in energy demand that it says can only be met by fossil fuels

By Larry Elliott, Guardian, UK, Feb 17, 2015 [H/t GWPF]

<http://www.theguardian.com/business/2015/feb/17/bp-says-huge-rise-in-energy-demand-at-odds-with-climate-change-fight>

Spencer Dale, BP's chief economist, said: "After three years of high and deceptively steady oil prices, the fall of recent months is a stark reminder that the norm in energy markets is one of continuous change."

BP: CO2 reduction efforts futile

By Eric Worrall, WUWT, Feb 18, 2015

<http://wattsupwiththat.com/2015/02/18/bp-co2-reduction-efforts-futile/>

BP 2035 Outlook Foresees Only 8% Renewable Energy By 2035! No End In Sight For Fossil Fuel Growth!

By P Gosselin, No Tricks Zone, Feb 18, 2015

<http://notrickszone.com/2015/02/18/bp-2035-outlook-foresees-only-8-renewable-energy-by-2035-no-end-in-fossil-fuel-growth-in-sight/#sthash.1BccNtwc.1eTI0coK.dpbs>

EROI -- A Tool To Predict The Best Energy Mix

By James Conca, Forbes, Feb 11, 2015 [H/t Energy and Environmental Newsletter]

<http://www.forbes.com/sites/jamesconca/2015/02/11/eroi-a-tool-to-predict-the-best-energy-mix/>

Strange Allies in the War on Carbon Fuels

By Viv Forbes, WUWT, Feb 17, 2015

<http://wattsupwiththat.com/2015/02/17/strange-allies-in-the-war-on-carbon-fuels/>

'Anti-petroleum' movement a growing security threat to Canada, RCMP say

By Shawn McCarthy, Globe and Mail, Feb 17, 2015 [H/t GWPF]

<http://www.theglobeandmail.com/news/politics/anti-petroleum-movement-a-growing-security-threat-to-canada-rcmp-say/article23019252/>

Dealing with Davey

By Andrew Montford, Bishop Hill, Feb 18, 2015

<http://bishophill.squarespace.com/blog/2015/2/18/dealing-with-davey.html>

"Of course Davey's words are aimed at winning votes from green-minded voters, so this is a case of doing one thing and saying another; that's just what politicians do (and why they shouldn't be entrusted with anything more important than the opening of a summer fete)."

Tinkering at the edges of energy use

By Martin Livermore, Scientific Alliance, Feb 20, 2015

<http://scientific-alliance.org/node/908>

[SEPP Comment: Except for increasing costs to the consumer for the appliance, will energy efficient appliance have a significant impact in a world in which prosperity is expanding?]

Energy Issues -- US

The High Cost of Energy Illiteracy

By Steven Hayward, Power Line, Feb 16, 2015

<http://www.powerlineblog.com/archives/2015/02/the-high-cost-of-energy-illiteracy.php>

Washington's Control of Energy

White House sees wide-ranging benefits in energy boom

By Timothy Cama, The Hill, Feb 19, 2015

<http://thehill.com/policy/energy-environment/233220-white-house-sees-wide-ranging-benefits-in-energy-boom>

[SEPP Comment: Which it opposed!]

Oil and Natural Gas – the Future or the Past?

North Dakota oil boom deflating

By Daniel J. Graeber, Williston, N.D. (UPI), Feb 19, 2015

http://www.oilgasdaily.com/reports/North_Dakota_oil_boom_deflating_999.html

[SEPP Comment: Rigs are down, even though production is 1.2 million barrels per day, an all-time high.]

China to Increase Shale Gas Production

By Laura Friedman, JDSupra, Feb 18, 2015

<http://www.jdsupra.com/legalnews/china-to-increase-shale-gas-production-64823/>

Natural Gas Can Be The Energy Policy That Works

By Mark Perry, IBD, Feb 17, 2015 [H/t Timothy Wise]

<http://news.investors.com/ibd-editorials-brain-trust/021715-739371-natural-gas-boosts-economy-environment-geopolitics.htm?p=full>

Ohio court strikes down local fracking bans

By Timothy Cama, The Hill, Feb 17, 2015

<http://thehill.com/policy/energy-environment/232945-ohio-court-strikes-down-local-fracking-bans>

Return of King Coal?

Mississippi Supreme Court Strikes Down Kemper County IGCC Rate Increase

By Thomas Overton, Power Mag. Feb 12, 2015

http://www.powermag.com/mississippi-supreme-court-strikes-down-kemper-county-igcc-rate-increase/?hq_e=el&hq_m=3030346&hq_l=8&hq_v=5e660500d0

Oil Spills, Gas Leaks & Consequences

A Keystone Veto Puts America at Risk

By Jeffrey Folks, American Thinker, Feb 20, 2015

http://www.americanthinker.com/articles/2015/02/a_keystone_veto_puts_america_at_risk.html

2 fiery train wrecks in 3 days demonstrate the need for Keystone XL

By Thomas Lifson, American Thinker, Feb 17, 2015 [H/t Timothy Wise]

http://www.americanthinker.com/blog/2015/02/2_fiery_train_wrecks_in_3_days_demonstrate_the_need_for_keystone_xl.html

After West Virginia Oil Train Derailment, Sign Keystone Bill

Editorial, IBD, Feb 18, 2015 [H/t Timothy Wise]

<http://news.investors.com/ibd-editorials/021815-739841-west-virginia-bakken-oil-train-derailment.htm?p=full>

Nuclear Energy and Fears

The lesson of Fukushima — Nuclear energy is safe

By Kelvin Kemm, C-Fact, Feb 16, 2015 [H/t ACSP]

http://www.cfact.org/2015/02/16/the-lesson-of-fukushima-is-that-nuclear-energy-is-safe/?utm_source=CFACT+Updates&utm_campaign=3e8f33fc67-Physicist_Fukushima_nuclear_safe2_16_2015&utm_medium=email&utm_term=0_a28eaedb56-3e8f33fc67-269737605

Alternative, Green (“Clean”) Solar and Wind

Go-ahead for world's biggest offshore wind farm in British waters... and it could cost YOU £10billion in green levies

Energy Secretary Ed Davey granted planning permission for the scheme
The plan is for 400 turbines to be erected 80 miles off the Yorkshire coast
It is set to power 1.8million homes - 2.5% of Britain’s electricity requirement
Huge scheme could cost bill payers more than £10.5bn in green subsidies
By Ben Spencer, Daily Mail, UK, Feb 19, 2015 [H/t GWPF]

<http://www.dailymail.co.uk/news/article-2959377/Go-ahead-world-s-biggest-offshore-wind-farm-British-waters-cost-10billion-green-levies.html>

Alternative, Green (“Clean”) Vehicles

Electric car benefits? Just myths

By Bjørn Lomborg, USA Today, Feb 19, 2015

<http://www.usatoday.com/story/opinion/2015/02/18/electric-car-benefits-air-myths-pollution-health-column/23641729/>

Link to paper used for pollution arguments: Life cycle air quality impacts of conventional and alternative light-duty transportation in the United States

By Tessum, et al, PNAS, Nov 8, 2014

<http://www.pnas.org/content/111/52/18490.full.pdf+html>

[SEPP comment: The calculations of deaths from increased ozone and particulate matter are highly questionable.]

Carbon Schemes

How High Costs Killed This Clean Coal Power Plant Project

By Nicolas Loris, Daily Signal, Feb 16, 2015 [H/t Timothy Wise]

<http://dailysignal.com/2015/02/16/how-high-costs-killed-this-clean-coal-power-plant-project/>

Health, Energy, and Climate

Is asthma being overdiagnosed?

By Staff Writer, NHS, UK, Feb 2, 2015 [H/t Dennis Ambler]

<http://www.nhs.uk/news/2015/02February/Pages/Is-asthma-being-over-diagnosed.aspx>

Oh Mann!

Iconic graph at center of climate debate

By Staff Writers, University Park PA (SPX), Feb 20, 2015

http://www.terradaaily.com/reports/Iconic_graph_at_center_of_climate_debate_999.html

[SEPP Comment: False claims that the research was found to be “honest and solid.” The “solid” methodology was shown to produce a hockey-stick from noise. AAAS sinks lower.]

Mann tries to revive his dead hockey stick with a press release

By Anthony Watts, WUWT, Feb 15, 2015

<http://wattsupwiththat.com/2015/02/15/mann-tries-to-revive-his-dead-hockey-stick-with-a-press-release/>

Environmental Industry

Canada: Climate Extremists a credible threat

By Eric Worrall, WUWT, Feb 20, 2015

<http://wattsupwiththat.com/2015/02/20/canada-climate-extremists-a-credible-threat/>

Greenpeace Activists Banned from Entering India

By Staff Writers, New India Express, Feb 18, 2015 [H/t GWPF]

<http://www.newindianexpress.com/nation/Greenpeace-Activists-Banned-from-Entering-India/2015/02/18/article2674189.ece>

NRDC's "Laughable" Defense against Sen. Vitter's Collusion Charges

By William Yeatman, Cooler Heads, Feb 19, 2015

<http://www.globalwarming.org/2015/02/19/nrdcs-laughable-defense-against-sen-vitters-collusion-charges/>

Peeking behind the 'green' curtain

Uncovering the Kitzhaber connections

By Chris Horner, Washington Times, Feb 17, 2015

<http://www.washingtontimes.com/news/2015/feb/17/chris-horner-uncovering-john-kitzhabers-environmen/>

Other News that May Be of Interest

China's Hypersonic Glide Vehicle: A Threat to the United States

By Debalina Ghoshal, New Delhi, India (SPX), Feb 18, 2015

http://www.spacewar.com/reports/Chinas_Hypersonic_Glide_Vehicle_A_Threat_to_the_United_States_999.html

Furman: Economy looking strong, if Washington cooperates

By Peter Schroeder, The Hill, Feb 19, 2015

<http://thehill.com/policy/finance/233212-furman-economy-looking-strong-if-washington-cooperates>

Link to report: Economic Report of the President

Together with the Annual Report of the Council of Economic Advisers, February 2015

http://www.whitehouse.gov/sites/default/files/docs/cea_2015_erp.pdf

How much debt did each president leave for the country?

By Jason Russell, Washington Examiner, Feb 16, 2015

http://www.washingtonexaminer.com/how-much-debt-did-each-president-leave-for-the-country/article/2560220?utm_campaign=Washington%20Examiner:%20Opinion%20Digest&utm_source=Washington%20Examiner:%20Opinion%20Digest%20-%2002/17/15&utm_medium=email

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BELOW THE BOTTOM LINE:

Finding winners and losers in global land use

By Staff Writers, Columbus OH (SPX), Feb 18, 2015

http://www.terradaily.com/reports/Finding_winners_and_losers_in_global_land_use_999.html

[SEPP Comment: Nonsense]

Russian researchers expose breakthrough U.S. spying program

By Joseph Menn, Reuters, Feb 16, 2015

<http://www.reuters.com/article/2015/02/16/us-usa-cyberspying-idUSKBN0LK1QV20150216>

[SEPP Comment: Is that computer glitch from the NSA?

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