

**The Week That Was: 2014-08-02 (August 2, 2014)**  
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**The Science and Environmental Policy Project**

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**Quote of the Week:** *"Ignorance more frequently begets confidence than does knowledge: it is those who know little, not those who know much, who so positively assert that this or that problem will never be solved by science."* -- Charles Darwin

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**Number of the Week:** 63% v. 31%

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**SEPP'S APRIL FOOLS AWARD**  
**THE JACKSON**

On July 27, SEPP announced the winner of this year's April Fools award at the annual meeting of the Doctors for Disaster Preparedness (DDP). Each year SEPP conducts its annual vote for the recipient of the coveted trophy, The Jackson, a piece of coal on a pedestal. Readers of The Week That Was are asked to nominate and vote for who they think is most deserving following these criteria:

- The nominee has advanced, or proposes to advance, significant expansion of governmental power, regulation, or control over the public or significant sections of the general economy.
- The nominee does so by declaring such measures are necessary to protect public health, welfare, or the environment.
- The nominee declares that physical science supports such measures.
- The physical science supporting the measures is flimsy at best, and possibly non-existent.

There were 20 nominations representing 4 countries and the States of California and Vermont. The votes have been tabulated.

The clear winner was John Kerry!

On February 16, Mr. Kerry gave a speech to students and government officials in Jakarta, Indonesia. He called global warming/climate change perhaps the world's most fearsome weapon of mass destruction.

The DDP meeting was a particularly fitting place to announce the April Fool's award because many attending are knowledgeable about real man-made weapons of mass destruction, such as thermonuclear devices. These are significantly different from the largely imaginary one of man-made global warming Mr. Kerry decried.

In the 1960s and 70s the term Ugly American was used to describe arrogant behavior by Americans and American officials abroad.

Mr Kerry is very wealthy, with several luxury homes, luxury yacht, and private jet.

Yet, in that speech, he urged developing nations to cut greenhouse-gas emissions, namely carbon dioxide. For Indonesia, and many other developing countries, coal-fired power plants are critical for generating the electricity necessary to help bring these countries out of dire poverty. Coal-fired power plants emit carbon dioxide, which Mr. Kerry is demanding developing countries stop. Does the term Ugly American fit?

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**THIS WEEK:**

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

**DDP Meeting:** There were several scientific presentations at the Annual Meeting of the Doctors for Disaster Preparedness that may be of interest to TWTW readers. SEPP President and Chairman Fred Singer gave two presentations: one on sea level rise and one of the difference between the findings of the UN Intergovernmental Panel on Climate Change (IPCC) and the Nongovernmental International Panel on Climate Change (NIPCC).

In his first presentation, Singer asserted that there is no evidence that sea level rise is accelerating. Earlier satellite indications that it was accelerating were the result of calibration errors. The best tidal gage data indicates a rise of about 15 cm (6 inches) by 2100. This is consistent with historic rise over the past few millennia. Singer attributes the rise to the slow melting of the West Antarctic ice sheet (which is different than the glaciers on the Antarctic continent, which are accumulating snow and ice). Singer asserts sea level rise appears to be independent of global temperatures and carbon dioxide (CO<sub>2</sub>). There is nothing humans can do except build dikes in vulnerable areas and wait for the next ice age.

In discussing the difference between the IPCC and NIPCC reports, Singer brought up the findings of the InterAcademy Council that IPCC reports need independent review, which NIPCC provides. NIPCC examines studies and data that the IPCC overlooks.

Singer asserted that the projections from the IPCC models greatly overestimate warming, even though world-wide emissions of carbon dioxide continue to rise. He also asserted there are issues with the surface temperature data, particularly between 1979 and 1997, which may be a result of human error.

Singer concluded that the NIPCC data show no significant anthropogenic (human-caused) global warming (AGW) in the 20<sup>th</sup> century. There has been no significant AGW in the 21<sup>st</sup> century. The sensitivity of the Earth's temperatures to CO<sub>2</sub> is near zero. Government controls on CO<sub>2</sub> emissions are pointless, costly and hazardous to general human welfare.

Astrophysicist Willie Soon, a lead author of the NIPCC Climate Change Reconsidered II – Physical Science, emphasized errors and omissions in the IPCC Fifth Assessment Report (AR-5, 2013) in describing the solar influences on the earth's climate. Among the issues Soon discussed is that the IPCC report ignored the non-linear dynamics of the Earth's orbit; which produce changes in the seasonal distribution of incoming sunlight. Also, it omits discussion of the uncertainty in measuring total solar irradiation, which is so great that there can be no confidence in the climate signals from increasing CO<sub>2</sub>. The report ignores datasets that differ from the one chosen. The IPCC report ignores that accurate knowledge of the influence of solar ultraviolet (UV) irradiance is needed to establish total solar influence and that influence of the solar magnetic fields may be incorrectly dismissed as well as studies of Sun-like stars.

Charles Battig, the president of the Piedmont Chapter of Virginia Scientists and Engineers for Energy and Environment presented his detailed research on the expanding influence of the UN policymakers on local governments and local land-use decisions. These influences generally are promoted as needed for the false notion of sustainability, which Charles considers to be a path to hunger. The research can be found at Battig's web site: <http://climateis.com/2014/07/29/my-doctors-for-disaster-preparedness-presentation-sustainability-a-path-to-the-hunger-games-knoxville-tn-july-26-2014/>

James Peacock, an Apollo engineer, presented the findings of the Right Climate Stuff Team. The team of retired Apollo scientists and engineers applied the technology and decision making process they used on the Apollo missions to the global warming/climate change research currently being conducted and found the current research wanting. The findings can be found at web site managed by Peacock: <http://www.therightclimatestuff.com/SummaryPrelimReport.html>.

Ken Haapala, of SEPP, discussed the decaying empirical support of the EPA's finding that greenhouse gas emissions, particularly carbon dioxide, endanger human welfare. The EPA's three lines of evidence cannot be substantiated. The falsely declared human fingerprint is an illusion. The hot spot centered over the tropics at about 33,000 feet (10 km) cannot be found with satellite and weather balloon measurements, would occur whatever the cause of the surface warming. The claimed unprecedented and dangerous late 20<sup>th</sup> century warming is likely erroneous. The warming can be easily refuted by an examination of the Earth's temperatures from 10,000 years ago to 300 years ago, using the best records available (Don Easterbrook). And the forecasting ability of the climate models is growing worse as the Earth refuses to warm as claimed. The models are speculative.

Haapala discussed how production of oil and natural gas are declining in federally-controlled areas. He presented the heavy government funding of alternative energy programs and that the funding is a lobby promoting global warming, which has little to do with the actual science. In his view, the major threat to America's energy security lies in Washington.

On Saturday night, Dr. Ming Wang gave a moving talk and musical performance. He discussed his flight from China, and why it gave him a great appreciation for freedom. His 3D laser eye surgery and pioneering amniotic membrane contact lenses have given sight to many who had little hope. It was a particularly touching moment in a fine educational conference.

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**Council of Economic Advisers:** The President's Council of Economic Advisers released a report finding that great harm will come to the national economy from global warming/climate change if the President's climate plan is not adopted. The report is based on the DICE model developed by William Nordhaus, who became a co-author with Paul Samuelson in Samuelson's famed textbook, **Economics**.

In itself, the Dynamic Integrated Climate-Economy (DICE) model can be interesting. But, all this is based on climate models, and their assumptions, which are failing. If, as stated above, the impact of CO<sub>2</sub> emissions on the Earth's temperatures are minimal, the adverse economic impact of the emissions on the nation is minimal. As the disparity between climate model forecasts and temperature observations grows, the speculative nature of these models become more apparent. Could building a speculative economic model on top of a speculative climate model be called speculation squared?

Also disturbing: the report uses pre-industrial levels of carbon dioxide as a baseline. The pre-industrial period corresponded to the Little Ice Age. As shown by H.H. Lamb in *Climate, History, and the Modern World*, the Little Ice Age was a devastating period for humanity. Some argue that the cold period only occurred in Europe. But studies collected by CO2 Science show the argument to be false. The age brought periods of disease, famine, and death to temperate regions of the world. If CO2 brought the world out of the Little Ice Age, doubtful, then it is an enormous benefit to humanity. These economists apparently do not know economic history.

Also, the current benefits of CO2 are not included in the calculations. These benefits are presented in NIPCC's *Climate Change Reconsidered – Biological Impacts*. It is as if official Washington, including the Department of Agriculture, has forgotten the concept of photosynthesis.

Official Washington seems to be bound by a mind-set that CO2 is the control knob of Earth's temperatures and that the mind-set must be defended at all costs. The damage to the credibility of once venerated institutions is one of the costs. See links under Lowering Standards.

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**WWI Mind-Set:** With regard to CO2 it seems official Washington has a mind-set similar to that of World War I generals. August 4 marks the 100<sup>th</sup> anniversary of the beginning of World War I. After initial German success in the West, the war became one of trench warfare. For years, in spite of all evidence, European generals on all sides ordered millions of men to their deaths by demanding frontal assaults on heavily defended positions. The soldiers were slaughtered by concentrated artillery and machinegun fire.

For example, on July 1, 1916, the British opened the battle of the Somme. Using tanks for the first time, the offensive was initially successful. But it quickly bogged down. The British lost about 60,000 men the first day – killed, wounded, or missing. When asked why the assault failed to take the objectives, General Haig reportedly said they did not commit enough men.

By the time nature mercifully ended the battle with the onset of winter, the British had lost over 600,000 men, the French about 200,000 and the Germans over 400,000.

No strategic objectives were taken, but the British military historians termed the battle a victory.

When Churchill criticized the strategy, his critics demanded what he would have done. We do not know Churchill's response, but an appropriate response would have been: DO NOTHING!

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**Sub-Prime Investments:** In a Senate hearing, EPA Administrator Gina McCarthy promoted the closing of coal-fired power plants as investment opportunity in renewable energy. In the 1990s and early 2000s we had some government officials and politicians promoting sub-prime mortgages as investments opportunities, all based on sub-prime economics. Now we have government officials and politicians promoting sub-prime electrical generation as investment opportunities, all based on sub-prime science.

EPA Deputy Administrator Bob Perciasepe complains that he is having difficulty building a bridge to Republican members of Congress. Perhaps some are not the fools the EPA thinks they are. See links under EPA and Other Regulators on the March

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**Green Machine:** A Minority Staff report by the US Senate Committee on Environment and Public Works details the interlocking relationships among some private foundations on funneling money to the environmental industry, many of whose former employees are now members of this administration. The response to this report should be interesting, particularly the response by the EPA.

On a different matter, IBD reported that the IRS reached an out-of-court settlement with a group of atheists, whereby IRS will start to monitor church sermons. The purpose is to see if the sermons have a political context that could be ascribed to violating the tax-exempt status of the churches.

It would be interesting to see the reaction of environmentally orientated foundations if their tax-status is questioned on the basis of their donations to organizations in the environmental industry. See links under Funding Issues and Other News that May Be of Interest.

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**GAO:** A 2005 law prevents the EPA from directly regulating the hydraulic fracturing of oil and gas wells, a process that is decades old. A report from the General Accountability Office recommends that EPA begin regulating these important activities under the guise of the Clean Water Act. As with many current government reports, this one is long on concerns and short on facts. It presents no evidence that state regulators are failing in their duties, and largely ignores that most of the fracturing is occurring thousands of feet below aquifers, with impervious rock separating the layers. The report may become a questionable justification for the EPA to expand its regulatory powers. See link under EPA and other Regulators on the March

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**Number of the Week:** 63% v. 31% A study of national death certificates by the Centers for Disease Control and Prevention covering the five year period of 2006 to 2010 attributed 10,649 deaths to weather events.

Of the deaths attributed to the weather, about 63% were tied to exposure to the cold or hypothermia; about 31% of the deaths were caused by heat, heat stroke or sun stroke and the remaining 6% were blamed on storms, floods or lightning.

So much for the alarmism being spread by many in Washington that CO2 emissions will cause massive numbers of deaths.

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**ARTICLES:**

For the numbered articles below, please see this week's TWTW at: [www.sepp.org](http://www.sepp.org). The articles are at the end of the pdf.

**1 Why the Buzz About a Bee-pocalypse Is a Honey Trap**

Populations of the pollinators are not declining and a ban on neonic pesticides would devastate U.S. agriculture.

By Henry Miller, WSJ, Jul 22, 2014

[http://online.wsj.com/articles/henry-i-miller-why-the-buzz-about-a-bee-pocalypse-is-a-honey-trap-1406071612?tesla=y&mod=djemMER\\_h&mg=reno64-wsj](http://online.wsj.com/articles/henry-i-miller-why-the-buzz-about-a-bee-pocalypse-is-a-honey-trap-1406071612?tesla=y&mod=djemMER_h&mg=reno64-wsj)

**2. Japan to Step Up Support for Overseas Use of Coal**

By Mari Iwata, WSJ, Jul 23, 2014

<http://online.wsj.com/articles/japan-to-step-up-support-for-overseas-use-of-coal-1406114037>

### **3. Miners Struggle With a Federal Cave-In**

It takes the average American mine seven to 10 years to move from permitting to production.

By Daniel McGroarty, WSJ, Jul 24, 2014

<http://online.wsj.com/articles/daniel-mcgroarty-miners-struggle-with-a-federal-cave-in-1406243847>

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#### **NEWS YOU CAN USE:**

#### ***Climategate Continued***

##### **Cook's Fake Ethics Approval**

By Steve McIntyre, Climate Audit, Jul 26, 2014

<http://climateaudit.org/2014/07/26/cooks-fake-ethics-approval/>

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

##### **Greens try to get scientists removed from select committee**

By Andrew Montford, Bishop Hill, Jul 31, 2014

<http://bishophill.squarespace.com/blog/2014/7/31/greens-try-to-get-scientists-removed-from-select-committee.html>

#### ***Challenging the Orthodoxy***

##### **Is West Antarctic ice 'endangered'?**

By William Balgord, Detroit News, Jul 17, 2014

<http://www.detroitnews.com/apps/pbcs.dll/article?AID=/201407170100/OPINION01/307170006>

#### **Climate Science; Winning The Science Battle, But Losing the Policy**

By Tim Ball, A Different Prospective, Jul 28, 2014

<http://drtimball.com/2014/climate-science-winning-the-science-battle-but-losing-the-policy-war/>

#### **Paper justifying AR4's use of a uniform prior for estimating climate sensitivity shown to be faulty**

By Nic Lewis, Climate Audit, Jul 30, 2014

<http://climateaudit.org/2014/07/30/paper-justifying-ar4s-use-of-a-uniform-prior-for-estimating-climate-sensitivity-shown-to-be-faulty/>

*[SEPP Comment: Technical issue on proper application of statistical techniques.]*

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

##### **Obama to attend UN climate summit in NY**

By Laura Barron-Lopez, The Hill, Jul 24, 2014

<http://thehill.com/policy/energy-environment/213207-report-obama-to-attend-un-climate-summit-in-ny>

#### **Biofuels benefit energy security, Secretary Moniz says**

By Daniel J. Graeber, Washington (UPI), Jul 18, 2013

[http://www.biofueldaily.com/reports/Biofuels\\_benefit\\_energy\\_security\\_Secretary\\_Moniz\\_says\\_99.html](http://www.biofueldaily.com/reports/Biofuels_benefit_energy_security_Secretary_Moniz_says_99.html)

*[SEPP Comment: Is the Secretary of Energy oblivious of the shale oil and gas revolution?]*

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

## **Reflections on the State of Climate Science**

By Anthony Sadar, American Thinker, Jul 24, 2014

[http://www.americanthinker.com/2014/07/reflections\\_on\\_the\\_state\\_of\\_climate\\_science.html](http://www.americanthinker.com/2014/07/reflections_on_the_state_of_climate_science.html)

## **2014: A Record Year**

By David Whitehouse, GWPF, Jul 29, 2014

<http://www.thegwgf.org/2014-a-record-year/>

## **Bamboozled Billionaires**

By Norman Rogers, American Thinker, Jul 21, 2014

[http://www.americanthinker.com/2014/07/bamboozled\\_billionaires.html](http://www.americanthinker.com/2014/07/bamboozled_billionaires.html)

## **A Modest Sceptic Boasts...and Frets**

By Alan Moran, Quadrant, Aug 1, 2014

<http://quadrant.org.au/opinion/doomed-planet/2014/08/modest-sceptic-boasts-frets/>

Now that climate careerists and hysterics are in retreat, their costly legacy remains a huge burden

## **Leading German Alarmist Scientist Mojib Latif Turns Cool: “Climate Sensitivity Is Too High”!**

Geomar scientist dares to go public, criticizes publication censorship: criticism of IPCC models unwanted!

By Sebastian Lüning and Fritz Vahrenholt, Trans. P Gosselin, No Tricks Zone, Jul 28, 2014

<http://notrickszone.com/2014/07/28/leading-german-alarmist-scientist-mojib-latif-turns-cool-climate-sensitivity-is-too-high/>

## **German Meteorologist Dominik Jung: Climate Experts’ Forecasts Changing As Fast As The Weather!**

By P Gosselin, No Tricks Zone, Jul 30, 2014

<http://notrickszone.com/2014/07/30/german-meteorologist-dominik-jung-climate-experts-forecasts-changing-as-fast-as-the-weather/>

## **Half the world is immune to “expert consensus” they don’t think scientists know what they are talking about**

By Jo Nova, Her Blog, Jul 26, 2014

<http://joannenova.com.au/2014/07/half-the-world-is-immune-to-expert-consensus-they-dont-think-scientists-know-what-they-are-talking-about/#more-37349>

## **Paul Ryan Says 'Climate Change Occurs No Matter What'**

By Igor Bobic, The Huff Post, Jul 31, 2014 [H/t Conrad Potemra]

[http://www.huffingtonpost.com/2014/07/30/paul-ryan-climate-change\\_n\\_5635058.html?ncid=txtlnkusaolp00000592](http://www.huffingtonpost.com/2014/07/30/paul-ryan-climate-change_n_5635058.html?ncid=txtlnkusaolp00000592)

## **Premature Climate Alarmism in Austin**

By Sierra Rayne, American Thinker, Jul 27, 2014 [H/t Timothy Wise]

[http://www.americanthinker.com/blog/2014/07/premature\\_climate\\_alarmism\\_in\\_austin.html](http://www.americanthinker.com/blog/2014/07/premature_climate_alarmism_in_austin.html)

*[SEPP Comment: Climate War Profiteers?]*

## **Who’s really waging the ‘war on science’?**

By Paul Driessen, WUWT, Jul 28, 2014

<http://wattsupwiththat.com/2014/07/28/whos-really-waging-the-war-on-science/>

**Up to 20% of collared polar bears located on ice that officially does not exist, says the PBSG**

By Susan Crockford, Polar Bear Science, Jul 31, 2014

<http://polarbearscience.com/2014/07/31/up-to-20-of-collared-polar-bears-located-on-ice-that-officially-does-not-exist-says-the-pbsg/>

***Social Benefits of Carbon***

**Effects of Elevated CO<sub>2</sub> on the Stomatal Conductance of Agricultural Crops**

By Staff Writers, CO<sub>2</sub>Science & SPPI, Jul 30, 2014

[http://scienceandpublicpolicy.org/originals/effects\\_of\\_elevated\\_co2\\_on\\_the\\_stomatal\\_conductance\\_of\\_agricultural\\_crops.html](http://scienceandpublicpolicy.org/originals/effects_of_elevated_co2_on_the_stomatal_conductance_of_agricultural_crops.html)

**Another benefit of global warming – increased forage plants**

By Anthony Watts, WUWT, Jul 24, 2014

<http://wattsupwiththat.com/2014/07/24/another-benefit-of-global-warming-increased-forage-plants/>

[SEPP Comment: Also increased CO<sub>2</sub>]

***Problems in the Orthodoxy***

**Climate's parliamentary cheerleaders**

By Andrew Montford, Bishop Hill, Jul 29, 2014

<http://bishophill.squarespace.com/blog/2014/7/29/climates-parliamentary-cheerleaders.html>

[SEPP Comment: The dissent is a good summary of the problems.]

**MPs bicker over IPCC report on causes of climate change**

By Matt McGrath, BBC, Jul 29, 2014 [H/t GWPF]

<http://www.bbc.com/news/science-environment-28531091>

[SEPP Comment: Non-science from the Energy and Climate Change Committee: glossing over so-called small errors in the 2007 report! The Himalayan Glaciers will melt by 2035 is a small error?]

**Politicizing the IPCC report**

By Judith Curry, Climate Etc. Jul 29, 2014

<http://judithcurry.com/2014/07/29/politicizing-the-ipcc-report/>

**Energy and Climate Change Committee report on IPCC AR5**

By Paul Matthews, The IPCC Report, Jul 29, 2014

<https://ipccreport.wordpress.com/2014/07/29/energy-and-climate-change-committee-report-on-ipcc-ar5/>

[SEPP Comment: One of the supporters has a Master's degree in creative writing – appropriate for the IPCC Summary for Policymakers.]

[http://www.theregister.co.uk/2014/07/29/just\\_two\\_climate\\_committee\\_mps\\_clash\\_with\\_ipcc\\_the\\_two\\_with\\_science\\_degrees/](http://www.theregister.co.uk/2014/07/29/just_two_climate_committee_mps_clash_with_ipcc_the_two_with_science_degrees/)

**India pitches for early ratification of second commitment period of Kyoto Protocol**

By Vishwa Mohan, The Times of India, Jul 25, 2014 [H/t GWPF]

<http://timesofindia.indiatimes.com/Home/Environment/Global-Warming/India-pitches-for-early-ratification-of-second-commitment-period-of-Kyoto-Protocol/articleshow/39000989.cms>

[SEPP Comment: Legally binding on rich countries and voluntary on developing countries?]

### **UK slashes climate change diplomacy budget**

Foreign office cut climate diplomacy budget by 39%, ahead of crucial summit for climate deal in Paris, RTCC reports

By Megan Darby Guardian, UK, Aug 1, 2014

<http://www.theguardian.com/environment/2014/aug/01/uk-slashes-climate-change-diplomacy-budget>

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

#### **Lomborg's Senate testimony**

By Judith Curry, Climate Etc. Jul 30, 2014

<http://judithcurry.com/2014/07/30/lomborgs-senate-testimony/#more-16427>

Link to Hearing: Examining the Threats Posed by Climate Change.

[http://www.epw.senate.gov/public/index.cfm?FuseAction=Hearings.Testimony&Hearing\\_ID=ebcd8f70-cc3f-978d-c157-58c503716d6f&Witness\\_ID=aa6bae10-21c3-4867-a761-0462a53b8b25](http://www.epw.senate.gov/public/index.cfm?FuseAction=Hearings.Testimony&Hearing_ID=ebcd8f70-cc3f-978d-c157-58c503716d6f&Witness_ID=aa6bae10-21c3-4867-a761-0462a53b8b25)

Because there is no good, cheap green energy, the almost universal political choices have been expensive policies that do little.

#### **Montgomery's Senate testimony: economics of climate adaptation**

By Judith Curry, Climate Etc. Aug 1, 2014

<http://judithcurry.com/2014/08/01/montgomerys-senate-testimony-economics-of-climate-adaptation/#more-16438>

[SEPP Comment: Counters to the demand for immediate action.]

#### **Pentagon's war against climate change**

By Judith Curry, Climate Etc. Jul 20, 2014

<http://judithcurry.com/2014/07/20/pentagons-war-against-climate-change/>

### ***Review of Recent Scientific Articles by NIPCC***

***For a full list of articles see [www.NIPCCreport.org](http://www.NIPCCreport.org)***

#### **A Global Fire History of the Past Century**

Reference: Yang, J., Tian, H., Tao, B., Ren, W., Kush, J., Liu, Y. and Wang, Y. 2014. Spatial and temporal patterns of global burned area in response to anthropogenic and environmental factors: Reconstructing global fire history for the 20th and early 21st centuries. *Journal of Geophysical Research: Biogeosciences* 119: 249-263.

<http://nipccreport.org/articles/2014/jul/22jul2014a1.html>

#### **High Temperature Stress vs. High CO2 Relief in Kentucky Bluegrass**

Reference: Song, Y., Yu, J. and Huang, B. 2014. Elevated CO2-mitigation of high temperature stress associated with maintenance of positive carbon balance and carbohydrate accumulation in Kentucky bluegrass. *PLOS ONE* 9: e89725.

<http://nipccreport.org/articles/2014/jul/22jul2014a2.html>

#### **The Medieval Warm Period in the Alpine Regions of Europe**

Reference: Kress, A., Hangartner, S., Bugmann, H., Buntgen, U., Frank, D.C., Leuenberger, M., Siegwolf, R.T.W. and Saurer, M. 2014. Swiss tree rings reveal warm and wet summers during medieval times. *Geophysical Research Letters* 41: 1732-1737.

<http://nipccreport.org/articles/2014/jul/22jul2014a3.html>

### **Climate-Change-Induced Flooding**

Reference: Kundzewicz, Z.W., Kanae, S., Seneviratne, S.I., Handmer, J., Nicholls, N., Peduzzi, P., Mechler, R., Bouwer, L.M., Arnell, N., Mach, K., Muir-Wood, R., Brakenridge, G.R., Kron, W., Benito, G., Honda, Y., Takahashi, K. and Sherstyukov, B. 2013. Flood risk and climate change: global and regional perspectives. *Hydrological Sciences Journal*: 10.1080/02626667.2013.857411.

<http://nipccreport.org/articles/2014/jul/29jul2014a2.html>

In closing, Kundzewicz et al. write that "the climate change issue is very important to flooding, but we have low confidence about the science,"

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

#### **New Paper by McKittrick and Vogelsang comparing models and observations in the tropical troposphere**

By Ross McKittrick, Climate Audit, Jul 24, 2014 [H/t WUWT]

<http://climateaudit.org/2014/07/24/new-paper-by-mckittrick-and-vogelsang-comparing-models-and-observations-in-the-tropical-troposphere/>

[SEPP Comment: *They found a climate shift.*]

#### **Claim: natural variation ‘masked’ global warming, creating ‘the pause’**

By Anthony Watts, WUWT, Jul 21, 2014

<http://wattsupwiththat.com/2014/07/21/claim-natural-variation-masked-global-warming-creating-the-pause/>

#### **Divergence Between Model Temperature And Reality Reaches Record High...And Is Now Accelerating!**

By P Gosselin, No Tricks Zone, Aug 1, 2014

<http://notrickszone.com/2014/08/01/divergence-between-model-temperature-and-reality-reaches-record-high-and-is-now-accelerating/>

[SEPP Comment: *Amusing new type of alarmist headline.*]

### ***Model Issues***

#### **Broken models predict extreme cold snaps. (CO2 causes every sort of weather.)**

By Jo Nova, Her Blog, Aug 1, 2014

<http://joannenova.com.au/2014/08/broken-models-predict-extreme-cold-snaps-co2-does-everything/>

Link to paper: Asymmetry of projected increases in extreme temperature distributions

By Evan Kodra & Auroop R. Ganguly, Nature, Jul 30, 2014

<http://www.nature.com/srep/2014/140730/srep05884/full/srep05884.html>

#### **New paper finds climate models unable to simulate the Holocene Climate Optimum & subsequent cooling**

By Staff Writer, The Hockey Schtick, Jul 23, 2014

<http://hockeyschtick.blogspot.co.uk/2014/07/new-paper-finds-climate-models-unable.html>

Link to paper: Global climate simulations at 3000 year intervals for the last 21 000 years with the GENMOM coupled atmosphere–ocean model

By Alder & Hostetler, Climate of the Past, No date

<http://www.clim-past-discuss.net/10/2925/2014/cpd-10-2925-2014.html>

[SEPP Comment: *No surprise here. The IPCC does not even consider it.*]

## **New paper shows why climate models don't realistically simulate precipitation & convection**

By Staff Writer, The Hockey Schtick, Aug 1, 2014

<http://hockeyschtick.blogspot.com/2014/08/new-paper-shows-why-climate-models-dont.html>

Link to paper: Benefit of convection permitting climate model simulations in the representation of convective precipitation

By G. Fosser, S. Khodayar, P. Berg, Climate Dynamics, Aug 2, 2014

<http://link.springer.com/article/10.1007%2Fs00382-014-2242-1>

## ***Measurement Issues***

### **Should you trust NOAA claims about May and June records?**

By Joseph D'Aleo, ICECAP, Jul 22, 2014

[http://icecap.us/index.php/go/political-climate/should\\_you\\_trust\\_noaa\\_claims\\_about\\_may\\_and\\_june\\_records2/](http://icecap.us/index.php/go/political-climate/should_you_trust_noaa_claims_about_may_and_june_records2/)

*[SEPP Comment: NOAA appears to be in a program to undermine the public's trust in its science.]*

### **Analysis of Temperature Change using World Class Stations**

By Ron Clutz, WUWT, Jul 28, 2014

<http://wattsupwiththat.com/2014/07/28/analysis-of-temperature-change-using-world-class-stations/>

## ***Changing Weather***

### **Weather Causes 2,000 Deaths a Year in U.S.**

By Mike Stobbe, Sci-Tech Today, Jul 31, 2014

[http://www.sci-tech-today.com/story.xhtml?story\\_id=0010000RFY29](http://www.sci-tech-today.com/story.xhtml?story_id=0010000RFY29)

### **A New Paper on Disaster Losses and Climate Change**

By Roger Pielke Jr, His Blog, Jul 22, 2014

<http://rogerpielkejr.blogspot.com/2014/07/a-new-paper-on-disaster-losses-and.html>

### **Extremes Of Temperature Decreasing In The US**

By Paul Homewood, WUWT, Jul 31, 2014

<http://wattsupwiththat.com/2014/07/31/extremes-of-temperature-decreasing-in-the-us/>

### **Record Canada Wildfires Blamed On...**

By Roy Spencer, His Blog, Jul 25, 2014

<http://www.drroyspencer.com/2014/07/record-canada-wildfires-blamed-on/>

### **Quiet Year Expected for Amazon Forest Fires in 2014**

By Kathryn Hansen, Irvine CA (SPX), Jul 28, 2014

[http://www.spacedaily.com/reports/Quiet\\_Year\\_Expected\\_for\\_Amazon\\_Forest\\_Fires\\_in\\_2014\\_999.html](http://www.spacedaily.com/reports/Quiet_Year_Expected_for_Amazon_Forest_Fires_in_2014_999.html)

### **K computer runs largest ever ensemble simulation of global weather**

By Staff Writers, Tokyo, Japan (SPX), Jul 24, 2014

[http://www.terraily.com/reports/K\\_computer\\_runs\\_largest\\_ever\\_ensemble\\_simulation\\_of\\_global\\_weather\\_999.html](http://www.terraily.com/reports/K_computer_runs_largest_ever_ensemble_simulation_of_global_weather_999.html)

*[SEPP Comment: Bigger, faster, stronger – but better?]*

## **Famine In The Horn of Africa (1984) Was Caused By El Niño And Indian Ocean Currents**

By Staff Writers, GWPF, Jul 30, 2014

<http://www.thegwpf.org/famine-in-the-horn-of-africa-1984-was-caused-by-el-nino-and-indian-ocean-currents/>

Link to paper: Droughts related to quasi-global oscillations: a diagnostic teleconnection analysis in North Ethiopia

By Lanckriet, et al. International Journal of Climatology, Jun 19, 2014

<http://onlinelibrary.wiley.com/doi/10.1002/joc.4074/abstract>

## ***Changing Climate***

### **Australian Tropical Cyclone activity said to be at the lowest level in modern history**

By Anthony Watts, WUWT, Jul 31, 2014

<http://wattsupwiththat.com/2014/07/31/australian-tropical-cyclone-activity-measured-to-be-at-the-lowest-levels-in-modern-history/>

*[SEPP Comment: Since 500AD in Western Australia and 1400AD in Queensland, and the decline has been most pronounced since about 1960AD.]*

## ***Changing Seas***

### **Are the Oceans Warming?**

By Steven Hayward, Power Line, Jul 23, 2014

<http://www.powerlineblog.com/archives/2014/07/are-the-oceans-warming.php>

Abstract of paper: Bidecadal Thermal Changes in the Abyssal Ocean

By Carl Wunsch and Patrick Heimbach, Journal of Physical Oceanography, 2014

<http://journals.ametsoc.org/doi/abs/10.1175/JPO-D-13-096.1>

Full manuscript of paper: ECCO - Estimating the Circulation and Climate of the Ocean

<http://ocean.mit.edu/~cwunsch/#C.%20Wunsch%20and%20P.%20Heimbach,%202014,%20Bidecadal%20thermal%20change%20in%20the%20abyssal%20ocean,%20in%20press,%20J.%20Phys.%20Oc.,%20%28pdf%29>

### **Deep Oceans Are Cooling Amidst A Sea of Modeling Uncertainty: New Research on Ocean Heat Content**

By Jim Steele, WUWT, Jul 21, 2014

<http://wattsupwiththat.com/2014/07/21/deep-oceans-are-cooling-amidst-a-sea-of-modeling-uncertainty-new-research-on-ocean-heat-content/>

### **Are the deep oceans cooling?**

By Judith Curry, Climate Etc. Jul 22, 2014

<http://judithcurry.com/2014/07/22/are-the-deep-oceans-cooling/>

### **Response of Various Marine Animals to Ocean Warming**

By Staff Writers, CO2Science and SPPI, Jul 24, 2014

[http://scienceandpublicpolicy.org/originals/response\\_of\\_various\\_marine\\_animals\\_to\\_ocean\\_warming.html](http://scienceandpublicpolicy.org/originals/response_of_various_marine_animals_to_ocean_warming.html)

### **Atlantic salmon also show capacity to adapt to warmer waters**

By Staff Writers, Vancouver, Canada (SPX) Jul 21, 2014

[http://www.terraily.com/reports/Atlantic\\_salmon\\_also\\_show\\_capacity\\_to\\_adapt\\_to\\_warmer\\_waters\\_999.html](http://www.terraily.com/reports/Atlantic_salmon_also_show_capacity_to_adapt_to_warmer_waters_999.html)

## **Mixing it up: Study provides new insight into Southern Ocean behaviour**

By Staff Writers, Southampton, UK (SPX), Jul 21, 2014

[http://www.terraily.com/reports/Mixing\\_it\\_up\\_Study\\_provides\\_new\\_insight\\_into\\_Southern\\_Ocean\\_behaviour\\_999.html](http://www.terraily.com/reports/Mixing_it_up_Study_provides_new_insight_into_Southern_Ocean_behaviour_999.html)

*[SEPP Comment: Covered in the July 19 TWTW. This report does not mention that the horizontal mixing was found to be unexpectedly stronger and the vertical mixing weaker.]*

## **Remember the threat of flooded atolls and climate refugees due to sea level rise? Never mind.**

By Christopher Pala, WUWT, Jul 31, 2014

<http://wattsupwiththat.com/2014/07/31/remember-the-threat-of-flooded-atolls-and-climate-refugees-due-to-sea-level-rise-never-mind/>

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

### **Of mountains, molehills, and noisy bumps in the sea-ice record**

Molehill of Antarctic Ice Becomes a Mountain

By Patrick J. Michaels and Paul C. “Chip” Knappenberger, WUWT, Jul 22, 2014

<http://wattsupwiththat.com/2014/07/22/of-mountains-molehills-and-noisy-bumps-in-the-sea-ice-record/>

## ***Changing Earth***

### **Did Australian monster volcanoes cause the mass extinction 510m years ago?**

By Jo Nova, Her Blog, Jul 30, 2014

<http://joannenova.com.au/2014/07/did-australian-monster-volcanoes-cause-the-mass-extinction-510m-years-ago/#more-35773>

## ***Acidic Waters***

### **Alaska fisheries and communities at risk from ocean acidification**

By Staff Writers, Washington DC (SPX), Jul 31, 2014

[http://www.terraily.com/reports/Alaska\\_fisheries\\_and\\_communities\\_at\\_risk\\_from\\_ocean\\_acidification\\_999.html](http://www.terraily.com/reports/Alaska_fisheries_and_communities_at_risk_from_ocean_acidification_999.html)

*[SEPP Comment: No discussion of measurements – unable to find link to study.]*

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

### **Climate change and air pollution will combine to curb food supplies**

Press Release, MIT, Jul 27, 2014 [H/t Toshio Fujita]

<http://www.sciencedaily.com/releases/2014/07/140727165702.htm>

Link to paper: Threat to future global food security from climate change and ozone air pollution

By Amos P. K. Tai, Maria Val Martin & Colette L. Heald, Nature Climate Change

<http://www.nature.com/nclimate/journal/vaop/ncurrent/full/nclimate2317.html>

*[SEPP Comment: As with most government-funded climate science, ignores the benefits of increased CO2.]*

## **Climate experts estimate risk of rapid crop slowdown**

By Staff Writers, Boulder CO (SPX), Jul 29, 2014

[http://www.seeddaily.com/reports/Climate\\_experts\\_estimate\\_risk\\_of\\_rapid\\_crop\\_slowdown\\_999.html](http://www.seeddaily.com/reports/Climate_experts_estimate_risk_of_rapid_crop_slowdown_999.html)

*[SEPP Comment: Another government-funded study ignoring the benefits of increased CO2.]*

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

#### **CO<sub>2</sub>, destroyer of entire continents at the touch of a knob**

By Anthony Watts, WUWT, Jul 30, 2014

<http://wattsupwiththat.com/2014/07/30/co2-destroyer-of-entire-continents-at-the-touch-of-a-knob/>

Link to paper: Antarctic glaciation caused ocean circulation changes at the Eocene–Oligocene transition

By Goldner, Herold, & Huber, Nature, Jul 30, 2014

<http://www.nature.com/nature/journal/v511/n7511/full/nature13597.html>

#### **Scientists Reveal What Has Caused the Global Warming 'Pause' Since 1998**

By Catherine Griffin, Science World Report, Jul 22, 2014 [H/t John McClaughry]

<http://www.scienceworldreport.com/articles/16175/20140722/scientists-reveal-what-caused-global-warming-pause-1998.htm>

Link to paper: Return periods of global climate fluctuations and the pause

By S. Lovejoy, Geophysical Research Letter, Jul 14, 2014

<http://onlinelibrary.wiley.com/doi/10.1002/2014GL060478/abstract>

[SEPP Comment: More un-science. Natural variability can stop global warming but not cause it?]

#### **Synchronization of North Atlantic, North Pacific preceded warming, end of ice age**

Press Release by Staff Writers, Oregon State Univ, July 14, 2014 [H/t Toshio Fujita]

<http://www.sciencedaily.com/releases/2014/07/140724141612.htm>

Link to paper: Synchronization of North Pacific and Greenland climates preceded abrupt deglacial warming

By Summer K. Praetorius, Alan C. Mix, Science, Jul 25, 2014

<http://www.sciencemag.org/content/345/6195/444>

### ***Lowering Standards***

#### **White House starts push for carbon rules**

By Laura Barron-Lopez, The Hill, Jul 28, 2014

<http://thehill.com/business-a-lobbying/business-a-lobbying/213577-wh-starts-push-for-carbon-rules>

Link to report: The Cost of Delaying Action to Stem Climate Change

By Staff Writers, Council of Economic Advisers, The White House, July, 2014

[http://www.whitehouse.gov/sites/default/files/docs/the\\_cost\\_of\\_delaying\\_action\\_to\\_stem\\_climate\\_change.pdf](http://www.whitehouse.gov/sites/default/files/docs/the_cost_of_delaying_action_to_stem_climate_change.pdf)

#### **Obama Administration Issues Predictable Climate Report**

Editorial, IBD, Jul 29, 2014

<http://news.investors.com/ibd-editorials/072914-710855-white-house-report-stokes-global-warming-climate-change-fear.htm?p=full>

#### **Costing Climate: It is all Relative**

By Roger Pielke, Jr. His Blog, Jul 29, 2014

<http://rogerpielkejr.blogspot.com/2014/07/costing-climate-it-is-all-relative.html>

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

**A brief history of climate panic and crisis... both warming and cooling**

By Anthony Watts, WUWT, Jul 29, 2014

<http://wattsupwiththat.com/2014/07/29/a-brief-history-of-climate-panic-and-crisis-both-warming-and-cooling/>

### **Climate: 'An excuse for tax hikes', scientists 'don't know what they're talking about'**

People of the world's responses to new survey

By Lewis Page, The Register, Jul 23, 2014

[http://www.theregister.co.uk/2014/07/23/climate\\_an\\_excuse\\_for\\_new\\_taxes\\_scientists\\_dont\\_know\\_what\\_theyre\\_talking\\_about/](http://www.theregister.co.uk/2014/07/23/climate_an_excuse_for_new_taxes_scientists_dont_know_what_theyre_talking_about/)

*[SEPP Comment: Will this survey be cited by certain US Senators – or the White House?]*

### **Sea ice experts make astonishing admissions to polar bear specialists**

By Susan Crockford, Polar Bear Science, Jul 29, 2014

<http://polarbearscience.com/2014/07/29/sea-ice-experts-make-astonishing-admissions-to-polar-bear-specialists/#more-5600>

“We do, in fact, have data on the lowest extent of sea ice reached during the Eemian and that’s what really matters: ~115,000-130,000 years ago, the Arctic was virtually ice-free in summer and there was no ice in the Bering Sea in winter. And yet, polar bears survived without getting anywhere close to extinction.”

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

#### **Updated list of 29 excuses for the 18 year 'pause' in global warming**

By Staff Writer, The Hockey Schtick, Jul 28, 2014

<http://hockeyschtick.blogspot.com/2014/07/updated-list-of-29-excuses-for-18-year.html>

### **Lewandowsky and Oreskes Are Co-Authors of a Paper about ENSO, Climate Models and Sea Surface Temperature Trends (Go Figure!)**

By Bob Tisdale, WUWT, Jul 20, 2014

<http://wattsupwiththat.com/2014/07/20/lewandowsky-and-oreskes-are-co-authors-of-a-paper-about-enso-climate-models-and-sea-surface-temperature-trends-go-figure/>

Link to paper: Well-estimated global surface warming in climate projections selected for ENSO phase

By Risbey, et al, Nature Climate Change, Jul 20, 2014

<http://www.nature.com/nclimate/journal/vaop/ncurrent/full/nclimate2310.html>

“Richard M says: ‘One could use exactly the same logic and pick the 4 worst models for each 15 year period and claim that climate [sic] models are never right...’”

### **“Well-Estimated Global Surface Warming”**

By David Whitehouse, GWPF, Jul 23, 2014

<http://www.thegwpf.org/well-estimated-global-surface-warming/>

### **Antarctica’s Point of No Return**

By Anders Levermann, Project Syndicate, Jul 24, 2014

<http://www.project-syndicate.org/commentary/anders-levermann-explains-why-nothing-can-be-done-to-halt-the-collapse-of-the-amundsen-sea-s-ice-shelf>

Anders Levermann is a climate scientist at the Potsdam Institute for Climate Impact Research, and Professor of the Dynamics of the Climate System at the Institute for Physics and Astrophysics, Potsdam University, Germany.

### **Climate change ravaging Antarctic fur seals: study**

By Staff Writers, Paris (AFP), July 23, 2014

[http://www.terraviva.com/reports/Climate\\_change\\_ravaging\\_Antarctic\\_fur\\_seals\\_study\\_999.html](http://www.terraviva.com/reports/Climate_change_ravaging_Antarctic_fur_seals_study_999.html)

[SEPP Comment: A decline in Antarctic sea ice?]

### **How should global warming be taught?**

By Craig Rucker and Duggan Flanakin, CFACT, Jul 22, 2014

[http://www.cfact.org/2014/07/22/how-should-global-warming-be-taught/?utm\\_source=CFACT+Updates&utm\\_campaign=6d60297076-What\\_should\\_we\\_teach\\_kids\\_about\\_climate\\_7\\_25\\_2014&utm\\_medium=email&utm\\_term=0\\_a28eadeb56-6d60297076-270066341](http://www.cfact.org/2014/07/22/how-should-global-warming-be-taught/?utm_source=CFACT+Updates&utm_campaign=6d60297076-What_should_we_teach_kids_about_climate_7_25_2014&utm_medium=email&utm_term=0_a28eadeb56-6d60297076-270066341)

### **NOAA Thinks No Trend In Global Temperatures for Two Decades is a Steady Increase?**

By Sierra Rayne, American Thinker, Jul 19, 2014

[http://www.americanthinker.com/blog/2014/07/noaa\\_thinks\\_no\\_trend\\_in\\_global\\_temperatures\\_for\\_two\\_decades\\_is\\_a\\_steady\\_increase.html](http://www.americanthinker.com/blog/2014/07/noaa_thinks_no_trend_in_global_temperatures_for_two_decades_is_a_steady_increase.html)

### **Polar bears and melting ice: three facts that shouldn't surprise you**

By Susan Crockford, Polar Bear Science, Jul 20, 2014

<http://polarbearscience.com/2014/07/20/polar-bears-and-melting-ice-three-facts-that-shouldnt-surprise-you/>

### **Quotable Warming Hiatus Quotes**

By Geoff Brown, CSP, Jul 29, 2014

<http://theclimatescepticsparty.blogspot.com.au/2014/07/quotable-warming-hiatus-quotes.html>

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

#### **Burn the Witch! Roger Pielke Jr. Out at FiveThirtyEight**

By Charles C. W. Cooke, National Review, Jul 29, 2014 [H/t GWPF]

<http://www.nationalreview.com/corner/384057/burn-witch-roger-pielke-jr-out-fivethirtyeight-charles-c-w-cooke>

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

#### **Global governancers' get-together**

By Andrew Montford, Bishop Hill, Jul 23, 2014

<http://bishophill.squarespace.com/blog/2014/7/23/global-governancers-get-together.html>

[SEPP Comment: Those who produce little wish to control all produced by others.]

### **Venezuela climate summit calls for end to “green economy”**

UN-backed event ends with unusual call from civil society groups to end capitalism

By Sophie Yeo, RTCC, Jul 23, 2014 [H/t GWPF]

<http://www.rtcc.org/2014/07/22/venezuela-climate-summit-calls-for-end-to-green-economy/>

### **IMF Plan To Raise Taxes On Fossil Fuels Has It Backward**

Editorial, IBD, Aug 1, 2014

<http://news.investors.com/ibd-editorials/080114-711570-raising-energy-taxes-will-not-improve-environment.htm>

Link to report: Getting Energy Prices Right : From Principle to Practice

By Ian Parry, Dirk Heine, Eliza Lis, Shanjun Li, IMF, July 2014

<http://www.elibrary.imf.org/view/IMF071/21171-9781484388570/21171-9781484388570/21171-9781484388570.xml>

### **Sue And Settle Another Way For Greens To Halt Progress**

By Stephen Moore, IBD, Jul 21, 2014

<http://news.investors.com/ibd-editorials-viewpoint/072114-709679-litigation-strategy-compels-victims-to-give-up-prime-land.htm?p=full>

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

#### **Renewable energy is not working**

Too much cost, not enough output or too little emissions reduction

By Matt Ridley, Rational Optimist, Jul 31, 2014

<http://www.rationaloptimist.com/blog/renewable-energy-is-not-working.aspx>

#### **A hint of panic**

By Andrew Montford, Bishop Hill, Jul 29, 2014

<http://bishophill.squarespace.com/blog/2014/7/29/a-hint-of-panic.html>

*[SEPP Comment: Is grid stability becoming an issue with heavy dependence on unreliable wind?]*

### **Tol/Lomborg Becoming Powerful Voices Of Reason On Climate Policy In German Media: “1 Euro Costs...3 Cents Benefit”**

By P Gosselin, No Tricks Zone, Jul 25, 2014

<http://notrickszone.com/2014/07/25/tollomborg-becoming-powerful-voices-of-reason-on-climate-policy-in-german-media-1-euro-costs-3-cents-benefit/>

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

#### **A Future without Electricity**

That’s what radical Greens want — and President Obama’s policies are moving us toward.

By Stephen Moore, National Review, Jul 18, 2014 [H/t Timothy Wise]

<http://www.nationalreview.com/article/383055/future-without-electricity-stephen-moore>

### **Let’s copy California and have less jobs, less money, less energy. Feel that Green Glory!**

By Jo Nova, Her Blog, Jul 30, 2014

<http://joannenova.com.au/2014/07/lets-copy-california-and-have-less-jobs-less-money-less-energy-feel-that-green-glory/>

### ***Green Jobs***

#### **Britain’s Bursting Green Jobs Bubble**

By Walter Russell Mead & Staff, American Interest, Jul 20, 2014 [H/t GWPF]

<http://www.the-american-interest.com/blog/2014/07/20/britains-bursting-green-jobs-bubble/>

“Promoting green jobs isn’t just an American phenomenon, it’s a global pastime.”

#### **Germany's SMA Solar cuts jobs after profit warning**

By Christoph Steiz Reuters, Jul 30, 2014 [H/t GWPF]

<http://uk.reuters.com/article/2014/07/30/uk-sma-solar-warning-idUKKBN0FZ1A720140730>

*[SEPP Comment: Once the subsidies stop, blame the competition.]*

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

## **China Plans to Construct Huge Methanol Plant in Shale Gas-Rich Texas to Meet Rising Domestic Demand**

By Jerin Mathew, International Business News, Jul 25, 2014 [H/t GWPF]

<http://www.ibtimes.co.uk/china-plans-construct-huge-methanol-plant-shale-gas-rich-texas-meet-rising-domestic-demand-1458225>

### ***Funding Issues***

#### **GOP: Green movement backed by 'Billionaire's Club'**

By Timothy Cama, The Hill, Jul 30, 2014

<http://thehill.com/policy/energy-environment/213803-gop-green-movement-backed-by-cabal-of-billionaires-foreign-funding>

Link to report: The Chain of Environmental Command: How a Club of Billionaires and Their Foundations Control the Environmental Movement and Obama's EPA

By the Minority Staff, US Senate Committee on Environment and Public Works, July 30, 2014

[http://www.epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore\\_id=8af3d005-1337-4bc3-bcd6-be947c523439](http://www.epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore_id=8af3d005-1337-4bc3-bcd6-be947c523439)

#### **The 'Billionaire's Club' Behind the Green Movement**

Report: Groups involved in backing green candidates and legislation may have violated tax laws, Senate Republicans claim

By Lachian Markay, Washington Free Beacon, Jul 30, 2014 [H/t Timothy Wise]

<http://freebeacon.com/issues/the-billionaires-club-behind-the-green-movement/>

#### **BREAKING: Senate report exposes the climate-environmental movement as being a cash machine controlling the EPA**

By Anthony Watts, WUWT, Jul 30, 2014

<http://wattsupwiththat.com/2014/07/30/breaking-senate-report-exposes-the-climate-environmental-movement-as-being-a-cash-machine-controlling-the-epa/>

#### **BREAKING: Senate Committee Report Details Environmentalists' Inner Workings**

By Chris Prandoni, Forbes, Jul 30, 2014

<http://www.forbes.com/sites/chrisprandoni/2014/07/30/breaking-senate-committee-report-details-environmentalists-inner-workings/>

#### **BRICS plans energy association in wake of new bank**

By Staff Writers, WNN, Jul 21, 2014

<http://www.world-nuclear-news.org/NP-brics-states-plan-energy-association-in-wake-of-new-bank-21071401.html>

*[SEPP Comment: Who needs the World (Green) Bank?]*

#### **Government Paying \$140,368 to Take 10 Students on a 'Climate Change Journey'**

National Park Service flying youth to Sydney, Australia for global conference

By Elizabeth Harrington, Washington Free beacon, Jul 28, 2014 [H/t Timothy Wise]

<http://freebeacon.com/issues/government-paying-140368-to-take-10-students-on-a-climate-change-journey/>

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

#### **Australian Carbon-Tax Cut Cripples Cap-And-Traders Across Planet**

By Michael Bastasch, Daily Caller, Jul 21, 2014

<http://dailycaller.com/2014/07/21/aussie-carbon-tax-repeal-discourages-cap-and-traders-across-the-planet/>

### **Australia Repeals Carbon Tax In Smart Policy Change**

Editorial, IBD, Jul 18, 2014 [H/t Timothy Wise]

<http://news.investors.com/ibd-editorials/071814-709543-abbott-repeals-australia-carbon-tax.htm>

### **Australia Nixes Carbon Tax**

By Larry Bell, Newsmax, Jul 21, 2014

<http://www.newsmax.com/LarryBell/Climate-Change/2014/07/21/id/583888/>

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

#### **Britain's fossil fuel subsidies: Soon it won't just be renewables we're propping up**

By Benny Peiser and Daniel Mahoney, City A.M. Aug 2, 2014 [H/t GWPF]

<http://www.cityam.com/1406831594/britain-s-fossil-fuel-subsidies-why-it-won-t-just-be-renewables-we-re-propping>

*[SEPP Comment: The bulk of the fossil fuel subsidies estimated by the IEA are government-controlled companies selling fossil fuels (gasoline, etc.) below world market price to citizens in the country, mostly wealthy or middle-class. The top five countries are Iran, Saudi Arabia, Russia, India and China. Western countries subsidizing fossil fuel plants to provide needed back-up for unreliable wind and solar underscores irresponsible governmental policies.]*

### **Sun, wind and drain**

Wind and solar power are even more expensive than is commonly thought

By Staff Writers, The Economist, Jul 25, 2014 [H/t GWPF]

<http://www.economist.com/news/finance-and-economics/21608646-wind-and-solar-power-are-even-more-expensive-commonly-thought-sun-wind-and>

The trouble, as Paul Joskow of the Massachusetts Institute of Technology has pointed out, is that levelised costs do not take account of the costs of intermittency.

*[SEPP Comment: Avoided CO2 emissions is not a benefit.]*

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

#### **EPA Admits to Senate that CO2 Regs Not About Pollution Control**

By Roy Spencer, His Blog, Jul 25, 2014

<http://www.drroyspencer.com/2014/07/epa-admits-to-senate-that-co2-regs-not-about-pollution-control/>

### **EPA Chief: 'This Is Not About Pollution Control...It's an Investment Strategy'**

By Susan Jones, CNS News.com, Jul 24, 2014

<http://www.cnsnews.com/news/article/susan-jones/epa-chief-not-about-pollution-controlits-investment-strategy>

### **Helping American Communities Hurt Most By Climate Change**

By Gina McCarthy and Nikki Silvestri, IBD, Jul 30, 2014 [H/t Timothy Wise]

<http://news.investors.com/ibd-editorials-on-the-left/073014-711063-poor-minorities-hardest-hit-by-climate-change.htm?p=full>

McCarthy is administrator of the Environmental Protection Agency.

Silvestri is executive director of Green for All.

*[SEPP Comment: By preventing global warming the poor will save on heating bills that spike during a polar vortex?]*

### **EPA to Republicans: You're making it 'very difficult' to do our job**

By Tim Devaney, The Hill, Jul 30, 2014

<http://thehill.com/regulation/213839-epa-to-republicans-youre-making-it-very-difficult-to-do-our-job>

### **Bill targets cost-benefit analysis of climate rule**

By Timothy Cama, The Hill, Jul 30, 2014

<http://thehill.com/policy/energy-environment/213829-bill-targets-cost-benefit-analysis-of-climate-rule>

*[SEPP Comment: Addressing EPA's imaginative accounting.]*

### **A Great Plan to Replace the EPA**

By Alan Caruba, Warning Signs, Jul 23, 2014

<http://factsnotfantasy.blogspot.com/2014/07/a-great-plan-to-replace-epa.html>

### **A Plan to Replace the EPA**

By Staff Writers, NCPA, July 22, 2014

[http://www.ncpa.org/sub/dpd/index.php?Article\\_ID=24654&utm\\_source=newsletter&utm\\_medium=email&utm\\_campaign=DPD](http://www.ncpa.org/sub/dpd/index.php?Article_ID=24654&utm_source=newsletter&utm_medium=email&utm_campaign=DPD)

### **EPA Regulations A Dark, Costly Chapter In Our History**

By Paul Driessen, IBD, Jul 30, 2014

<http://news.investors.com/ibd-editorials-on-the-right/073014-711064-epa-junk-science-costs-jobs-hurts-livelihoods.htm?p=full>

*[SEPP Comment: Not certain if the causes of asthma are correctly identified.]*

### **EPA climate rule economically feasible, study says**

By Laura Barron-Lopez, The Hill, Jul 24, 2014

<http://thehill.com/policy/energy-environment/213254-epa-climate-rule-economically-feasible-study-says>

### **EPA Stops Requiring Greenhouse Gas PSD/Title V Permits**

By Sonal Patel, Power Mag, Jul 29, 2014

[http://www.powermag.com/epa-stops-requiring-greenhouse-gas-psdtitle-v-permits/?hq\\_e=el&hq\\_m=2923506&hq\\_l=23&hq\\_v=5e660500d0](http://www.powermag.com/epa-stops-requiring-greenhouse-gas-psdtitle-v-permits/?hq_e=el&hq_m=2923506&hq_l=23&hq_v=5e660500d0)

*[SEPP Comment: A few major emitters of CO2 are protected from EPA's new regulations.]*

### **EPA Rule Will Result in Closure of 750-MW Coal-Fired Unit**

By Aaron Larson, Power Mag, Jul 29, 2014

[http://www.powermag.com/epa-rule-will-result-in-closure-of-750-mw-coal-fired-unit/?hq\\_e=el&hq\\_m=2923506&hq\\_l=25&hq\\_v=5e660500d0](http://www.powermag.com/epa-rule-will-result-in-closure-of-750-mw-coal-fired-unit/?hq_e=el&hq_m=2923506&hq_l=25&hq_v=5e660500d0)

### **GAO wants EPA to do more on fracking wastewater**

By Timothy Cama, The Hill, Jul 29, 2014

<http://thehill.com/policy/energy-environment/213635-gao-wants-epa-to-do-more-on-fracking-wastewater>

Link to report: EPA Program to Protect Underground Sources from Injection of Fluids Associated with Oil and Gas Production Needs Improvement

By Staff Writers, GAO, Jul 28, 2014

<http://www.gao.gov/products/GAO-14-555>

### ***Energy Issues – Non-US***

#### **The Ups and Downs of German Green Energy**

By Walter Russell Mead & Staff, American Interest, Jul 27, 2014 [H/t GWPF]

<http://www.the-american-interest.com/blog/2014/07/27/the-ups-and-downs-of-german-green-energy/>

#### **China's energy plans 'to add another 13% to current emissions'**

By Staff Writer, Today, Jul 25, 2014 [H/t GWPF]

<http://www.todayonline.com/chinaindia/china/chinas-energy-plans-add-another-13-current-emissions?singlepage=true>

#### **How China became a climate leader**

The world's current largest emitter of carbon dioxide is now leading the way towards a cleaner, greener global economy through heavy investments in renewable energy and strong legislation.

By Nicholas Stern, Eco-business, Jul 29, 2014

[http://www.eco-business.com/opinion/how-china-became-climate-leader/?utm\\_medium=email&utm\\_campaign=July+30+newsletter&utm\\_content=July+30+newsletter+Version+A+CID\\_2aec09f2c46dca3a4b7bdbfa0dac14c&utm\\_source=Campaign%20Monitor&utm\\_term=READ%20FULL%20STORY](http://www.eco-business.com/opinion/how-china-became-climate-leader/?utm_medium=email&utm_campaign=July+30+newsletter&utm_content=July+30+newsletter+Version+A+CID_2aec09f2c46dca3a4b7bdbfa0dac14c&utm_source=Campaign%20Monitor&utm_term=READ%20FULL%20STORY)

In what some might consider a surprising development, China – currently the world's largest emitter of carbon dioxide – is emerging as a global leader in climate policy as it seeks to build a cleaner and more efficient economy... China is already the world's largest oil importer, and energy demand continues to increase rapidly.

*[SEPP Comment: Is Stern suggesting that the West should copy China?]*

#### **German Utilities Bail Out Electric Grid at Wind's Mercy**

By Julia Mengewein, Bloomberg, Jul 25, 2014 [H/t WUWT]

<http://www.bloomberg.com/news/2014-07-24/german-utilities-bail-out-electric-grid-at-wind-mercy.html>

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

#### **Meaningless LCOEs**

By Donn Dears, Power For USA, Jul 22, 2014

<http://dddusmma.wordpress.com/2014/07/22/meaningless-lcoes/>

*[SEPP Comment: These commonly used statistics to compare electricity sources do not consider unreliability of sources such as solar and wind and other major issues.]*

#### **Assessing the Risk of Disaster**

By Donn Dears, Power For USA, Jul 29, 2014

<http://dddusmma.wordpress.com/2014/07/29/assessing-the-risk-of-disaster/>

#### **Coming to Grips With the Sun**

By Donn Dears, Power For USA, Aug 1, 2014

<http://dddusmma.wordpress.com/2014/08/01/coming-to-grips-with-the-sun/>

### **Average Price of Electricity Climbs to All-Time Record**

By Terence Jeffery, CNSnews. July 28 2014 [H/t Timothy Wise]

<http://www.cnsnews.com/news/article/terence-p-jeffrey/average-price-electricity-climbs-all-time-record>

### **Foxx defends oil train regs from environmental, industry critics**

By Keith Laing, The Hill, Jul 24, 2014

<http://thehill.com/policy/transportation/213270-foxx-defends-oil-train-regs-from-environmental-industry-critics>

### **Get Ready for the New England Power Shortage**

Governors are already meeting in emergency session.

By William Tucker, American Spectator, Jul 18, 2014

<http://spectator.org/articles/60007/get-ready-new-england-power-shortage>

*[SEPP Comment: Is importing electricity from hydro-power plants in Canada any more environmental sensitive than importing crude oil from the Canadian oil sands?]*

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

#### **Greens say new developments should sink Keystone**

By Timothy Cama, The Hill, Jul 31, 2014

<http://thehill.com/policy/energy-environment/213943-greens-say-new-developments-should-sink-keystone>

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

#### **Oil boom shows no signs of slowing, economist says**

By Jonathan Smith, Current-Argus, Jul 31, 2014 [H/t GWPF]

[http://www.currentargus.com/carlsbad-news/ci\\_26250179/oil-boom-shows-no-signs-slowing-economist-says](http://www.currentargus.com/carlsbad-news/ci_26250179/oil-boom-shows-no-signs-slowing-economist-says)

### **Another day, another shale gas report**

By James Verdon, Frack-Land, UK, Jul 22, 2014 [H/t Bishop Hill]

<http://frackland.blogspot.co.uk/2014/07/another-day-another-shale-gas-report.html>

*[SEPP Comment: Long, but the graph of air pollution levels for the county in Pennsylvania that has the most drilling activity is effective against drilling opponents.]*

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

#### **Promises of easier nuclear construction fall short**

By Ray Henry, AP, Jul 26, 2014 [H/t Toshio Fujita]

<http://abcnews.go.com/US/wireStory/promises-easier-nuclear-construction-fall-short-24725848>

*[SEPP Comment: These set-backs do not preclude the concept that modular construction can be more efficient. Often, prototypes run into difficulties. The real efficiencies come through repetitive production.]*

### **Entergy opposes Indian Point outage proposal**

By Staff Writers, WNN, Jul 23, 2014

<http://www.world-nuclear-news.org/EE-Entergy-opposes-indian-point-outage-proposal-23071401.html>

## **Report: Nuclear industry's safety measures are 'inadequate'**

By Laura Barron-Lopez, The Hill, Jul 24, 2014

<http://thehill.com/policy/energy-environment/213296-report-nuclear-industrys-safety-measures-are-inadequate>

Link to the report: Lessons Learned from the Fukushima Nuclear Accident for Improving Safety of U.S. Nuclear Plants

By: Committee on Lessons Learned from the Fukushima Nuclear Accident for Improving Safety and Security of U.S. Nuclear Plants; Nuclear and Radiation Studies Board (NRSB); Division on Earth and Life Studies (DELS); National Research Council, National Academies Press, 2014

[http://www.nap.edu/catalog.php?record\\_id=18294](http://www.nap.edu/catalog.php?record_id=18294)

[SEPP Comment: How many died when the cooling pumps failed?]

## ***Alternative, Green ("Clean") Solar and Wind***

### **Capture the Sun & Power America With Solar – Is There a Business Case?**

By Philip Dowd, WUWT, Jul 31, 2014

<http://wattsupwiththat.com/2014/07/31/capture-the-sun-power-america-with-solar-is-there-a-business-case/>

## **Five Fatal Flaws of Solar Energy**

By Viv Forbes, American Thinker, Jul 25, 2014

[http://americanthinker.com/2014/07/five\\_fatal\\_flaws\\_of\\_solar\\_energy.html](http://americanthinker.com/2014/07/five_fatal_flaws_of_solar_energy.html)

[SEPP Comment: Slight error: contrary to the essay, according to its web site, Desertec was developed by a network of politicians, scientists, and economists from around the Mediterranean region, not the US.]

## **Future grows darker for solar energy growth in Japan**

By James Topham and Aaron Sheldrick, Reuters, Jul 29, 2014 [H/t GWPF]

<http://uk.reuters.com/article/2014/07/29/us-japan-solar-idUKKBN0FY2AZ20140729>

## **Renewable Energy Mega-Flop! Germany's Largest Offshore Wind Park Hasn't Delivered Any Power Since March!**

By P Gosselin, No Tricks Zone, Jul 31, 2014

<http://notrickszone.com/2014/07/31/renewable-energy-mega-flop-germanys-largest-offshore-windpark-hasnt-delivered-any-power-since-march/>

## ***Alternative, Green ("Clean") Energy -- Other***

### **Matt Ridley: Another Renewable Myth Goes Up In Smoke**

By Matt Ridley, The Times, Via GWPF, Jul 28, 2014

<http://www.thegwpf.org/matt-ridley-another-renewable-myth-goes-up-in-smoke/>

## ***Alternative, Green ("Clean") Vehicles***

### **The Struggle to Mainstream Electric Vehicles**

By Allen Brooks, Master Resource, Jul 23, 2014

<http://www.masterresource.org/2014/07/struggle-electric-vehicles/#more-31173>

## ***California Dreaming***

California's future energy pipe dream

By Anthony Watts, WUWT, Jul, 24, 2014

<http://wattsupwiththat.com/2014/07/24/californias-future-energy-pipe-dream/>

## **Another Big Solar Project Gets Under Way in California**

By Thomas Overton, Power Mag, Jul 31, 2014

[http://www.powermag.com/another-big-solar-project-gets-under-way-in-california/?hq\\_e=el&hq\\_m=2923506&hq\\_l=27&hq\\_v=5e660500d0](http://www.powermag.com/another-big-solar-project-gets-under-way-in-california/?hq_e=el&hq_m=2923506&hq_l=27&hq_v=5e660500d0)

*[SEPP Comment: 135 MW of peak, unreliable power is hardly big!]*

## ***Environmental Industry***

### **Radical Environmentalism Seeks Death Of Capitalism**

Editorial, IBD, Jul 24, 2014

<http://news.investors.com/ibd-editorials/072414-710279-capitalism-endangered-by-green-lobby-eco-radicals.htm>

*[SEPP Comment: It is not capitalism, it is individual enterprise that is the major issue.]*

### **Sue And Settle: Another Way For Greens To Halt Progress**

By Stephen Moore, IBD, Jul 21, 2014

<http://news.investors.com/ibd-editorials-viewpoint/072114-709679-litigation-strategy-compels-victims-to-give-up-prime-land.htm?p=full>

## ***Other Scientific News***

### **Beyond GPS: 5 Next-Generation Technologies**

By Staff Writers, Washington DC (SPX), Jul 25, 2014

[http://www.gpsdaily.com/reports/Beyond\\_GPS\\_5\\_Next\\_Generation\\_Technologies\\_for\\_Positioning\\_Navigation\\_and\\_Timing\\_\(PNT\)\\_999.html](http://www.gpsdaily.com/reports/Beyond_GPS_5_Next_Generation_Technologies_for_Positioning_Navigation_and_Timing_(PNT)_999.html)

Link to DARPA web site: <http://www.darpa.mil/NewsEvents/Releases/2014/07/24.aspx>

### **The Threat To The Scientific Method**

By Patrick Michaels, Townhall, Jul 21, 2014

<http://townhall.com/columnists/patrickmichaels/2014/07/21/the-threat-to-the-scientific-method-n1864397/page/full>

### **Lessons learned about the foolishness of rejecting mosquito eradication programs? Maybe — or not.**

By Staff Writers, ACSH, Jul 22, 2014

<http://acsh.org/2014/07/lessons-learned-foolishness-rejecting-mosquito-eradication-programs-maybe/>

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

### **IRS Strikes Deal With Atheists To Monitor Churches**

Editorial, IBD, Jul 31, 2014

<http://news.investors.com/ibd-editorials/073114-711290-irs-deal-with-atheists-to-monitor-churches.htm>

### **Lois Lerner emails reveal gaping open-records loophole**

IRS, other agencies aren't storing instant messages, texts

By Stephen Dinan and S.A. Miller, The Washington Times, Jul 20, 2014

<http://m.washingtontimes.com/news/2014/jul/20/lois-lerner-emails-reveal-gaping-open-records-loop/>

**Legal Newslines scores big win for asbestos transparency: Examiner Editorial Editorial, Washington Examiner, Jul 28, 2014**

[http://washingtonexaminer.com/legal-newslines-scores-big-win-for-asbestos-transparency-examiner-editorial/article/2551318?utm\\_campaign=Washington%20Examiner:%20Opinion%20Digest&utm\\_source=Washington%20Examiner:%20Opinion%20Digest%20-%2007/28/14&utm\\_medium=email](http://washingtonexaminer.com/legal-newslines-scores-big-win-for-asbestos-transparency-examiner-editorial/article/2551318?utm_campaign=Washington%20Examiner:%20Opinion%20Digest&utm_source=Washington%20Examiner:%20Opinion%20Digest%20-%2007/28/14&utm_medium=email)

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**BELOW THE BOTTOM LINE:**

**Claim: we should all be vegetarians to stop global warming**

By Anthony Watts, WUWT, Jul 21, 2014

<http://wattsupwiththat.com/2014/07/21/claim-we-should-all-be-vegetarians-to-stop-global-warming/>

**Globetrotting Harvard Prof Takes Break From Jet-Setting To Gripe About Climate Change Deniers**

By Eric Owens, Daily Caller, Jul 25, 2014 [H/t Timothy Wise]

<http://dailycaller.com/2014/07/25/harvard-professor-takes-break-from-jet-setting-to-gripe-about-climate-change-deniers/>

**Mitch McConnell's mythmaking on coal jobs**

By Allan J. Lichtman, The Hill, Jul 24, 2014

<http://thehill.com/blogs/pundits-blog/energy-environment/213172-mitch-mcconnells-mythmaking-on-coal-jobs>

[SEPP Comment: "Lichtman is distinguished professor of history at American University in Washington."??]

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**ARTICLES:**

**1 Why the Buzz About a Bee-pocalypse Is a Honey Trap**

Populations of the pollinators are not declining and a ban on neonic pesticides would devastate U.S. agriculture.

By Henry Miller, WSJ, Jul 22, 2014

[http://online.wsj.com/articles/henry-i-miller-why-the-buzz-about-a-bee-pocalypse-is-a-honey-trap-1406071612?tesla=y&mod=djemMER\\_h&mg=reno64-wsj](http://online.wsj.com/articles/henry-i-miller-why-the-buzz-about-a-bee-pocalypse-is-a-honey-trap-1406071612?tesla=y&mod=djemMER_h&mg=reno64-wsj)

On June 20 the White House issued a presidential memorandum creating a Pollinator Health Task Force and ordering the Environmental Protection Agency to "assess the effect of pesticides, including neonicotinoids, on bee and other pollinator health and take action, as appropriate."

Why the fuss over bees? Is the U.S. in the midst of a bee-pocalypse? The science says no. Bee populations in the U.S. and Europe remain at healthy levels for reproduction and the critical pollination of food crops and trees. But during much of the past decade we have seen higher-than-average overwinter bee-colony losses in the Northern Hemisphere, as well as cases of bees abruptly abandoning their hives, a phenomenon known as "colony collapse disorder."

Citing this disorder, antipesticide activists and some voluble beekeepers want to ban the most widely used pesticides in modern agriculture—neonicotinoids ("neonics" for short)—that account for 20% of pesticide sales world-wide. This would have disastrous effects on modern farming and food prices.

What are neonics? Crafted to target pests that destroy crops, while minimizing toxicity to other species, neonics are much safer for humans and other vertebrates than previous pesticides. But citing supposed threats to honeybee populations, the European Union imposed a two-year ban in December 2013, and activists are trying to convince regulators in Canada and the U.S. to follow suit.

Yet there is only circumstantial or flawed experimental evidence of harm to bees by neonics. Often-cited experiments include one conducted by Chensheng Lu of the Harvard School of Public Health that exposed the insects to 30-100 times their usual exposure in the field. That does poison bees, but it doesn't replicate real-world colony collapse disorder, which in any case seems now to be declining. According to University of Maryland entomologist Dennis van Engelsdorp, no cases have been reported from the field in three years.

The reality is that honeybee populations are not declining. According to U.N. Food and Agriculture Organization statistics, the world's honeybee population rose to 80 million colonies in 2011 from 50 million in 1960. In the U.S. and Europe, honeybee populations have been stable—or slightly rising in the last couple of years—during the two decades since neonics were introduced, U.N. and USDA data show. Statistics Canada reports an increase to 672,000 honeybee colonies in Canada, up from 501,000, over the same two decades.

In February, the Australian government issued a report on bee health from the only continent unaffected by the Varroa destructor mite, a pathogen of bees. It found that, "Australian honeybee populations are not in decline, despite the increased use of [neonicotinoids] in agriculture and horticulture since the mid-1990s."

In April the EU released the first Continent-wide epidemiological study of bee health in Europe, covering 2012-13 (before the EU's neonic ban went into effect). Seventy-five percent of the EU's bee population (located in 11 of the countries surveyed) experienced overwinter losses of 15% a year or less—levels considered normal in the U.S. Only 5% of the EU's bee population (located in six northern countries) experienced losses over 20%, after a long, severe winter.

A ban on neonics would not benefit bees, because they are not the chief source of bee health problems today. Varroa mites are, along with the lethal viruses they vector into bee colonies. If neonics were dangerous, how to explain that in Canada, Saskatchewan's \$19 billion canola industry depends on neonics to prevent predation by the ravenous flea beetle—and those neonic-treated canola fields support such thriving honeybee populations that they've been dubbed the "pastures for pollinators."

A neonic ban would, however, devastate North American agriculture and the communities that depend on it. Neonics are the last line of defense for Florida's citrus industry against the Asian citrus psyllid, an insect that spreads a devastating disease of citrus trees called huanglongbing, or HLB. They're also the first line of defense in Texas and California, where HLB is beginning. Without neonic protection, tomatoes in Florida and vegetable crops in Arizona, California and the Pacific Northwest would be imperiled. If whitefly infestations weren't kept in check with neonics, much of the U.S. winter vegetable production would be lost.

Grape-growing in California and the Pacific Northwest could be devastated by the viral scourges of leaf-roll and red blotch without neonic pesticides to control the leafhoppers that spread them.

Without neonic protection against thrips in cotton, water weevil in rice and grape colaspis in soybeans, yields in the mid-South could be so damaged that farmers would either go out of business or turn to already abundant crops like corn.

The knock-on effect wouldn't stop there. The production of citrus and tomatoes in Florida and rice and cotton in the mid-South and elsewhere is tied to processing plants, refrigerated warehouses, packing houses, cotton gins, rice mills, and a transportation and shipping infrastructure that supports agriculture. If the crops processed by these support industries were to become economically nonviable without crop protection, rural counties across the southeastern U.S. would be decimated.

All this would be painful for consumers, who would see their food costs rise significantly. And by making farm exports more expensive and less competitive, it would damage the U.S. economy. All reasons to worry about unleashing the EPA in a fight in which activists who have the ear of regulators constantly misrepresent the science.

*Dr. Miller, a physician and molecular biologist, is a fellow at Stanford University's Hoover Institution. He was the founding director of the FDA's Office of Biotechnology.*

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## **2. Japan to Step Up Support for Overseas Use of Coal**

By Mari Iwata, WSJ, Jul 23, 2014

<http://online.wsj.com/articles/japan-to-step-up-support-for-overseas-use-of-coal-1406114037>

TOKYO—Japan said Wednesday it would step up support for coal-fired power plants in developing nations, challenging a U.S. policy that seeks to discourage such plants in an effort to fight global warming.

"Without public loans and insurance from rich countries, emerging countries would turn to less costly, inefficient technologies. It could aggravate the CO2 emission issue," said Takafumi Kakudo, coal director at the Ministry of Economy, Trade and Industry. He spoke at a meeting where a government panel of energy experts approved a new policy that promotes coal.

The move represents a repudiation of the Obama administration's strict stance of carbon emissions. Washington is talking to members of the Organization for Economic Cooperation and Development, a club of developed nations, about a rule that would ban national export-credit agencies from financing new overseas coal power plants.

Denmark, Finland, Iceland, Norway, and Sweden joined the U.S. in the autumn of 2013. They said at the time that they would be "promoting energy efficiency and clean energy, including renewables," while ending public financing for new coal-fired power plants overseas because of the risk of climate change.

In the policy adopted Wednesday, Japan contended that developing nations would have to use coal whether others liked it or not. "Encouraging the adoption of the most efficient coal technology as possible is a realistic way to cut CO2," said the policy statement.

On July 17, the government-owned Japan Bank for International Cooperation announced a \$202 million credit line for Vietnam Electricity to purchase Japanese equipment for a coal-fired power plant. The credit line will be insured by state-backed Nippon Export and Investment Insurance.

Under Prime Minister Shinzo Abe's growth strategy, Tokyo seeks each year to back overseas coal power-plant projects worth about \$4 billion. Typically those projects have Japanese investors and use at least some Japanese equipment.

While the annual target hasn't been reached yet, several major projects have recently gotten under way. One is a \$1.1 billion coal power project in Chile, partly owned by Mitsubishi Corp. The project is financed by a bank consortium led by the Japan Bank for International Cooperation and the loans are insured by Nippon Export and Investment Insurance. In Malaysia, meanwhile, Mitsui & Co. has a stake in a \$3.3 billion coal power project.

Japan has been an ardent believer in energy efficiency since the first oil shock in the 1970s. Japan's average rate of coal calorific value turned into electricity has been around 40% for two decades, compared with more than 25% in India and around 35% in the U.S., according to the Netherlands-based energy consultant Ecofys. The number shows Japan burns coal more efficiently.

"In theory, replacing all coal power capacity in China, India and the U.S. with the Japanese up-to-date technology would bring about a cut of 1.5 billion tons a year of CO2 emissions, more than Japan's total," Wednesday's government report said.

Critics of coal power say it is better to shift now to clean technologies instead of cementing coal use in place for decades.

Japan is also using more coal at home because all 48 of its nuclear reactors are shut down. In the three years since the March 2011 Fukushima Daiichi nuclear accident, Japan's coal imports have risen 6% and its spending on coal rose 17% to nearly \$12 billion annually, according to the government. Imports of natural gas have risen even faster.

The nation's nuclear regulator recently said two nuclear reactors in southern Japan cleared tougher post-Fukushima safety standards, but it isn't clear if they can reopen later this year as the reactors' operator hopes.

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### **3. Miners Struggle With a Federal Cave-In**

It takes the average American mine seven to 10 years to move from permitting to production.

By Daniel McGroarty, WSJ, Jul 24, 2014

<http://online.wsj.com/articles/daniel-mcgroarty-miners-struggle-with-a-federal-cave-in-1406243847>

The Environmental Protection Agency last week put forth new restrictions that would essentially block the Pebble Mine, a proposed multi-metal project in the Bristol Bay region of southwest Alaska. For months the EPA has argued that under the Clean Water Act it can prevent the mine before the company has even filed for a permit.

The EPA had never invoked this authority before Pebble, and activists are calling the extreme tactics necessary to fight an extreme project. Joel Reynolds, a lawyer for the Natural Resources Defense Council, called Pebble Mine "one of the worst projects anywhere in the world," in a 2013 interview with Energy & Environment News. So you'd expect the EPA's action to be a one-time-only outlier?

Wrong. Since February members of the Red Cliff tribe have been pressing the EPA to veto an iron ore project in Iron County, Wis., because it might harm tribal wild rice beds. Mike Wiggins, leader of the Bad River Tribe, voiced these concerns at a February town hall meeting, according to a report in the Wisconsin State Journal.

In Minnesota, anti-mining groups like Northeastern Minnesotans for Wilderness have targeted a potential nickel-platinum-palladium mine. The group's Rebecca Rom deemed the region "America's most popular wilderness" in an April interview with Minnesota Public Radio.

And in Oregon, site of a potential nickel mine near a tributary of the Smith River, the EPA is being urged to veto the project. The nonprofit California Trout's executive director, Jeff Thompson, compared the project with Pebble Mine. "The Smith River is our Bristol Bay," as he put it in a June op-ed in the San Francisco Chronicle.

What these projects have in common is that none has put forward an actual mine plan. This action would trigger a thorough mine review, as required under the National Environmental Policy Act. For more than 40 years NEPA has defined the process by which a mine plan is evaluated. Under the law, every one of the concerns raised by opponents to the Wisconsin, Minnesota and Oregon mines would be aired publicly, examined by scientists and a range of technical experts, before approval is granted or denied. Now, using Pebble Mine as precedent, anti-mining activists are urging the EPA to ignore NEPA and bar mining projects with no review necessary.

Activists also are urging the EPA to measure environmental impact in a way that makes projects seem more pernicious than they are. Current law requires an environmental-impact statement, which is an extensive assessment of a mine's potential impact weighed against mitigating safeguards.

But anti-mining activists are pushing for a switch to "cumulative effects assessments," which would take into account past, present and future actions in the project vicinity. Under such an approach, a mine could be vetoed because other proposed mines in the region could at some point in the future collectively contribute to deleterious environmental effects. Even the most meticulously engineered mine plan can be undone by a parade of hypothetical horrors.

The mining advisory group Behre Dolbear's recently released annual survey of global mining reports that it takes the average American mine seven to 10 years to move from permitting to production. That hurts the industry, and explains why America's share of global mine exploration spending continues to drop—to less than 8% today from 20% two decades ago.

Anti-mining activists won't stop until that percentage reaches zero. This isn't hyperbole; this is the objective. Take Earthworks, an advocacy group based in Washington, D.C. At a 2013 congressional hearing, Rep. Paul Gosar (R., Ariz.) asked Earthworks Executive Director Jennifer Krill if her group had ever endorsed or supported a mining operation in the U.S. The answer was no. Not a single U.S. mine has measured up to the group's standards. Little wonder that it is ready to abandon long-established NEPA review.

This has serious implications for the U.S. metals and minerals industry. If these groups have their way, the U.S. will be 100% dependent on foreign countries for metals and minerals, even when

rich sources sit under American soil. These groups may stop mining in the U.S., where safeguards are strongest, but other countries less interested in environmental impact will keep on mining.

Anti-mining groups have declared war on the entire periodic table, a war ironically waged in large part with computers and smartphones made up of dozens of metals. Let's stop this absurdity before it plunges the U.S. into economic penury and perpetual resource dependence.

*Mr. McGroarty is president of American Resources Policy Network, a nonprofit, nonpartisan education and public policy research organization in Washington, D.C.*

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