

**The Week That Was: 2015-10-03 (October 3, 2015)**  
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**The Science and Environmental Policy Project**

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**Quote of the Week:** *“It is necessary to look at the results of observation objectively, because you, the experimenter, might like one result better than another.”* Richard Feynman

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**Number of the Week:** \$7 Billion USD

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**THIS WEEK:**

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

**More IPCC Challenges:** The US administration is attempting to establish an agreement to be reached at the 21st session of the Conference of the Parties (COP-21) of the United Nations Framework Convention on Climate Change (UNFCCC) to be held in Paris from November 30 to December 11. Meanwhile, more challenges to the findings of the UN Intergovernmental International Panel on Climate Change (IPCC) continue to emerge. Many of the challenges do not question the basic science or logic found in the climate models, but do question the use to which they are put. This questioning especially applies to the 95% certainty expressed in the Summary for Policymakers of IPCC’s Fifth Assessment Report (AR-5).

In a recent paper, distinguished physicist Wallace Manheimer expressed it well: “This paper reviews a great deal of worldwide data, some of which confirms, some of which disputes the global warming hypothesis. While increasing CO<sub>2</sub> in the atmosphere is a concern, it is hardly a planetary emergency.” Perhaps these sentences summarize the views of the global warming skeptics: carbon dioxide (CO<sub>2</sub>) emissions are not causing a planetary emergency, only the politically motivated advocates and politicians are. This political motivation extends to the IPCC and its work based on the assumption it can predict (project), with great certainty, global warming from human causes without thoroughly understanding the natural influences on climate.

To illustrate his view, Manheimer uses two examples of community madness from US history: the Salem witchcraft trials and the prosecution of preschool teachers for sex abuse of their students in the 1980s and 90s. The former is well known and lasted a year. Many try to suppress the latter. The prosecutions were based on work and testimony by social workers and psychologists who insisted they could interpret actions and words by 6 to 7 year old children to have them recall sexual abuse claimed to have occurred when the children were 3 or 4. Eventually, all the convictions were overturned, with one man serving 18 years based on absurd accusations. Unlike the 17<sup>th</sup> century governor of Massachusetts who later apologized for the witch trials, none of the governors of the states involved in the late 20<sup>th</sup> century false trials apologized.

After explaining these examples, Manheimer embarks on a brief review of the evidence behind the claim that human emissions of CO<sub>2</sub> are causing unprecedented and dangerous global warming, and finds it lacking. He lists the reasons why. Including: “Fourth, if the measurement is just barely on the edge of a detectable effect; some measurements show a slight effect, others do not, or show the opposite effect, as in the climate change case, there is certainly strong grounds for skepticism, at least as regards the current status of the effect. Fifth, computer simulation is a very powerful technique (I have spend [sic] a good part of my career developing and using

computer models of complex physical systems), but it is hardly infallible. They [The models] should be regarded with at least some skepticism, no matter how many of them point to a particular effect.”

See links under Challenging the Orthodoxy

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**Société de Calcul Mathématique:** Several French mathematicians under the Société de Calcul Mathématique SA wrote a 195 page white paper on global warming and the political ramifications of the actions of its proponents. The title of the paper is well put: “The battle against global warming: an absurd, costly and pointless crusade.” Writing from the perspective of French, European, and world policy, the paper finds an enormous impact on the economy with every activity affected. It also states:

*“The impact on the entire field of scientific research is particularly clear and especially pernicious. No project can be launched, on any subject whatsoever, unless it makes direct reference to global warming. You want to look at the geology of the Garonne Basin? It is, after all, an entirely normal and socially useful subject in every respect. Well, your research will be funded, approved and published only if it mentions the potential for geological storage of CO2. It is appalling.*

*“The crusade has invaded every area of activity and everyone’s thinking: the battle against CO2 has become a national priority. How have we reached this point, in a country that claims to be rational? At the root lie the declarations made by the IPCC [IPCC], which have been repeated over the years and taken up by the European Commission and the Member States. France, which likes to see itself as the good boy of Europe’, adds an extra layer of virtue to every crusade. When others introduce reductions, we will on principle introduce bigger reductions, without ever questioning their appropriateness: a crusade is virtuous by its very nature. And you can never be too virtuous.*

*“But mathematicians do not believe in crusades; they look at facts, figures, observations and arguments.”*

The paper assesses the facts, explaining why the authors consider the crusade is absurd, costly, and pointless. Under the scientific section, it discusses the natural variability of the climate, humans influence on the climate (tiny while the natural influence is huge), that humans do not have the technology to change the climate (or make it stable), and that the consequences of global warming are that the world will adjust as it always has. The paper criticizes the IPCC [which it abbreviates as the IPPC] and states: “The IPPC’s conclusions go against observed facts; the figures used are deliberately chosen to support its conclusions (with no regard for the most basic scientific honesty), and the natural variability of phenomena is passed over without comment.”

The paper presents a detailed overview of the surface temperature measuring stations, with Europe covered for more than 150 years and the US for more than 110 years. From a historical perspective land mass is not well covered and, except for Europe, the US, and eastern China, the bulk of the land mass is not well covered today. Surface sea coverage is spotty, at best, distributed in a few areas in the world, mostly in the Northern Hemisphere. The paper also discusses the manipulation of the surface record by NOAA, but not the one in 2015. It suggests that one cannot use the surface data to define or calculate an average temperature.

The paper challenges the widely accepted measurements of CO2 from Mauna Loa, and states there is a poor distribution of sensors, with nearly all located in Europe or the US. Also it states:

Among other criticisms, the paper points out weaknesses in satellite estimates of temperatures, independently supported by weather balloon measurements. SEPP maintains these are the finest available, though not perfect.

Under the heading “Be Careful!” the paper briefly discusses models:

*“Conclusions based on any kind of model should be disregarded. As the SCM specializes in building mathematical models, we should also be recognized as competent to criticize them. Models are useful when attempting to review our knowledge, but they should not be used as an aid to decision-making until they have been validated. **Now, validating a climate model requires thousands of years.**”* [Boldface added.]

Perhaps that is the intention of those who control the IPCC. See link under Challenging the Orthodoxy.

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**David Evans:** Jo Nova’s web site continues to present criticisms of the IPCC models by mathematician and electrical engineer David Evans. As stated last week, TWTW will refrain from detailed comments until the entire presentation is complete. That said, the heavy use of partial differentiation of two or more independent variables appears serious. Traditionally, such measures require all other variables remain constant.

Water vapor is the most important greenhouse gas. As easily demonstrated by the South Asian monsoon, it varies by region, season, and year. Assuming water vapor is constant can lead to major complications. See links under Challenging the Orthodoxy.

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**UN Sustainable Summit:** The September 25 to 27 UN Sustainable Summit ended with the attendees approving 17 goals, down from 169 initially proposed. Simply because the number of goals were reduced, that does not mean all are achievable. For example: Goal # 13 is “Take urgent action to combat climate change and its impacts.” Exactly how the UN proposes to combat climate change that has been occurring for hundreds of millions of years, thousands of times longer than humanity, is not clear.

The details of the goal include some highly questionable assertions. “From 1880 to 2012, average global temperature increased by 0.85°C.” As pointed out by the Société de Calcul Mathématique, we do not have the ability to calculate average global surface temperatures today, much less in 1880.

The statement also includes: “Oceans have warmed, the amounts of snow and ice have diminished and sea level has risen. From 1901 to 2010, the global average sea level rose by 19 cm as oceans expanded due to warming and ice melted. The Arctic’s sea ice extent has shrunk in every successive decade since 1979, with 1.07 million km<sup>2</sup> of ice loss every decade.” Why stop at 1901? Since 18,000 years ago oceans have risen by 120 meters (400 feet). Other than a past trend, claims of future temperature rise and sea level rise are speculation from un-validated climate models.

*“Goal 15: Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss.” “Due to drought and desertification each year 12 million hectares are lost (23 hectares per minute), where 20 million tons of grain could have been grown.”*

The concept that, in general, the earth is greening, as demonstrated by satellite photographs, has not reached the UN. Also, the massive increase in world-wide yields from modern agriculture has eluded the UN, including a 54% increase in yields of cereals (not including rice) from 1986-89 to 2013-15.

Some of the UN goals stated are reasonable and commendable, but a number of the goals demonstrate the lack of critical thinking and general ignorance of these international leaders.

See Expanding the Orthodoxy, TWTW - Sep 5, 2015,  
<http://www.un.org/sustainabledevelopment/climate-change-2/> and  
<http://www.un.org/sustainabledevelopment/biodiversity/>

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**Ozone:** The US EPA has intensified its ozone regulations without significant scientific justification of how the new regulations may improve public health. The new regulations may be among the most costly undertaken. A number of links identify the costs, but few address a major issue with ground level ozone – increasingly, it is caused by nature.

Even the EPA web site recognizes that Volatile Organic Compounds (VOC), which cause ozone, are created, in part, by nature. Other than PM 10 (Particulate Matter, which fell by 17%), VOCs fell the least amount of EPA category pollutants, by only 18% from 2000 to 2013. The EPA realizes that weather conditions influence ozone. “Ozone is more readily formed on warm, sunny days when the air is stagnant.”

This weather influence, is particularly true for VOCs such as isoprene, which is largely produced by trees. Plants produce significant amounts of VOCs on warm sunny days, particularly humid days. Environmental groups tend to blame that the haze of Blue Ridge Mountains of Virginia, part of the Appalachian Mountain system, on automobiles, but fail to mention the tremendous increase in density and number of trees in the mountains since the 1930s, partially from a decline in need for pasture and biofuels. The early settlers named it the Blue Ridge for a reason, not for its crystal-clear air.

Similarly, environmental groups are quick to blame haze in the Grand Canyon on the coal-fired Four Corners Generating Station or Navajo Generating Station. The former requires that emissions go in the opposite direction to the prevailing winds. The latter requires that emissions go to the north and east, rather than the prevailing winds to the east.

Few groups, including the EPA, bring up that the North Rim of the Grand Canyon is dominated by the heavy woodlands of the Kaibab National Forest, with a “warm summer, humid, continental climate.” A combination that results in naturally caused haze.

See Article # 2 and links under EPA and other Regulators on the March,  
<https://web.archive.org/web/20150912070048/http://www.epa.gov/airtrends/aqtrends.html>, and  
<https://web.archive.org/web/20150905084240/http://www.epa.gov/airtrends/ozone.html>

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**Additions and Corrections:** The August 29<sup>th</sup> TWTW pointed out that the extreme heat of Venus is not so much due to “run-away greenhouse” but due to the atmospheric pressure at the surface being more than 90 times that of earth. The discussion omitted Mars. Comparing the atmospheric pressure of Mars, Venus, and Earth shows that pressure is not so much due to the composition of the atmospheres, but thickness. Both Venus and Mars have high concentration of CO2 (about 95%); but, the thickness of the atmosphere varies.

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**Number of the Week: \$7 Billion USD.** After the expenditure of about \$7 Billion, Royal Dutch Shell announced it would halt exploration in the US Chukchi Sea (Arctic), because it failed to find adequate quantities of oil and natural gas. The \$7 Billion expenditure includes about \$2.1 Billion to the US government for leases. According to reports, US Geological Survey has estimated that US Arctic water hold about 26 billion barrels of recoverable oil. Exxon-Mobil, BP and other producers have discovered about 10 billion barrels.

No doubt, the drop in the price of oil, thanks to hydraulic fracking of dense shale, was an important factor in Shell’s decision. Also, the harsh conditions, the failure of the Arctic to warm as many predicted, contributed. But the harsh conditions of US permitting may have been significant. After BP, Keystone, and the Administration’s failure to establish reasonable regulations for hydraulic fracturing on federally controlled lands and waters; what oil company would trust Washington? See Washington’s Control of Energy.

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## **ARTICLES:**

Please note that articles not linked easily 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. For Sustainable Energy, Choose Nuclear**

By S. Fred Singer, American Thinker, Sep 30, 2015

[http://www.americanthinker.com/articles/2015/09/for\\_sustainable\\_energy\\_choose\\_nuclear.html](http://www.americanthinker.com/articles/2015/09/for_sustainable_energy_choose_nuclear.html)

SUMMARY: Energy based on nuclear fission has many of the same advantages and none of the disadvantages of solar and wind; politics based on false fears are retarding its growth. Yet many believe that wind and solar energy are essential, when the world “runs out” of non-renewable fossil fuels. [They also believe that wind and solar are unique in providing energy that’s carbon-free, inexhaustible, and essentially without cost. However, a closer look shows that all three special features are based on illusions and wishful thinking.]

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### **2. The Twilight Ozone**

The Grand Canyon may soon be an EPA ‘non-attainment’ area.

Editorial, WSJ, Oct 1, 2015

<http://www.wsj.com/articles/the-twilight-ozone-1443742001>

*SUMMARY: The new rules for ... “ozone may be the costliest regulations in US history. The new “rule is wholly discretionary, and none other than President Obama overruled the EPA on ozone in 2011 in the name of “reducing regulatory burdens and regulatory uncertainty.” But that was headed into an election year, and Mr. Obama is making amends to burnish his eco-legacy.*

*“Ozone in the ambient air can contribute to smog and respiratory ailments, but the U.S. has worked hard to control O3 to the point of virtual nonexistence. “Back in 1979, Los Angeles still was so full of smog that there were days where people who were vulnerable just could not go*

outside,” Mr. Obama said in August. “And you fast-forward 30, 40 years later, and we solved those problems.”

“Sure enough, the EPA’s latest measures show most of the U.S. is meeting the 2008 standards of ozone concentrations of 75 parts per billion (ppb) or less, except for pockets in Texas and the northeast. Only green-happy California is in ‘extreme non-attainment.’”

“The EPA is nonetheless lowering the standard to 70 ppb and the green lobby wanted 65 ppb or even 60 ppb. So while avoiding the worst-case scenario, the factories, utilities, refineries, farms, cars and trucks that produce the man-made emissions that cause ozone to form will need to install expensive retrofits. New ones will be more expensive. The EPA estimated the 2011 draft proposal would cost the private economy anywhere from \$19 billion to \$90 billion.

“All that money will buy few public health benefits. The EPA is attempting to drive ozone down to or below the “background” level where it naturally occurs from sources like forest fires and plant life. The Grand Canyon and Yellowstone will likely become ‘non-attainment areas’ under the new standard.

“Mr. Obama and the EPA invoke asthma attacks, and cleaning up dirty air in a city like Beijing would certainly help asthmatics—and everybody else. But the marginal gains decline sharply when moving from clean U.S. air to allegedly cleaner air.

“....., costly regulations like the ozone rule make it harder for the economy to expand. Dollars that a manufacturer spends to replace functional equipment can’t be spent to hire new workers or finance a new idea. California gets a special dispensation and more time to comply because the EPA deems its ozone problem is “uniquely stubborn,” but the state is also losing factories and businesses that will take the hit. Federal permits are much harder to obtain in “non-attainment areas.”

**“If you want to know why the U.S. has had 2% growth for so long, the EPA’s almost bimonthly release of regulations like the ozone rule—or the coal ash rule, the mercury rule, or the waters of the United States rule—is a big part of the explanation.”** [Boldface added.]

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## **NEWS YOU CAN USE:**

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

#### **North Atlantic Oscillation (NAO) couple to solar activity: New studies find a time-lag of 3 years**

[It’s the Sun, Stupid! Growing Number Of Studies Show Oceanic Cycles (Climate) Driven By Solar Activity]

By Dr. Sebastian Lüning and Prof. Fritz Vahrenholt (Translated/ edited by P Gosselin), No Tricks Zone, Oct 1, 2015

<http://notrickszone.com/2015/10/01/its-the-sun-stupid-growing-number-of-studies-show-oceanic-cycles-climate-driven-by-solar-activity/#sthash.yqQVco4t.dpbs>

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

#### **German Scientists: Models Showing Bitter Winters Are Ahead For Europe ...Current Solar Cycle Weakest In 200 Years**

The sun in August 2015 and the climatic UV amplifier in the stratosphere  
By Frank Bosse and Fritz Vahrenholt (Translated/edited by P Gosselin) No Tricks Zone, Sep 29, 2015

<http://notrickszone.com/#sthash.YeEoVaKo.oCgqlqZc.dpbs>

### **Latest Study Indicates Solar Variability “Dominant Influence On Temperature” ...CMIP5 Models Fail**

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

<http://notrickszone.com/2015/09/27/latest-study-indicates-solar-variability-dominant-influence-on-temperature-cmip5-models-fail/#sthash.zVI0GHCO.dpbs>

[SEPP Comment: On a previously linked paper by Soon, et al.]

### ***Suppressing Scientific Inquiry – The Witch Hunt – Push-Back***

#### **A new low in science: Criminalizing climate change skeptics**

By Judith Curry, Fox News, Sep 28, 2015

<http://www.foxnews.com/opinion/2015/09/28/new-low-in-science-criminalizing-climate-change-skeptics.html>

### **My Fox News op-ed on RICO**

By Judith Curry, Climate Etc. Sep 28, 2015

<http://judithcurry.com/2015/09/28/my-fox-news-op-ed-on-rico/>

[SEPP Comment: Addition insights on her op-ed]

### **Shukla’s Gold**

By Steve McIntyre, Climate Audit, Sep 28, 2015

<http://climateaudit.org/2015/09/28/shuklas-gold/>

### **Those scientists who want to use RICO to prosecute AGW 'deniers' have a big problem**

By Russell Cook, American Thinker, Oct 1, 2015

[http://www.americanthinker.com/articles/2015/10/those\\_scientists\\_who\\_want\\_to\\_use\\_rico\\_to\\_prosecute\\_agw\\_deniers\\_have\\_a\\_big\\_problem.html](http://www.americanthinker.com/articles/2015/10/those_scientists_who_want_to_use_rico_to_prosecute_agw_deniers_have_a_big_problem.html)

### **Climate activists want us prosecuted under RICO**

Losing the climate science battle, climate activists want government to silence skeptics

Guest essay by Paul Driessen, WUWT, Sep 29, 2015

<http://wattsupwiththat.com/2015/09/29/climate-activists-want-us-prosecuted-under-rico/>

### **Getting Rich off Climate Extremism**

By Ian Tuttle, National Review, Oct 1, 2015 [H/t Timothy Wise]

<http://www.nationalreview.com/article/424875/climate-extremist-taxpayer-funded-ian-tuttle>

### **House Panel Probing Taxpayer Support for Effort to Investigate Climate Change Skeptics Congressman asks taxpayer-funded green group to preserve records ahead of investigation**

By Laqchlan Markay, Washington Free Beacon. Oct 1. 2-15

<http://freebeacon.com/issues/house-panel-probing-taxpayer-support-for-effort-to-investigate-climate-skeptics/>

### **#RICO20 \$4 million NSF grant while Shukla’s organization is being “dissolved” ?**

By Anthony Watts, WUWT, Sep 30, 2015

<http://wattsupwiththat.com/2015/09/30/rico20-4-million-nsf-grant-while-shuklas-organization-is-being-dissolved/>

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

#### **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***

#### **The battle against global warming: an absurd, costly and pointless crusade**

By Haberstick, Schmitt, Berton, Tournié and Basso., Editor: Gombero. (mathematicians), Société de Calcul Mathématique, SA (France), September, 2015

[http://www.scmsa.eu/archives/SCM\\_RC\\_2015\\_08\\_24\\_EN.pdf](http://www.scmsa.eu/archives/SCM_RC_2015_08_24_EN.pdf)

#### **Original Sin, Prophets, Witches, Preschool Sex Abuse, and Global Warming**

By Wallace Manheimer, Standard Scientific Research and Essays, Sep 2015

<http://www.standresjournals.org/journals/SSRE/Pdf/2015/september/Manheimer.pdf>

#### **Fundamental Science Errors In The Pope's Encyclical**

By Tim Ball, A Different Perspective, Sep 30, 2015

<http://drtimball.com/2015/fundamental-science-errors-in-the-popes-encyclical/>

*[SEPP Comment: Explaining why ignoring water vapor is a fundamental error in IPCC science, thus in the Pope's Encyclical.]*

#### **New Science 4: Error 1: Partial Derivatives**

By Jo Nova and David Evans, Her Blog, Sep 26, 2015

<http://joannenova.com.au/2015/09/new-science-4-error-1-partial-derivatives/#more-44775>

#### **New Science 5: Error 2: Model architecture means all feedbacks work through the surface temperature?**

By Jo Nova and David Evans, Her Blog, Sep 27, 2015

<http://joannenova.com.au/2015/09/new-science-5-error-2-model-architecture-means-all-feedbacks-work-through-the-surface-temperature/>

#### **New Science 6: How the Greenhouse Effect Works and “four pipes” to space**

By Jo Nova and David Evans, Her Blog, Sep 28, 2015

<http://joannenova.com.au/2015/09/new-science-6-how-the-greenhouse-effect-works-and-four-pipes-to-space/>

#### **New Science 7: Rerouting Feedback in Climate Models**

By Jo Nova and David Evans, Her Blog, Oct 1, 2015

<http://joannenova.com.au/2015/10/new-science-7-rerouting-feedback-in-climate-models/>

## **New Science 8: Applying the Stefan-Boltzmann Law to Earth**

By Jo Nova and David Evans, Her Blog, Oct 2, 2015

<http://joannenova.com.au/2015/10/new-science-8-applying-the-stefan-boltzmann-law-to-earth/>

## **The Need To Revisit The Climategate Revelations To Counter Mainstream Media Failure And The Paris Climate Conference Plans**

Guest opinion: Dr. Tim Ball, WUWT, Sep 28, 2015

<http://wattsupwiththat.com/2015/09/28/the-need-to-revisit-the-climategate-revelations-to-counter-mainstream-media-failure-and-the-paris-climate-conference-plans/>

## **Dr. Alan Carlin, former Senior EPA analyst, writes a comprehensive book on the craziness of the EPA**

By John Dunn, Junkscience.com, Sep 27, 2015

<http://junkscience.com/2015/09/27/dr-alan-carlin-former-senior-epa-analyst-writes-a-comprehensive-book-on-the-craziness-of-the-epa/>

*[SEPP Comment: Review of Alan Carlin's book.]*

## ***Defending the Orthodoxy***

### **Climate Change: Facts Versus Opinions**

By John Horgan, Scientific American, Oct 1, 2015

<http://blogs.scientificamerican.com/cross-check/climate-change-facts-versus-opinions/>

“FACT: As a result of increases in atmospheric carbon dioxide, global surface temperatures have increased by about one degree centigrade since 1880.”

*[SEPP Comment: There was no way of measuring global temperatures in 1880. Causation is not established.]*

## **The IPCC at a crossroads: Opportunities for reform**

By Carraro et al. Science Mag, Oct 2, 2015

<http://www.sciencemag.org/content/350/6256/34.full>

## ***Questioning the Orthodoxy***

### **Unsustainable Development Goals**

By Bjørn Lomborg, Project Syndicate, Sep 15, 2015

<http://www.project-syndicate.org/commentary/unsustainable-development-goals-by-bj-rn-lomborg-2015-09>

## **What is the global economic impact of climate change?**

By SJ Tol, World Economic Forum, Sep 18, 2015

<https://agenda.weforum.org/2015/09/what-is-the-global-economic-impact-of-climate-change/>

*[SEPP Comment: Explaining some of the deceit behind the 2°C target. Tol uses his version of the social cost of carbon.]*

## ***The China – US Agreement?***

### **China Cap-and-Trade: James Hansen on Carbon Cronyism**

By Robert Bradley Jr. Master Resource, Sep 29, 2015

<https://www.masterresource.org/china-international/china-cap-and-trade-james-hansen-on-cronyism/>

## **China-U.S. deal sets bar low ahead of Paris climate talks**

By David Stanway, Reuters, Sep 28, 2015

<http://uk.reuters.com/article/2015/09/28/uk-usa-china-climatechange-idUKKCNORS0ER20150928>

### **China's 2017 Carbon Timetable May Be Hit by Slowing Economy**

By Staff Writers, Bloomberg, Sep 29, 2015 [H/t GWPF]

<http://www.bloomberg.com/news/articles/2015-09-29/china-s-2017-carbon-timetable-may-be-hit-by-slowing-economy>

### **China Recycles: Another Attempt at Cap and Trade**

By Patrick Michaels, Cato, Sep 25, 2015

<http://www.cato.org/blog/china-recycles-another-attempt-cap-trade>

### ***On to Paris!***

#### **All Those Climate Change Pledges Are A Farce, New York Times Says**

By John Merline, IBD, Sep 28, 2015 [H/t Clyde Spencer]

<http://news.investors.com/092815-773048-climate-change-pledges-made-so-far-wont-stop-global-warming.htm?ven=yahoocp&src=aurilled&ven=yahoo>

### **Modi calls for climate change agenda that helps developing countries**

By David Brunnstrom and Jeff Mason, Reuters, Sep 29, 2015

<http://news.yahoo.com/modi-calls-climate-change-agenda-helps-developing-countries-043318958.html>

### **Philippines makes conditional offer to cut emissions by 70%**

By Staff Writes, AFP, Oct 1, 2015

<https://uk.news.yahoo.com/philippines-vows-cut-emissions-70-113113763.html#TkuWnyg>

### **The uncertainty of climate sensitivity and its implication for the Paris negotiations**

By Judith Curry, Climate Etc. Sep 30, 2015

<http://judithcurry.com/2015/09/30/the-uncertainty-of-climate-sensitivity-and-its-implication-for-the-paris-negotiations/>

### ***The Administration's Plan***

#### **Publication Date a Focal Point of \$300B Climate Fight**

By Bill Murray, Real Clear Energy, Sep 24, 2015

[http://www.realclearenergy.org/articles/2015/09/24/publication\\_date\\_becomes\\_focal\\_point\\_of\\_half-trillion\\_dollar\\_climate\\_fight\\_108781.html](http://www.realclearenergy.org/articles/2015/09/24/publication_date_becomes_focal_point_of_half-trillion_dollar_climate_fight_108781.html)

*[SEPP Comment: According to the article, in spite of costs to utilities and consumers, the administration is delaying publishing its plan for fear of the courts placing an injunction against the administration's actions.]*

### ***The Administration's Plan – Push-Back***

#### **EPA's Energy Power Grab**

By Brad D. Schimel, Heartland, Sep 10, 2015

<http://news.heartland.org/newspaper-article/2015/09/10/epas-energy-power-grab>

*[SEPP Comment: Discussing the pending litigation against the Administration's power plan.]*

### ***Social Benefits of Carbon***

## **Forests And Fields In Record Growth Around The Planet**

John Ross, The Australian, Via GWPF, Mar 31, 2015

<http://www.thegwpf.com/forests-and-fields-in-record-growth-around-the-planet/>

## **Impact of CO2 fertilization on maximum foliage cover across the globe's warm, arid environments**

By Donohue, Roderick, McVicar, and Farquhar, Geophysical Research Letters, Jun 19, 2015

<http://onlinelibrary.wiley.com/doi/10.1002/grl.50563/full>

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

### **India's climate plans pointer to green summit differences**

By Pramit Pal Chaudhuri, Hindustan Times, New Delhi, Oct 2, 2015 [H/t GWPF]

<http://www.hindustantimes.com/india/ocr2--chaudhuri-analysisi/story-SqLd5QXwg782AVogppadjM.html>

### **India's Climate Plan Will Triple Emissions By 2030**

By Paul Homewood, Not a Lot of People Know That, Oct 2, 2015

<https://notalotofpeopleknowthat.wordpress.com/2015/10/02/indias-climate-plan-will-triple-emissions-by-2030/#more-17224>

### **Climate Change And The Myth Of Stranded Assets**

By Nick Butler, Financial Times, Via GWPF, Sep 28, 2015

<http://www.thegwpf.com/climate-change-and-the-myth-of-stranded-assets/>

### **Climate pledges so far would allow extensive global warming by 2100**

By Eli Kintisch, Science Mag, Sep 28, 2015

<http://news.sciencemag.org/climate/2015/09/climate-pledges-so-far-would-allow-extensive-global-warming-2100>

[SEPP Comment: Assuming a temperature sensitivity to carbon dioxide that is far from demonstrated.]

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

### **Confluence (not conflict) of interest**

By Judith Curry, Climate Etc. Sep 30, 2015

<http://judithcurry.com/2015/09/30/confluence-not-conflict-of-interest/>

### **Commissions of Inquiry**

By Tim Ball, A Different Perspective, Oct 2, 2015

<http://drtimball.com/2015/commissions-of-inquiry/>

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

### **Beijing Climate Center's Climate System Model BCC\_CSM1.1(m)**

Liu, X., Wu, T., Yang, S., Jie, W., Nie, S., Li, Q., Cheng, Y. and Liang, X. 2015. Performance of the seasonal forecasting of the Asian Summer Monsoon by BCC\_CSM1.1(m). *Advances in Atmospheric Sciences* 32: 1156-1172., Sep 30, 2015

<http://www.co2science.org/articles/V18/sep/a22.php>

### **The Current Status of Modelling Arctic Summer Storm Tracks**

Nishii, K., Nakamura, H. and Orsolini, Y.V. 2015. Arctic summer storm track in IP3/5 climate models. *Climate Dynamics* 44: 1311-1327. Sep 28, 2015

<http://www.co2science.org/articles/V18/sep/a20.php>

[SEPP Comment: *The models failure to predict do not justify dire projections about the Arctic.*]

### **Giant Kelp Unaffected by Ocean Acidification**

Fernández, P.A., Roleda, M.Y. and Hurd, C.L. 2015. Effects of ocean acidification on the photosynthetic performance, carbonic anhydrase activity and growth of the giant kelp *Macrocystis pyrifera*. *Photosynthesis Research* 124: 293-304. Sep 25, 2015

<http://www.co2science.org/articles/V18/sep/a19.php>

“As demonstrated here, and in numerous *additional* reviews of *other* experiments posted on our website (found under the topics -- and sub-topics -- of *Ocean Acidification* and *Ocean Acidification and Warming* in our [Subject Index](#)), for many species, ocean acidification will be a non-problem ... and maybe even a *blessing!*”

### **The Climate Change that May Suppress Tropical Cyclone Strength**

Huang, P., Lin, I.-I., Chou, C. and Huang, R.-H. 2015. Change in ocean subsurface environment to suppress tropical cyclone intensification under global warming. *Nature Communications* 6: 10.1038/ncomms8188. Sep 24, 2015

<http://www.co2science.org/articles/V18/sep/a18.php>

### **Measurement Issues**

**Approximately 92% (or 99%) of USHCN surface temperature data consists of estimated values**

Guest essay by John Goetz, WUWT, Sep 27, 2015

<http://wattsupwiththat.com/2015/09/27/approximately-92-or-99-of-ushcn-surface-temperature-data-consists-of-estimated-values/>

### **Is There Evidence of Frantic Researchers “Adjusting” Unsuitable Data? (Now Includes July Data)**

Guest Post by Professor Robert Brown from Duke University and Werner Brozek, Edited by Just The Facts, WUWT, Oct 1, 2015

<http://wattsupwiththat.com/2015/10/01/is-there-evidence-of-frantic-researchers-adjusting-unsuitable-data-now-includes-july-data/>

### **Human error in the surface temperature record**

Guest essay by John Goetz, WUWT, Sep 28, 2015

<http://wattsupwiththat.com/2015/09/28/human-error-in-the-surface-temperature-record/>

### **Tired of the Claims of “Warmest Ever” Month and Year? They Will Likely Continue Next Year**

Guest Post by Bob Tisdale, WUWT, Sep 28, 2015

<http://wattsupwiththat.com/2015/09/28/tired-of-the-claims-of-warmest-ever-month-and-year-they-will-likely-continue-next-year/>

### **Changing Weather**

**Extraordinary Flooding Possible In South Carolina**

By Cliff Mass, Weather Blog, Oct 2, 2015

<http://cliffmass.blogspot.com/2015/10/extraordinary-flooding-possible-in.html>

### ***Changing Climate***

#### **Climate cooling and sea-level changes caused crocodilian retreat**

By Staff Writers, London, UK (SPX), Sep 25, 2015

[http://www.spacedaily.com/reports/Climate\\_cooling\\_and\\_sea\\_level\\_changes\\_caused\\_crocodilian\\_retreat\\_999.html](http://www.spacedaily.com/reports/Climate_cooling_and_sea_level_changes_caused_crocodilian_retreat_999.html)

### ***Changing Seas***

#### **Surface of the oceans affects climate more than thought**

Press Release, Leipzig Institute for Tropospheric Research, Sep 30, 2015

<https://www.tropos.de/en/current-issues/press-releases/details/surface-of-the-oceans-affects-climate-more-than-thought/>

#### **Loss of ocean predators has impact on climate change strategies**

By Staff Writers, Nathan, Australia (SPX), Oct 01, 2015

[http://www.terradaily.com/reports/Loss\\_of\\_ocean\\_predators\\_has\\_impact\\_on\\_climate\\_change\\_strategies\\_999.html](http://www.terradaily.com/reports/Loss_of_ocean_predators_has_impact_on_climate_change_strategies_999.html)

Link to paper: Predators help protect carbon stocks in blue carbon ecosystems

By Atwood, et al. Nature Climate Change, Sep 28, 2015

<http://www.nature.com/nclimate/journal/vaop/ncurrent/full/nclimate2763.html>

#### **Lo! Shark god protects us from storms, floods, heatwaves (sayth Nature & ABC)**

By Jo Nova, Her Blog, Sep 30, 2015

<http://joannnova.com.au/2015/09/lo-shark-god-protects-us-from-storms-floods-heatwaves-sayth-nature-abc/>

*[SEPP Comment: See link immediately above.]*

### **Ups and downs of sea level**

Mitrovica speaks on scenarios connected to gravitational effect

By Alvin Powell, Harvard Gazette, Sep 23, 2015 [H/t Climate Etc.]

[http://news.harvard.edu/gazette/story/2015/09/ups-and-downs-of-sea-level/?utm\\_source=twitter&utm\\_medium=social&utm\\_campaign=hu-twitter-general](http://news.harvard.edu/gazette/story/2015/09/ups-and-downs-of-sea-level/?utm_source=twitter&utm_medium=social&utm_campaign=hu-twitter-general)

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

#### **On the Bright Side: The Stability of Glaciers in the Astore Basin of Northwestern Himalaya**

By Craig Idso, Cato, Sep 24, 2015

<http://www.cato.org/blog/bright-side-stability-glaciers-astore-basin-northwestern-himalaya>

#### **Arctic sea ice still too thick for regular shipping route through Northwest Passage**

By Anthony Watts, WUWT, Sep 29, 2015

<http://wattsupwiththat.com/2015/09/29/arctic-sea-ice-still-too-thick-for-regular-shipping-route-through-northwest-passage/>

### **Arctic Ice Rebound**

By Ron Clutz, Science Matters, Sep 28, 2015

<https://rclutz.wordpress.com/2015/09/26/arctic-ice-rebound/>

#### **Dramatic Recovery In Arctic Sea Ice In September**

By Paul Homewood, Not a Lot of People Know That, Oct 1, 2015

<https://notalotofpeopleknowthat.wordpress.com/2015/10/01/dramatic-recovery-in-arctic-sea-ice-in-september/#more-17202>

[SEPP Comment The 2009 to 2012 declining trend changed in 2013.]

### ***Changing Earth***

#### **Icelandic volcano's toxic gas is treble that of Europe's industry**

By Staff Writers, Edinburgh, UK (SPX), Sep 25, 2015

[http://www.terraily.com/reports/Icelandic\\_volcanos\\_toxic\\_gas\\_is\\_treble\\_that\\_of\\_Europes\\_industry\\_999.html](http://www.terraily.com/reports/Icelandic_volcanos_toxic_gas_is_treble_that_of_Europes_industry_999.html)

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

#### **GMOs and Junk Science**

By Henry Miller and Kavin Senapathy, Project Syndicate, Sep 24, 2015

<http://www.project-syndicate.org/commentary/gmos-junk-science-by-henry-i--miller-and-kavin-senapathy-2015-09>

#### **20 Reasons Not To Feed Your Family Organic**

By David Zaruk, ACSH, Sep 29, 2015

<http://acsh.org/2015/09/20-reasons-not-to-feed-your-family-organic/>

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

#### **ASU study finds weather extremes harmful to grasslands**

By Staff Writers, Tempe AZ (SPX), Oct 01, 2015

[http://www.seeddaily.com/reports/ASU\\_study\\_finds\\_weather\\_extremes\\_harmful\\_to\\_grasslands\\_999.html](http://www.seeddaily.com/reports/ASU_study_finds_weather_extremes_harmful_to_grasslands_999.html)

“They increased precipitation variability on each plot to mimic the projected increased in the frequency of weather extremes such as drought and unusually wet conditions.”

[SEPP Comment: The study would have been more interesting if it was not linked to projections from climate models.]

### ***Lowering Standards***

#### **Bank of England: “Climate change a ‘huge’ financial risk”**

Guest essay by Eric Worrall, WUWT, Sep 30, 2015

<http://wattsupwiththat.com/2015/09/30/bank-of-england-climate-change-a-huge-financial-risk/>

#### **Is that you or your eco-warrior wife speaking Mark? Carney feels heat after saying 'climate change could cause new crash'**

By Hugo Duncan, Daily Mail, Oct 1, 2015 [H/t GWPF]

<http://www.dailymail.co.uk/news/article-3256918/Is-eco-warrior-wife-speaking-Mark-Carney-feels-heat-saying-climate-change-cause-new-crash.html>

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

#### **King crabs threaten Antarctic ecosystem due to warming ocean**

By Staff Writers, Melbourne FL (SPX), Oct 01, 2015

[http://www.spacedaily.com/reports/King\\_crabs\\_threaten\\_Antarctic\\_ecosystem\\_due\\_to\\_warming\\_ocean\\_999.html](http://www.spacedaily.com/reports/King_crabs_threaten_Antarctic_ecosystem_due_to_warming_ocean_999.html)

Link to paper: No barrier to emergence of bathyal king crabs on the Antarctic shelf

By Aronson, et al. PNAS, Sep 28, 2015

<http://www.pnas.org/content/early/2015/09/24/1513962112.abstract>

*[SEPP Comment: The abstract states the area of study was limited to the western Antarctic Peninsula, not the Antarctic. “Among the **likely first arrivals** are king crabs (Lithodidae), which were discovered recently on the adjacent continental slope.” Boldface added.]*

### **Climate Change and El Niño Will Make Ocean Levels Swing Like a Seesaw**

By Padma Nagappan, TakePart.com Sep 30, 2015 [H/t Clyde Spencer]

<http://news.yahoo.com/climate-change-el-ni-o-ocean-levels-swing-233236093.html>

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

#### **Coffee, with a pinch of salt**

By Andrew Montford, Bishop Hill, Oct 2, 2015

<http://bishophill.squarespace.com/blog/2015/10/2/coffee-with-a-pinch-of-salt.html>

Link to debunked article: Global Coffee Shortage Looms as Market Braces for Climate Change

By Whitney McFerron, Bloomberg, Oct 1, 2015

[http://www.bloomberg.com/news/articles/2015-10-01/global-coffee-shortage-looms-as-market-braces-for-climate-change?utm\\_content=buffer136f9&utm\\_medium=social&utm\\_source=twitter.com&utm\\_campaign=buffer](http://www.bloomberg.com/news/articles/2015-10-01/global-coffee-shortage-looms-as-market-braces-for-climate-change?utm_content=buffer136f9&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer)

*[SEPP Comment: Low prices of the threat of climate change depress future supplies??]*

### **Lying To Boost The Climate Scare**

By Tom Harris, Climate Science Coalition, Daily Caller, Sep 30, 2015

<http://dailycaller.com/2015/09/30/lying-to-boost-the-climate-scare/>

### **Oil Giants Form Climate Lobbying Group**

By Staff Writers, Environmental Leader, Sep 29, 2015 [H/t Dennis Ambler]

<https://www.environmentalleader.com/2015/09/29/oil-giants-form-climate-lobbying-group/>

*[SEPP Comment: Only one company, Shell, is a major oil producer. What is the World Bank Group doing in this lobbying effort?]*

### **Political Fraud – Van Ypersele Tries Using “Climate Change” As Excuse For Massive Middle East Policy Incompetence!**

By P Gosselin, No Tricks Zone, Sep 28, 2015

<http://notrickszone.com/2015/09/28/political-fraud-van-ypersele-tries-using-climate-change-as-excuse-for-massive-middle-east-policy-incompetence/#sthash.M8iqLUGj.dpbs>

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

#### **Relatively few in U.S., Europe see climate change as a serious threat**

By Jill Carle, Pew Research Center, Sep 15, 2015

<http://www.pewresearch.org/fact-tank/2015/09/25/relatively-few-in-u-s-europe-see-climate-change-as-a-serious-threat/>

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

#### **Historic New Sustainable Development Agenda Unanimously Adopted by 193 UN Members**

By Staff Writers, UN, Sep 25, 2015

<http://www.un.org/sustainabledevelopment/blog/2015/09/historic-new-sustainable-development-agenda-unanimously-adopted-by-193-un-members/>

### **The UN’s Hard-to-Swallow Climate Fare**

By Michael Kile, Quadrant, Sep 29, 2015

<http://quadrant.org.au/opinion/doomed-planet/2015/09/uns-hard-swallow-climate-fare/>

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

#### **£6 Billion Of Crappy Renewable Energy: Just What The Third World Needs**

By James Delingpole, Breitbart, Sep 29, 2015

<http://www.breitbart.com/london/2015/09/29/6-billion-crappy-renewable-energy-just-third-world-needs/>

#### **Climate Saviours & Europe's Mad Rush For Diesel**

By Dominic Lawson, The Sunday Times, Via GWPF, Sep 27, 2015

<http://www.thegwpf.com/dominic-lawson-climate-saviours-europes-mad-rush-for-diesel/>

### ***Non-Green Jobs***

#### **Shale revolution revitalizing U.S. manufacturing**

By William F. Shughart II, San Diego Union Tribune, Sep 23, 2015

<http://www.sandiegouniontribune.com/news/2015/sep/24/shale-revolution-american-manufacturing/>

“Since 2010, U.S. manufacturers have added 1 million jobs. While those additions are still only a fraction of the manufacturing jobs lost during decades of offshoring, the turnaround is striking.”

#### **Government comes under increasing pressure to scrap green charges as Redcar steel plant closure sparks outburst**

By Peter Campbell, Daily Mail, UK, Sep 28, 2015 [H/t GWPF]

<http://www.thisismoney.co.uk/money/markets/article-3252626/Government-comes-increasing-pressure-scrap-green-charges-Redcar-steel-plant-closure-sparks-outburst.html>

### ***Funding Issues***

#### **Time to switch from ‘climate change’ to ‘climate justice’: Modi**

By Anisha Khatun, The Samaya, Sep 26, 2015

<http://odishasamaya.com/news/time-to-switch-from-climate-change-to-climate-justice-modi/57141>

*[SEPP Comment: If the West believes its non-science on global warming, pay us for you abusing the climate!]*

#### **UK's £10billion plan to help Third World adopt more green energy: Cameron announces 50% increase in amount of aid spent on controversial initiative**

By Jack Doyle, Daily Mail, UK, Sep 28, 2015 [H/t GWPF]

<http://www.dailymail.co.uk/news/article-3251459/UK-s-10billion-plan-help-World-adopt-green-energy-Cameron-announces-50-increase-aid-spent-controversial-initiative.html>

#### **UK Energy Minister gives £5.8 billion of funding to UN to make everyone richer, may stem migration too**

By Jo Nova, Her Blog, Sep 29, 2015

<http://joannenova.com.au/2015/09/uk-energy-minister-gives-5-8-billion-of-funding-to-un-to-make-everyone-richer/>

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

**Ideology adds heat to the debate on climate change — Jennifer Marohasy**

By Jo Nova, Her Blog, Sep 28, 2015

<http://joannenova.com.au/2015/09/ideology-adds-heat-to-the-debate-on-climate-change-jennifer-marohasy/>

### **A Fault That Knocks Politicians From The Environmental Moral High Ground.**

By Tim Ball, A Different Perspective, Oct 2, 2015

<http://drtimball.com/2015/a-fault-that-knocks-politicians-from-the-environmental-moral-high-ground/>

### **Aussie Government Climate Skeptic Purge Continues**

Guest essay by Eric Worrall, WUWT, Sep 27, 2015

<http://wattsupwiththat.com/2015/09/27/aussie-government-climate-skeptic-purge-continues/>

### **The Uncertain Republican Congressional Trumpet**

By Alan Carlin, Carlin Economics and Science, Oct 2, 2015

<http://www.carlineconomics.com/archives/2186>

### ***Litigation Issues***

#### **Federal District Court Blocks Obama Water Rule**

H. Sterling Burnett, Heartland, Sep 23, 2015

<http://news.heartland.org/newspaper-article/2015/09/21/federal-district-court-blocks-obama-water-rule>

#### **Minnesota Hearing Addresses the Social Cost of Carbon**

By Roy Spencer, His Blog, Sep 30, 2015

<http://www.drroyspencer.com/2015/09/minnesota-hearing-addresses-the-social-cost-of-carbon/>  
[SEPP Comment: Will the next "cause" be the social cost of water vapor?]

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

#### **Carbon Floor Pricing contributing to UK steel crisis, says think tank**

Global Warming Policy Foundation calls on government to scrap costly policy

By Staff Writers, Institution of Mechanical Engineers, Oct 1, 2015 [H/t GWPF]

<http://www.imeche.org/news/engineering/carbon-floor-pricing-contributing-to-uk-steel-crisis-says-think-tank>

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

#### **Michigan's Wind Energy Mandate Costs Each Family Nearly \$4,000**

By Jack Spencer, Michigan Capitol Confidential, Oct 2, 2015

<http://www.michigancapitolconfidential.com/21783>

Link to report overview and report: Renewable Portfolio Standards: Michigan

By Staff Writers, Institute of Political Economy, Utah State University, Sep 27, 2015

<http://www.usu.edu/ipe/index.php/renewable-portfolio-standards-michigan/>

#### **Minnesota weather clouds solar power potential**

By Tom Steward, Watchdog.org, Sep 28, 2015 [H/t Timothy Wise]

<http://watchdog.org/239957/minnesota-weather-clouds-solar-power-potential/>

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

#### **EPA Finalizes Costly, Unnecessary Ozone Rule**

By Staff Writers, IER, Oct 1, 2015

<http://instituteeforenergyresearch.org/analysis/epa-finalizes-costly-unnecessary-ozone-rule/>

Link to Air Quality Trends

By Staff Writers, EPA, Sep. 12, 2015

<https://web.archive.org/web/20150912070048/http://www.epa.gov/airtrends/aqtrends.html>

“EPA claims that further reducing ozone will lessen a variety of health ailments, including asthma. However, as ozone levels have decreased, asthma rates have actually risen. Specifically, child asthma rates are up 131 percent since 1980, despite falling ozone concentrations. If reducing ozone alleviated asthma as much as EPA claims, one would expect asthma rates to be falling with ozone levels.”

### **EPA’s Gold King Whitewash, Part III**

By Paul Driessen, Master Resource, Sep 28, 2015

<https://www.masterresource.org/epa-gold-king/epa-gold-king-whitewash-iii/>

### **EPA To Volkswagen: Emissions Cheating Is Far Worse Than Killing 124 People**

Volkswagen's bombshell admission that it cheated on US emissions testing has become the latest in a string of auto industry scandals driven by the moral hazard of bailouts.

By Edward Niedermeyer, The Federalist, Sep 25, 2015 [H/t Timothy Wise]

<http://thefederalist.com/2015/09/25/epa-to-volkswagen-emissions-cheating-is-far-worse-than-killing-124-people/>

### **Background Ozone a Major Issue in U.S. West**

By Staff Writers, Pasadena CA (JPL), Oct 01, 2015 [H/t Toshio Fujita]

[http://www.spacedaily.com/reports/Background\\_Ozone\\_a\\_Major\\_Issue\\_in\\_U\\_S\\_West\\_999.html](http://www.spacedaily.com/reports/Background_Ozone_a_Major_Issue_in_U_S_West_999.html)

[SEPP Comment: Also a major summer issue in the East – from vegetation.]

### **EPA cracks down on oil refinery pollution**

By Devin Henry, The Hill, Sep 29, 2015

<http://thehill.com/policy/energy-environment/255299-epa-cracks-down-on-oil-refinery-pollution>

### **EPA Finalizes Steam Electric Power Plant Effluent Guidelines**

By Sonal Patel, Power Mag, Sep 30, 2015

[http://www.powermag.com/epa-finalizes-steam-electric-power-plant-effluent-guidelines/?hq\\_e=el&hq\\_m=3160115&hq\\_l=7&hq\\_v=5e660500d0](http://www.powermag.com/epa-finalizes-steam-electric-power-plant-effluent-guidelines/?hq_e=el&hq_m=3160115&hq_l=7&hq_v=5e660500d0)

### ***Energy Issues – Non-US***

#### **Have the Saudis Opened Pandora’s Box?**

By Donn Dears, Power For USA, Sep 29, 2015

<https://dddusmma.wordpress.com/2015/09/29/have-the-saudis-opened-pandoras-box/>

#### **Final leg of new European gas line completed**

Statoil lays gas pipeline across Arctic Circle.

By Daniel Graeber, UPI, Sep 29, 2015 [H/t Toshio Fujita]

[http://www.upi.com/Business\\_News/Energy-Industry/2015/09/29/Final-leg-of-new-European-gas-line-completed/6131443523580/](http://www.upi.com/Business_News/Energy-Industry/2015/09/29/Final-leg-of-new-European-gas-line-completed/6131443523580/)

[SEPP Comment: The pipeline carries natural gas from north of the Arctic Circle – 66.5° N.]

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

## **Does Clean Power Destroy the Economy?**

By Jay Hakes, Real Clear Energy, Sep 27, 2015

[http://www.realclearenergy.org/articles/2015/09/27/does\\_clean\\_power\\_destroy\\_the\\_economy\\_108786.html](http://www.realclearenergy.org/articles/2015/09/27/does_clean_power_destroy_the_economy_108786.html)

*[SEPP Comment: The analogy with past regulations is false. There were commercially available technologies to deal with particle emissions. There is no commercially available technology to deal with CO2 emissions, despite what administration officials claim. Further, there is no commercially available technology to convert unreliable electricity from solar and wind to reliable electricity on a massive scale.]*

## **Shell Halts Alaska Offshore Exploration After Failing to Find Enough Oil**

By Rakteem Katakey and Winnie Zhu, Bloomberg, Sep 28, 2015

<http://www.bloomberg.com/news/articles/2015-09-28/shell-to-stop-exploring-offshore-alaska-on-regulations-costs>

## **TransCanada tries new legal route for Keystone XL**

By Daniel J. Graeber, Bismarck, N.D. (UPI), Sep 30, 2015

[http://www.oilgasdaily.com/reports/TransCanada\\_tries\\_new\\_legal\\_route\\_for\\_Keystone\\_XL\\_999.html](http://www.oilgasdaily.com/reports/TransCanada_tries_new_legal_route_for_Keystone_XL_999.html)

## ***Washington's Control of Energy***

### **Judge To Obama: You Can't Regulate Fracking On Federal Lands**

By Michael Bastasch, Daily Caller, Sep 30, 2015

<http://dailycaller.com/2015/09/30/judge-to-obama-you-cant-regulate-fracking-on-federal-lands/>

## **US Court Blocks Obama Administration Rules on Fracking**

Editorial, New York Times, Via GWPF, Oct 1, 2015

<http://www.thegwpf.com/us-court-blocks-obama-administration-rules-on-fracking/>

*[SEPP Comment: Although fracking is highly successful as regulated by states, Washington cannot establish a reasonable set of regulations for federally controlled lands and waters and the New York Times cannot explain the issue to its readers.]*

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

### **The Shale Shock: How the world has changed**

Few understand it, but the shale revolution has opened up additional centuries of low-cost oil and gas for the world.

By Steve Goreham, CDN, Sep 30, 2015

<http://www.commdigineews.com/featured/the-shale-shock-how-the-world-has-changed-49211/>

## **Department of Transportation Needs to Complete Regulatory, Data, and Guidance Efforts**

By Staff Writers, GAO, Sep 29, 2015 [H/t Timothy Wise]

<http://www.gao.gov/products/GAO-15-843T>

Link to testimony: Pipeline Safety

By Susan Fleming, GAO Physical Infrastructure Issues, Sep 29, 105

<http://www.gao.gov/assets/680/672809.pdf>

*[SEPP Comment: For oil and natural gas pipelines.]*

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

### **Nuclear Power -- Rebirth or Renaissance?**

By William Tucker, Real Clear Energy, Sepp 24, 2015

[http://www.realclearenergy.org/articles/2015/09/24/nuclear\\_power\\_rebirth\\_or\\_renaissance\\_108782.html](http://www.realclearenergy.org/articles/2015/09/24/nuclear_power_rebirth_or_renaissance_108782.html)

### **Aussie Nuclear Industry: “renewables won’t get us across the line”**

By Eric Worrall, WUWT, Sep 29, 2015

<http://wattsupwiththat.com/2015/09/29/aussie-nuclear-industry-renewables-wont-get-us-across-the-line/>

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

#### **Germany Now Faced With Thousands Of Aging Wind Farms**

By Gaurav Agnihotri, Oil Pirce.com, Sep 28, 2015

<http://oilprice.com/Alternative-Energy/Wind-Power/Germany-Now-Faced-With-Thousands-Of-Aging-Wind-Farms.html>

#### **Reality Check: Solar Is Not The Cheapest Form Of Energy**

By Michael Lynch, Forbes, Oct 1, 2015

<http://www.forbes.com/sites/michaelynch/2015/10/01/solar-is-cheapest-reality-check/?ss=energy>

#### **Solar Technology’s Glaring Inferiority ...Phileas Fogg’s 19th Century Balloon Beats 21st Century Solar Impulse 2 By Over 300 Days!**

By P Gosselin, No Tricks Zone, Sep 26, 2015

<http://notrickszone.com/2015/09/26/solar-technologys-glaring-inferiority-phileas-foggs-19th-century-balloon-beats-21st-century-solar-impulse-2-by-over-300-days/#sthash.I7VD3OiL.dpbs>

*[SEPP Comment: The errors in the article take away from the message, the highly publicized solar airplane stopped flying.]*

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

#### **Swansea Bay's £1bn tidal lagoon hit by delay**

By Staff Writers, BBC, Oct 2, 2015

<http://www.bbc.com/news/uk-wales-south-west-wales-34420631>

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

#### **Do diesels have a future?**

By Martin Livermore, The Scientific Alliance, Oct 2, 2015

<http://scientific-alliance.org/node/961>

*[SEPP Comment: Analysis of various alternative to powering automobiles. Question the health dangers of PM2.5 as compared with PM10]*

#### **Hybrids and the cost of virtue signaling**

By Andrew Montford, Bishop Hill, Oct 1, 2015

<http://bishophill.squarespace.com/blog/2015/10/1/hybrids-and-the-cost-of-virtue-signalling.html>

Link to report: Quantifying the impact of real-world driving on total CO2 emissions from UK cars and vans

By Staff Writers, Element Energy Limited for The Committee on Climate Change, UK, Sep 2015

<http://static1.1.sqspcdn.com/static/f/102468/26575119/1443690888140/Impact-of-real-world-driving-emissions-for-UK-cars-and-vans.pdf?token=6q9GgDJAMmcqBmEpk8cydLoRr7s%3D>

**VW's Audi says 2.1 mn cars worldwide fitted with emission-cheating software**

By Staff Writers, AFP, Sep 28, 2015  
<https://in.news.yahoo.com/vws-audi-says-2-1-102857125.html>

**Carbon Schemes**

**CCS projects may be uninsurable**

By Andrew Montford, Bishop Hill, Sep 30, 2015  
<http://bishophill.squarespace.com/blog/2015/9/30/ccs-projects-may-be-uninsurable.html>

**Other News that May Be of Interest**

**Academic Calls for a Return to Eugenics (to Battle Global Warming)**

By William Briggs, The Stream, Oct 1, 2015  
<http://stream.org/academic-calls-return-eugenics-battle-global-warming/>  
*[SEPP Comment: As absurd as this seems, 20 years ago how many people would have claimed carbon dioxide is a pollutant? Yet, now it is routine.]*

**Oxford University Student Union bans free speech magazine because it is 'offensive'**

The prestigious university's Student's Union was not impressed by the magazine, which is called 'No Offence'  
By Helena Horton, Telegraph, UK, Oct 1, 2015  
<http://www.telegraph.co.uk/education/universityeducation/11904376/Oxford-University-Student-Union-bans-free-speech-magazine-because-it-is-offensive.html>

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**BELOW THE BOTTOM LINE:**

**Climate Murder Conspiracy Complaint Dismissed**

By David Brown, The Times, Via GWPF, Sep 28, 2015  
<http://www.thegwpf.com/climate-murder-conspiracy-complaint-dismissed/>

**They're invading!...but then again maybe not**

By Staff Writers, Climate Change Predictions.org, Oct 2, 2015  
<http://climatechangepredictions.org/uncategorized/4499>

*"Ancient viruses have been lying dormant in Siberian permafrost for centuries. But global warming is about to change that. Scientists have made another massive discovery of ancient (and giant) viruses hidden dormant in the permafrost. As the planet warms, finding these things—and waking them—is going to become more commonplace.*

*"..... the distant possibility does exist, and as more and more polar thawing occurs, our statistical chance of finding something will grow. But Dr. James Van Etten, a professor at University of Nebraska-Lincoln thinks that a viral outbreak is a worry you can put out of your head.*

*"Certainly," he says, "I would not lose any sleep over this issue." The Daily Beast, 27 Sep 2015*

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