

# The Week That Was: 2011-07-16 (July 16, 2011)

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### The Science and Environmental Policy Project

PLEASE NOTE: The complete TWTW, including the articles, can be downloaded in an easily printable form at the SEPP web site: [www.sepp.org](http://www.sepp.org).

**Good News!** Fred Singer will be spreading the joyous news that humanity and the environment do not face eminent destruction. The claim of unprecedented and dangerous global warming is scientifically false.

Fred's tentative itinerary includes talks at the following times and locations:  
July 18, **Fort Collins**, CO, at 7:30 pm during a general meeting at Glover Hall, Colorado State University, (technical meeting at 3 pm)  
July 19, **Boulder**, CO, at 4 pm at NIST, 345 Broadway. The location is government facility closed to the public. The talk is open only to members of NIST and NOAA.

For details please contact [Ken@sepp.org](mailto:Ken@sepp.org)

#### Quote of the Week:

"We are taking away a choice that continues to let people waste their own money." Secretary of Energy Chu opposing the repeal of the upcoming ban on inexpensive incandescent light bulbs. WSJ 9/7/11

#### Number of the Week: 4.4 to 3.1

#### THIS WEEK:

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

Videos from the Sixth International Conference on Climate Change (ICCC) sponsored by Heartland Institute are available on the web. Go to: <http://climateconference.heartland.org/watch-live/>  
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**Philosophical Basis for Challenging the IPCC:** In an interesting opinion piece in *The New York Times* entitled "On Experts and Global Warming," Gary Gutting, Professor of Philosophy at the University of Notre Dame, argues that the non-experts must accept the findings of the expert authorities in climate science. Though not named, no doubt the expert climate authorities are the members of the UN Intergovernmental Panel on Climate Changes (IPCC), particularly as expressed in the *Summary for Policymakers* (SPM) of the *Forth Assessment Report* (AR4).

Unfortunately, the good professor fails to recognize the tremendous change in thinking that came about through the development of natural philosophy – scientific philosophy. Under scientific philosophy, the pronouncements of climate authorities are not as important as how and why they acquired their claimed knowledge. Did they adhere to the principles of acquiring scientific knowledge? If the climate authorities did not, then anyone familiar with scientific principles is perfectly capable of challenging these experts, even though the challenger is not, necessarily, an expert in climate science.

There are many glaring scientific defects in AR4, particularly in the SPM. Among these defects are the following:

- Ignoring scientific data that is contrary to the central conclusions.
- Failure to rigorously test hypotheses using physical observations.
- Assuming results are evidence of cause.

- Assuming a poor correlation is evidence of cause.
- Assuming a thorough knowledge of the climate system.
- Assuming that calculations involving variables with a low level of understanding can produce results embodying a high level of understanding.
- Assuming projections from unverified models are scientific knowledge.

The SPM focuses only on the past fifty years – not carefully defined. Thus, it ignores a vast body of scientific evidence that prior warm periods equal to or greater than the current period existed and that the historical warm periods are unrelated to atmospheric carbon dioxide (CO<sub>2</sub>). The main body of the AR4 explains these omissions by claiming the past warm periods were not global. Yet, according to the most comprehensive, reliable data available, satellite data, the current warm period is not global. It is concentrated in the northern part of the Northern Hemisphere, above 35 deg N.

CO<sub>2</sub> is a greenhouse gas, and laboratory experiments show that a doubling of CO<sub>2</sub>, absent of feedbacks, will increase temperatures by about 1.2 deg C. The SPM assumes positive feedbacks amplify this small warming. Yet, nowhere in AR4 are these positive feedbacks tested against physical observations as required by the critical step of hypothesis testing. Tests by others demonstrate that the assumptions fail when tested against the proper alternative hypothesis – the null hypothesis. Such testing is the foundation of scientific knowledge.

There is little question warming occurred in the 20<sup>th</sup> century and the results of warming can be observed. However, these results do not establish cause.

During the 20<sup>th</sup> century, both CO<sub>2</sub> and temperatures increased, but not necessarily together. The correlation is poor. For several multi-decadal periods during the 20<sup>th</sup> century temperatures fell while CO<sub>2</sub> increased.

In the SPM, only one natural variation is considered – solar irradiation. Other influences of the sun and the influence of ocean oscillations are ignored.

An appendix to the main body of the AR4 gives the levels of understanding for sixteen variables considered to influence temperatures (many important variables are not considered.) The levels of understanding for five of these influences are rated as very low. The levels of understanding for ten for the remaining eleven are rated as low to medium. Yet the SPM states a high level of confidence in the results of its work. One cannot have high confidence in the results, when starting with a poor understanding of critical variables.

The models have never been verified, thus are interesting artifacts, not knowledge.

Contrary to the statements of Professor Gutting, anyone understanding the principles establishing physical sciences has a solid philosophical basis for challenging the work of the experts of the IPCC. Please see the referenced articles under “Challenging the Orthodoxy” and “Defenders of the Orthodoxy.”

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**Amplifications and Corrections: EPA numbers.** Last week’s TWTW questioned EPA’s claim that the new, intensified regulations of sulfur dioxide (SO<sub>2</sub>) and nitrogen oxide (NO<sub>x</sub>) emissions will prevent 34,000 premature deaths, 15,000 non-lethal heart attacks, and 400,000 cases of asthma per year starting in 2014. The regulations would reduce SO<sub>2</sub> emissions by 73% and NO<sub>x</sub> emissions by 54% below 2005 levels. TWTW termed the claims as not creditable (assignable as the term bankable in finance). Alert readers informed SEPP the correct term is not credible (believable).

Why EPA used 2005 as its base year for its calculations of SO<sub>2</sub> and NO<sub>x</sub> calculations prompted further investigation.

A check of the EPA web site showed that under existing regulations, from 1980 to 2010, SO<sub>2</sub> emissions have declined by about 12,490,000 from 17,260,730 tons to 5,119,700 tons. NO<sub>x</sub> emissions have fallen by about 3,963,000 from a high of 6,026,524 tons in 1997 to 2,061,098 tons in 2010, or about 66%. Obviously, by 2010, major reductions in emissions of these gases have been achieved under existing regulations – 71% for sulfur dioxide since 1980 and 66% for NO<sub>x</sub> since the high in 1997. (The web site also gives 2005 emissions of SO<sub>2</sub> of 10,221,000 tons and NO<sub>x</sub> of 3,632,000 tons.)

Using the numbers games favored by the EPA and the claimed health benefits of the incremental reduction from the new regulations, one can calculate that the reduction in these pollutants prior to 2011 is already resulting in a prevention of 185,000 premature deaths, 81,000 non-lethal heart attacks, and 2,173,000 cases of asthma each year. As stated last week, during this period of regulations, according to the National Center of Health Statistics, prevalence of asthma has increased from 3.1% of the US population in 1980 to 8.2% in 2009. As with many EPA numbers, these new EPA numbers are neither believable nor bankable. Please see articles referenced under “EPA and Other Regulators...”

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**Acid Rain:** TWTW reader Robert Cihak reminded us of a 1990s, article on acid rain that was posted by SPPI. (Prior to the conversion of the web site, SEPP had a number of articles on acid rain, and other topics, which will be restored onto the new web site.) A search of the EPA web site failed to produce references to rigorous, scientific measurements of the acidity in rain, which has a normal pH of 5.6 -- the lower the number below 7, the more intense the acidity. EPA commentary did state that rain has been measured as low as a pH of 4.3 but did not reference the study, location, or time.

The above referenced article suggests that lakes in the Adirondack Mountains in upstate New York are naturally acidic, but had the pH raised (made less acid) by the slash and burn land clearing methods used by colonial settlers. According to the article, after the passage of a state law in the early 20<sup>th</sup> century forbidding logging, the lakes are returning to their natural acidity. Please see referenced article under “Acidic Waters.”

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**Acid Waters:** Searching for the pH of other well-known acidic waters produced interesting results. The Great Dismal Swamp in southeastern Virginia and northeastern North Carolina has a measured pH seasonally ranging from 4.0 to 3.5. Its waters have been known as highly acidic since colonial times, long before the burning of coal became wide spread. A wide variety of wildlife thrives there including major mammals, migratory and non-migratory birds, reptiles, amphibians, and fish. However, a search failed to reveal a study of the pH published in recognized journals or scientific proceedings.

The Okefenokee Swamp includes peat bogs, forests, and wetland grasses stretching from southeast Georgia into northeast Florida. It is not downwind of the coal fired power plants in the Midwest that are blamed for acid rain. The swamp is about 20 miles wide and 40 miles long and the waters have been noted as highly acidic since colonial times. According to the US Fish and Wildlife Service a wide variety of wildlife thrives in and around these waters including major mammals, migratory and non-migratory birds, reptiles including alligators, amphibians including frogs, and fish. The detailed list includes popular game fish such as largemouth bass and eastern chain pickerel, a member of the pike family.

Other species listed in scientific studies include invertebrates such as odonates, amphipods and crayfish. The latter two are crustaceans. Apparently, none of the many species are unique to the swamp. . [Note: one study showed that in the presence of aluminum, young large-mouth bass did not thrive with a pH below 3.5, but it was not clear if the results were due the combination of aluminum and acidity or to acidity alone.]

**Number of the Week:** According to published scientific studies, Okefenokee Swamp has measured pH ranging from 4.4 to 3.1 – vinegar. The estimated average pH is 3.7.

The above illustrates that one cannot conclude that acidic waters are necessarily the result of burning of coal. Acidic waters are natural and provide a habitat for a wide variety of wildlife. It is incumbent on the EPA, and other organizations, to produce the scientific verifying the claims that burning coal causes acid rain and lakes to become acidic. Please see referenced articles under “Acidic Waters.”

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**Ocean Acidification:** The fact that highly acidic swamps provide important habitats for numerous species not specifically adapted to highly acidic waters falsifies many of the claims of EPA and NOAA concerning what they call ocean acidification. The term itself is a marketing gimmick. A more scientifically correct phrase, such as a marginal reduction of the alkalinity of the surface waters of the oceans, would not have the same sales appeal.

Last November, during hearings before the House Subcommittee on Energy and Environment, it was apparent that some of the Subcommittee members were taken in by false claims that “ocean acidification” would cause the shells of shellfish and crustaceans to dissolve and eggs become hard boiled as if soaked in vinegar for several days. Yet, crustaceans and amphibians eggs not only survive in highly acidic waters, but are an important part of food web and ecosystem of the Okefenokee Swamp. These facts falsify the claims that slightly less alkaline surface waters of the oceans will cause shells of crustaceans to dissolve and eggs to become hard boiled. Please see Nov 20, 2010 TWTW at [www.SEPP.org](http://www.SEPP.org).

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**Ian Plimer:** Over the past several months an email has been circulating falsely claiming that the volcano in Iceland is emitting more CO2 in four days as the human race has ever emitted. Some of the emails attribute the assertions to the noted Australian geologist Ian Plimer. Prompted by TWTW reader Joe Falcon, SEPP queried Plimer who disavowed any association with the email. Plimer pointed out some of the spelling is American English, not Australian English. It is reprehensible if the emails are a tactic to discredit Plimer.

In his book *heaven+earth*, Plimer discusses the disastrous effects of super volcanoes, the last such eruption was Toba in Sumatra about 74,000 years ago. Plimer also discusses the effects of volcanoes on the ocean floor and the failure to systematically study them. Under sea volcanoes and vents emit enormous amounts of carbon dioxide and other gases such as sulfur dioxide. A comment in an article in *Oceanus*, stated that the Woods Hole Oceanographic Institute has a device that measured the pH at one such vent at 0.9 – battery acid. A search of the web site failed to produce any systematic studies of such a low pH at undersea vents.

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**Hal Lewis:** Anthony Watts informed SEPP that Hal Lewis died in May. A distinguished physicist, Lewis was a quiet man who did not draw attention to himself except last year when he publically withdrew his membership from the American Physical Society, outraged by its endorsement of the reports by the IPCC. Please see reference under “Other News ...”

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## **ARTICLES:**

For the numbered articles below please see: [www.sepp.org](http://www.sepp.org).

### **1. A World Food Crisis?**

By S. Fred Singer, American Thinker, Jul 12, 2011

[http://www.americanthinker.com/2011/07/a\\_world\\_food\\_crisis.html](http://www.americanthinker.com/2011/07/a_world_food_crisis.html)

## 2. Politics has overtaken science at the EPA (The Daily Caller)

By Gilbert Ross, M.D, Daily Caller, Jul 13, 2011 From ASCH  
[http://acsh.org/healthissues/newsID.1954/healthissue\\_detail.asp](http://acsh.org/healthissues/newsID.1954/healthissue_detail.asp)

## 3. The Green Economy Withers

Editorial, IBD, Jul 14, 2011  
<http://www.investors.com/NewsAndAnalysis/Article/578386/201107141854/The-Green-Economy-Withers.htm>

*[SEPP Comment: The economic thinking of green energy policy is bewildering. Washington can create prosperity by lowering the standards of living of most Americans by driving up energy costs.]*

## 4. The Greens Just Love Us to Death

By Alan Caruba, Warning Signs, Jul 9, 2011  
<http://factsnotfantasy.blogspot.com/2011/07/greens-just-love-us-to-death.html>

*“It is an utter delusion to think the Earth cares about you even if you care deeply about it”*

## 5. Cellulosic Ethanol and Unicorns

The EPA punishes oil refiners for not buying a product no one makes.  
Editorial, WSJ, Jul 15, 2011  
[http://online.wsj.com/article/SB10001424052702303406104576445752787189310.html?mod=WSJ\\_Opinion\\_AboveLEFTTop](http://online.wsj.com/article/SB10001424052702303406104576445752787189310.html?mod=WSJ_Opinion_AboveLEFTTop)

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## NEWS YOU CAN USE:

### *Climategate Continued*

#### **“Covert” Operations by East Anglia’s CRU**

By Steve McIntyre, Climate audit, Jul 14, 2011  
<http://climateaudit.org/>

### **HadSST**

Steve McIntyre, Climate Audit, Jul 12, 2011  
<http://climateaudit.org/2011/07/12/hadsst3/#more-14155>

*[SEPP Comment: An incorrect adjustment in the data for the switch from measuring sea surface temperatures from buckets dipped in the ocean to engine inlets may have caused the reported warming trend for last half of the 20<sup>th</sup> century to be greater than it actually was.]*

### *Challenging the Orthodoxy*

#### **Understanding James Hansen’s View of Our Climate Future**

By Roy Spencer, His Blog, Jul 13, 2011  
<http://www.drroyspencer.com/>

#### **Our Refutation of Dessler (2010) is Accepted for Publication**

By Roy Spencer, His Blog, Jul 15, 2011  
<http://www.drroyspencer.com/>

#### **Perpetuating The Climate Science Community’s Inappropriate Model-Centered Reality**

By Roger Pielke Sr, Climate Science, Jul 15, 2011  
<http://pielkeclimatesci.wordpress.com/2011/07/15/perpetuating-the-climate-science-communitys-inappropriate-model-centered-reality/>

## **Climate Science Myopia**

By Roger Pielke, Sr, Pielke Climate Science, Jul 14, 2011

<http://pielkeclimatesci.wordpress.com/2011/07/14/climate-science-myopia/>

[SEPP Comment: More on the claim that China's use of coal is hiding global warming.]

*"The claim that CO2 dominates climate change in the multi-decadal time period has been clearly FALSIFIED."*

## **Inventing a pollutant**

By Christopher Carr, Quadrant, AU, July 15, 2011

<http://www.quadrant.org.au/blogs/doomed-planet/2011/07/inventing-a-pollutant>

## **PR, Climate Science and Climate Activism**

By Shub Niggurath, GWPF Best of the Blogs, Jul 15, 2011

<http://www.thegwpf.org/best-of-blogs/3450-shub-niggurath-pr-climate-science-and-climate-activism.html>

[SEPP Comment: The science is in the marketing.]

## ***Defenders of the Orthodoxy***

### **On Experts and Global Warming**

By Gary Gutting, NYT Opinion, Jul 12, 2011

<http://opinionator.blogs.nytimes.com/2011/07/12/on-experts-and-global-warming/?nl=todaysheadlines&emc=thab1>

## **Economists Find Flaws in Federal Estimate of Climate Damage**

A report concludes that each ton of CO2 emitted inflicts almost 45 times more "social cost" than the federal government estimates

By Douglas Fischer and The Daily Climate, Scientific American, July 13, 2011 | 42

<http://www.scientificamerican.com/article.cfm?id=economists-find-flaws-federal-estimate-climate-damage>

[SEPP Comment: "The social cost" of CO2 is \$900 per ton. Imagine how prosperous society would be if all of it was eliminated from the atmosphere.]

## **So, will it rain tomorrow?**

The Met Office has been trying to answer this question for 150 years. Have Britain's weather scientists now cracked it?

By Clive Cookson, Financial Times, Jun 24, 2011 [H/t WUWT]

<http://www.ft.com/cms/s/2/35145bee-9d38-11e0-997d-00144feabdc0.html#ixzz1RacNghPj>

## **Climate change forces early spring**

By Staff Writers, SPX. Jul 14, 2011

[http://www.terradaily.com/reports/Climate\\_change\\_forces\\_early\\_spring\\_999.html](http://www.terradaily.com/reports/Climate_change_forces_early_spring_999.html)

[SEPP Comment: How much of the early spring is due to warmth, and how much is due to CO2 enrichment?]

## **Climate Change 'Could Lead to Rise In Coal Power Plants**

By Ben Webster, The Times, Jul 15, 2011 [From GWPF]

<http://www.thegwpf.org/the-climate-record/3448-climate-change-could-lead-to-rise-in-coal-power-plants.html>

[SEPP Comment: Now global warming reduces windy days.]

## **Global warming: study finds natural shields being weakened**

By Staff Writers, AFP, Jul 13, 2011

[http://www.terradaily.com/reports/Global\\_warming\\_study\\_finds\\_natural\\_shields\\_being\\_weakened\\_999.html](http://www.terradaily.com/reports/Global_warming_study_finds_natural_shields_being_weakened_999.html)

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

#### **The China Syndrome**

By David Whitehouse, The Observatory, Jul 14, 2011 [H/t WUWT]

<http://thegwpf.org/the-observatory/3442-the-chine-syndrome.html>

[SEPP Comment: More on China hiding global warming.]

#### **Arctic Species Prefer Warmer Climate**

By Patrick Michaels, World Climate Report, Jul 15, 2011

<http://www.worldclimaterreport.com/index.php/2011/07/15/arctic-species-prefer-warmer-climate/#more-498>

[SEPP Comment: No mentioned in the article is that Canadian Moose are invading New England as far south as Massachusetts.]

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

#### **International Climate Change Financing: The Green Climate Fund (GCF)**

Richard K. Lattanzio, Analyst in Environmental Policy Congressional Research Office, June 23, 2011

[H/t Steven Aftergood]

<http://www.fas.org/sgp/crs/misc/R41889.pdf>

[SEPP Comment: Notice that transparency, as defined below as among governments, not between governments and their citizens, or in science.]

“Transparency” commitments refer to the negotiated provisions whereby all major economy Parties (including the large emerging economies) must report on the progress they are making in meeting their mitigation commitments (targets and actions), and all Parties providing financial assistance must report their contributions through commonly accepted formats.

### ***Communicating Better to the Public – Exaggerate?***

#### **Gore (Re)Sells A Lie**

Editorial, IBD, Jul 12, 2011 [H/t Deke Forbes]

<http://www.investors.com/NewsAndAnalysis/Article/578043/201107121835/Gore-ReSells-A-Lie.htm>

#### **Gore to connect dots on extreme weather, climate change**

By Andrew Restuccia, The Hill, Jul 7, 2011

<http://thehill.com/blogs/e2-wire/677-e2-wire/170871-gore-launches-climate-reality-campaign>

#### **Australian children are being terrified by climate change lessons**

By Bruce McDougall and Jenny Dillon, Daily Telegraph, Jul 9, 2011

<http://www.news.com.au/national/australian-kids-are-living-in-climate-of-fear/story-e6frfkvr-1226091097398>

#### **Teaching doomsday, learning fear**

By Merv Bendle, Quadrant, AU, July 12, 2011

<http://www.quadrant.org.au/blogs/doomed-planet/2011/07/teaching-doomsday-learning-fear>

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

#### **Perpetuating The Climate Science Community’s Inappropriate Model-Centered Reality**

By Roger Pielke Sr, Climate Science, Jul 15, 2011

<http://pielkeclimatesci.wordpress.com/2011/07/15/perpetuating-the-climate-science-communitys-inappropriate-model-centered-reality/>

*“The appropriate foundation (cornerstone) for all scientific studies must be real world observations!”*

### ***Changing Weather***

#### **Overplaying Heat, Underplaying Adaptation (Part II)**

By Chip Knappenberger, Master Resource, Jul 12, 2011

<http://www.masterresource.org/2011/07/overplaying-heat-underplaying-adaptation-part-ii/>

#### **Fewer rain storms across southern Australia**

By Staff Writers, SPX, Jul 14, 2011

[http://www.terradaily.com/reports/Fewer\\_rain\\_storms\\_across\\_southern\\_Australia\\_999.html](http://www.terradaily.com/reports/Fewer_rain_storms_across_southern_Australia_999.html)

[SEPP Comment: Intense storms declining, don't tell the IPCC.]

### ***Changing Seas***

#### **Battered West Coast a lesson on warming, study finds**

USGS: Rough 2009-10 winter shows 'large-scale coastal changes' likely as sea levels rise

By Staff Reporters, MSNBC, Jul 13, 2011 [H/t Best of the Web]

<http://www.msnbc.msn.com/id/43741940/>

*[SEPP Comment: El Ninos warm the Pacific Ocean, but according to the IPCC don't cause warming. Also, El Ninos raise the sea levels along the west coast by 4 to 8 inches.]*

### ***Changing Earth***

#### **Japan quake makes 2011 costliest year: Munich Re**

By Staff Writers, AFP, Jul 12, 2011

[http://www.terradaily.com/reports/Japan\\_quake\\_makes\\_2011\\_costliest\\_year\\_Munich\\_Re\\_999.html](http://www.terradaily.com/reports/Japan_quake_makes_2011_costliest_year_Munich_Re_999.html)

#### **Underwater Antarctic Volcanoes**

By Staff Writers, SPX, Jul 13, 2011

[http://www.spacedaily.com/reports/Underwater\\_Antarctic\\_Volcanoes\\_999.html](http://www.spacedaily.com/reports/Underwater_Antarctic_Volcanoes_999.html)

#### **Scripps researchers discover new force driving Earth's tectonic plates**

By Staff Writers, SPX, Jul 15, 2011

[http://www.terradaily.com/reports/Scripps\\_researchers\\_discover\\_new\\_force\\_driving\\_Earths\\_tectonic\\_plates\\_999.html](http://www.terradaily.com/reports/Scripps_researchers_discover_new_force_driving_Earths_tectonic_plates_999.html)

#### **Tsunami airglow signature could lead to early detection system**

Researchers at the University of Illinois have become the first to record an airglow signature in the upper atmosphere produced by a tsunami using a camera system based in Maui, Hawaii.

By Kim Gudemen, U. Illinois, Jul 14, 2011 [H/t WUWT]

<http://engineering.illinois.edu/news/2011/07/13/tsunami-airglow-signature-could-lead-early-detection-system>

#### **New study suggests that the volcanic impact on climate may be significantly underestimated**

Posted on July 11, 2011 by Anthony Watts, WUWT

<http://wattsupwiththat.com/2011/07/11/new-study-suggests-that-the-volcanic-impact-on-climate-may-be-significantly-underestimated/>

### ***Acidic Waters***



### **Rear Mirror: The EPA vs. Ed Krug over the Acid Rain Scare**

By William Anderson, Reason Magazine, Jan 1992

Posted by SPPI, [H/t Robert Cihak]

<http://sppiblog.org/news/rear-mirror-the-epa-vs-ed-krug-over-the-acid-rain-scare>

### **Microbial Biomass and Utilization of Dissolved Organic Matter in the Okefenokee Swamp Ecosystem**

By Robert Murray and Robert Hodson. Applied and Environmental Microbiology, Apr 1984

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC239749/pdf/aem00161-0097.pdf>

*“The Okefenokee Swamp is an acidic (pH 3.1 to 4.4), black-water, peat-accumulating environment consisting primarily of forested swamp and open (the average may be 3.7) marsh prairies.”*

### **Invertebrates as Bioindicators of Mercury in the Okefenokee Swamp of Southeast Georgia**

By B.M. George and D.P. Batzer,

Proceedings of the 2001 Georgia Resources conference, March 26 – 27, 2001

<http://www.gwri.gatech.edu/uploads/proceedings/2001/GeorgeB-01.pdf>

*“We collected amphipods, odonates, and crayfish, three groups that are important in the Okefenokee food webs.”*

### **Reference to pH of the Great Dismal Swamp**

Tests by Elizabeth City State University

[http://abyssal\\_night.tripod.com/pH.html](http://abyssal_night.tripod.com/pH.html)

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

#### **World Population Day: Agriculture Offers Huge Opportunities for a Planet of 7 Billion**

By Staff Writers, SPX, Jul 14, 2011

[http://www.seeddaily.com/reports/World\\_Population\\_Day\\_Agriculture\\_Offers\\_Huge\\_Opportunities\\_for\\_a\\_Planet\\_of\\_7\\_Billion\\_999.html](http://www.seeddaily.com/reports/World_Population_Day_Agriculture_Offers_Huge_Opportunities_for_a_Planet_of_7_Billion_999.html)

#### **Save the fish and feed the people, says EU fisheries chief**

By Staff Writers, AFP, July 13, 2011

[http://www.terradaily.com/reports/Save\\_the\\_fish\\_and\\_feed\\_the\\_people\\_says\\_EU\\_fisheries\\_chief\\_999.html](http://www.terradaily.com/reports/Save_the_fish_and_feed_the_people_says_EU_fisheries_chief_999.html)

[SEPP Comment: *The problem of overfishing in Europe.*]

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

#### **Scientists warn on budget cutting**

By Staff Writers, UPI, Jul 12, 2011

[http://www.space-travel.com/reports/Scientists\\_warn\\_on\\_budget\\_cutting\\_999.html](http://www.space-travel.com/reports/Scientists_warn_on_budget_cutting_999.html)

[SEPP Comment: *This may become a real problem because scientific institutions subordinate science to politics.*]

#### **House votes to limit EPA's say over state water standards**

By Pete Kasperowicz - 07/13/11 06:55 PM ET

<http://thehill.com/blogs/floor-action/house/171383-house-votes-to-limit-epas-say-over-state-water-standards>

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

Transcript of Andrew Bolt's "Carbon Sunday" interview with Richard Lindzen

By Alec Rawls, WUWT, Jul 11, 2011

<http://wattsupwiththat.com/2011/07/11/transcript-of-andrew-bolts-carbon-sunday-interview-with-richard-lindzen/>

*RL: "I think there's no disagreement in the scientific community that this [carbon tax] will have no impact on climate, so it's purely a matter of government revenue. And, as I say, I mean if they can fool the people into thinking that they really want to pay taxes to save the earth, that's a dream for politicians."*

### **Gillard's tax on "carbon pollution": the facts**

By Lord Monckton, Jonova, Jul 10, 2011

<http://joannenova.com.au/>

pdf.

<http://jonova.s3.amazonaws.com/monckton/warm-aus-carbtax.pdf>

### **Is CO2 mitigation cost-effective?**

By Christopher Monckton of Brenchley, To Prague School of Economics, May 2011

<http://joannenova.com.au/2011/07/monckton-is-carbon-dioxide-mitigation-cost-effective/#more-15804>

Full pdf – 12 pages

<http://jonova.s3.amazonaws.com/monckton/co2-mitigation-cost-effectiveness.pdf>

### **Australia sets carbon tax to fight climate change**

By Staff Writers, AFP, July 10, 2011

[http://www.terradaily.com/reports/Australia\\_sets\\_carbon\\_tax\\_to\\_fight\\_climate\\_change\\_999.html](http://www.terradaily.com/reports/Australia_sets_carbon_tax_to_fight_climate_change_999.html)

### **Carbon tax backlash in national plebiscite hosted by News Ltd websites**

By Staff Writers, The Sunday Mail (Qld) July 10, 2011 [H/t ICECAP]

<http://www.couriermail.com.au/news/national/cast-your-vote-in-national-plebiscite-on-carbon-tax-hosted-by-news-ltd-websites/story-e6freooo-1226091387866>

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

#### **New Hampshire Governor Vetoes RGGI Withdrawal Bill**

By Staff Writers, POWERnews

[http://www.powermag.com/POWERnews/3856.html?hq\\_e=el&hq\\_m=2241243&hq\\_l=11&hq\\_v=5e660500d0](http://www.powermag.com/POWERnews/3856.html?hq_e=el&hq_m=2241243&hq_l=11&hq_v=5e660500d0)

### **Let There Be Lights**

Editorial, IBD, Jul 8, 2011

<http://www.investors.com/NewsAndAnalysis/Article/577799/201107081902/Let-There-Be-Lights.htm>

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

#### **The EPA Doesn't Love New York**

Liberals learn what it's like to be an American business.

Editorial, WSJ, Jul 11, 2011

[http://online.wsj.com/article/SB10001424052702303544604576430320127840458.html?mod=ITP\\_opinion\\_2](http://online.wsj.com/article/SB10001424052702303544604576430320127840458.html?mod=ITP_opinion_2)

*[SEPP Comment: Another example of EPA phony numbers – covering a reservoir would prevent from 112,000 to 365,000 cases of diarrhea from a particular pathogen. Yet years of testing fail to demonstrate the existence of the pathogen in the reservoir. May be behind a pay wall.]*

### **More "Toxic" Research at EPA?**

By Pete Sepp, Government Bytes, Jul 8, 2011 [H/t Timothy Wise]

<http://www.ntu.org/governmentbytes/more-toxic-research-at-epa78.html>

### **An Aggressive Ruling on Clean Air**

Editorial, NYT, Jul 10, 2011

[http://www.nytimes.com/2011/07/11/opinion/11mon1.html?\\_r=1&nl=todaysheadlines&emc=tha211&pagewanted=print](http://www.nytimes.com/2011/07/11/opinion/11mon1.html?_r=1&nl=todaysheadlines&emc=tha211&pagewanted=print)

*[SEPP Comment: The New York Times repeats EPA phony numbers without pause.]*

### **EPA chief: Bush-era ozone rule not ‘legally defensible’**

By Ben Geman, The Hill, Jul 13, 2011

<http://thehill.com/blogs/e2-wire/677-e2-wire/171555-epa-chief-bush-era-ozone-rule-not-legally-defensible>

*[SEPP Comment: Are EPA numbers defensible?]*

### **EPA Vs. Fireworks**

Editorial, IBD, Jul 13, 2011

<http://www.investors.com/NewsAndAnalysis/Article/578203/201107131848/EPA-Vs-Fireworks.htm>

### **Beware the Planners**

By Donn Dears, Power for USA, Jul 12, 2011

<http://dddusmma.wordpress.com/>

*[SEPP Comment: To some, no amount of planning is sufficient even if it causes total failure.]*

## ***Energy Issues***

### **The coming UK energy meltdown**

By Hugh Sharman, European Energy Review, Jul 7, 2011

<http://www.europeanenergyreview.eu/site/pagina.php?id=3115>

### **A Test of Prudence Favors Coal -- Part One**

By Frank Clemente, Energy-Facts.org, Jul 13, 2011

[http://www.energy-facts.org/?utm\\_source=Energy+Facts+Weekly&utm\\_campaign=3cb4e05b96-EnergyFactsWeekly+July+12+2011&utm\\_medium=email](http://www.energy-facts.org/?utm_source=Energy+Facts+Weekly&utm_campaign=3cb4e05b96-EnergyFactsWeekly+July+12+2011&utm_medium=email)

## ***Nuclear Fears & Responses***

### **Japan PM to outline nuclear phase-down plan**

By Staff Writers, AFP, Jul 13, 2011

[http://www.nuclearpowerdaily.com/reports/Japan\\_PM\\_to\\_outline\\_nuclear\\_phase-down\\_plan\\_999.html](http://www.nuclearpowerdaily.com/reports/Japan_PM_to_outline_nuclear_phase-down_plan_999.html)

### **Heatstroke cases up as Japan saves electricity**

By Staff Writers, AFP, July 14, 2011

[http://www.energy-daily.com/reports/Heatstroke\\_cases\\_up\\_as\\_Japan\\_saves\\_electricity\\_999.html](http://www.energy-daily.com/reports/Heatstroke_cases_up_as_Japan_saves_electricity_999.html)

### **Nuclear technology is Russian priority**

By Staff Writers, World Nuclear News, 08 July 2011

<http://www.world-nuclear-news.org/newsarticle.aspx?id=30371>

### **Differences in nuclear regulations**

By Alexandra Arkin, Medill News Service (UPI) Jul 14, 2011

[http://www.nuclearpowerdaily.com/reports/Differences\\_in\\_nuclear\\_regulations\\_999.html](http://www.nuclearpowerdaily.com/reports/Differences_in_nuclear_regulations_999.html)

## **Germany to fund new coal plants with climate change cash**

By Staff Writers, The Local, Jul 13, 2011 [H/t WUWT]

<http://www.thelocal.de/national/20110713-36277.html>

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

### **A US oil boom – unless greens abort it**

By Arthur Herman, NY Post, Jul 14, 2011

[http://www.nypost.com/p/news/opinion/opedcolumnists/us\\_oil\\_boom\\_unless\\_greens\\_abort\\_lgzoqXtPvUzLmVBicIPKNK](http://www.nypost.com/p/news/opinion/opedcolumnists/us_oil_boom_unless_greens_abort_lgzoqXtPvUzLmVBicIPKNK)

## **Shale gas's role in U.S. debated**

By Alexandra Arkin, Medill News Service, UPI, Jul 7, 2011

[http://www.energy-daily.com/reports/Shale\\_gas\\_role\\_in\\_US\\_debated\\_999.html](http://www.energy-daily.com/reports/Shale_gas_role_in_US_debated_999.html)

[SEPP Comment: The environmental industry does not care for the natural gas boom in the US.]

## **Chesapeake Will Invest in Uses for Natural Gas**

By Ben Casselman, WSJ, Jul 12, 2011

[http://online.wsj.com/article/SB10001424052702304584404576440332696732422.html?mod=WSJ\\_Energy\\_leftHeadlines](http://online.wsj.com/article/SB10001424052702304584404576440332696732422.html?mod=WSJ_Energy_leftHeadlines)

[SEPP Comment: A clear indication of the success of natural gas from shale. One of the largest producers is now trying to expand the market for it using its own money rather than demanding it from Washington. May be behind a pay wall.]

## ***Oil Spills & Consequences***

A year after flow of oil from BP spill ended, 'normal' drilling operations are hard to define

By Richard Thompson, The Times-Picayune, Jul 15, 2011

[http://www.nola.com/news/gulf-oil-spill/index.ssf/2011/07/a\\_year\\_after\\_flow\\_of\\_oil\\_from.html](http://www.nola.com/news/gulf-oil-spill/index.ssf/2011/07/a_year_after_flow_of_oil_from.html)

[SEPP Comment: Killing an industry.]

## **Of Predators, Prey, and Petroleum**

Do microscopic marine animals help bacteria degrade oil?

By Cherie Winner, Oceanus, Jul 14, 2011

<http://www.whoi.edu/oceanus/viewArticle.do?id=106089&sectionid=1000>

## **BP to impose voluntary offshore drilling safety standards**

By Andrew Restuccia, The Hill, Jul 15, 2011

<http://thehill.com/blogs/e2-wire/677-e2-wire/171689-bp-to-impose-voluntary-offshore-drilling-safety-standards>

[SEPP Comment: Do doubt how wasteful, the administration will demand the standards from others.]

## **China orders US oil giant to halt rigs after spill**

By Staff Writers, AFP, Jul 13, 2011

[http://www.energy-daily.com/reports/China\\_orders\\_US\\_oil\\_giant\\_to\\_halt\\_rigs\\_after\\_spill\\_999.html](http://www.energy-daily.com/reports/China_orders_US_oil_giant_to_halt_rigs_after_spill_999.html)

## ***Administration Control of Fossil Fuels***

### **Obama signs order forming Alaska drilling task force**

By Andrew Restuccia, The Hill, Jul 12, 2011

<http://thehill.com/blogs/e2-wire/677-e2-wire/170955-obama-signs-order-forming-alaska-drilling-task-force>

## **Oiling The Economy**

Editorial, IBD, Jul 13, 2011

<http://www.investors.com/NewsAndAnalysis/Article/578200/201107131848/Oiling-The-Economy.htm>

## **Petroleum leader decries ‘extreme’ regulations**

Says tax revenue and jobs still waiting for president’s pledge

By Tim Devaney, Washington Times, Jul 12, 2011

<http://www.washingtontimes.com/news/2011/jul/12/petroleum-leader-decries-extreme-regulations/>

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

### **The Real Cost of Solar Energy**

By Alan Aszkler, American Thinker, Jul 11, 2011

[http://www.americanthinker.com/2011/07/the\\_real\\_cost\\_of\\_solar\\_energy.html](http://www.americanthinker.com/2011/07/the_real_cost_of_solar_energy.html)

## **China almost doubles rare earth export quota**

By Staff Writers, AFP, July 14, 2011

[http://www.spacemart.com/reports/China\\_almost\\_doubles\\_rare\\_earth\\_export\\_quota\\_999.html](http://www.spacemart.com/reports/China_almost_doubles_rare_earth_export_quota_999.html)

## **New wind turbines said more efficient**

By Staff Writers, UPI, Jul 13, 2011

[http://www.winddaily.com/reports/New\\_wind\\_turbines\\_said\\_more\\_efficient\\_999.html](http://www.winddaily.com/reports/New_wind_turbines_said_more_efficient_999.html)

[SEPP Comment: Using less land area.]

## ***Carbon Schemes***

### **Utility Shelves Ambitious Plan to Limit Carbon**

By Matthew Wald and John Broder, NYT, Jul 13, 2011

[http://www.nytimes.com/2011/07/14/business/energy-environment/utility-shelves-plan-to-capture-carbon-dioxide.html?\\_r=1&nl=todaysheadlines&emc=tha2](http://www.nytimes.com/2011/07/14/business/energy-environment/utility-shelves-plan-to-capture-carbon-dioxide.html?_r=1&nl=todaysheadlines&emc=tha2)

[SEPP Comment: Carbon capture and storage cost too much.]

## **Bad Gas Policy**

By Robert Peltier, Power News, Jul 1, 2011

[http://www.powermag.com/issues/departments/speaking\\_of\\_power/Bad-Gas-Policy\\_3783.html?hq\\_e=el&hq\\_m=2241243&hq\\_l=13&hq\\_v=5e660500d0](http://www.powermag.com/issues/departments/speaking_of_power/Bad-Gas-Policy_3783.html?hq_e=el&hq_m=2241243&hq_l=13&hq_v=5e660500d0)

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

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

### **Challenges of Corals Living in the World’s Warmest Reefs**

Reference: Bauman, A.G., Baird, A.H. and Cavalcante, G.H. 2011. Coral reproduction in the world's warmest reefs: southern Persian Gulf (Dubai, United Arab Emirates). *Coral Reefs* 30: 405-413.

<http://www.nipccreport.org/articles/2011/jul/12jul2011a2.html>

### **Six Decades of River Flows in the U.S. Northern Rocky Mountains**

Reference: Arrigoni, A.S., Greenwood, M.C. and Moore, J.N. 2010. Relative impact of anthropogenic modifications versus climate change on the natural flow regimes of rivers in the Northern Rocky Mountains, United States. *Water Resources Research* 46: 10.1029/2010WR009162.

<http://www.nipccreport.org/articles/2011/jul/13jul2011a2.html>

[Arrigoni et al. determined that over the past 59 years "direct anthropogenic modifications of river basins by direct development (i.e., damming and irrigation) have substantially altered river flow regimes in the Northern Rocky Mountains," but they found that reported climate change in the western United States has

*not "generated statistically detectable changes in the flow regimes in the Northern Rocky Mountains over the period of record."]*

### **The Debilitating Disease of Climate Alarmism**

Reference: Searle, K. and Gow, K. 2011. Do concerns about climate change lead to distress?

*International Journal of Climate Change Strategies and Management* 2: 362-379.

<http://www.nipccreport.org/articles/2011/jul/12jul2011a1.html>

### **Extreme Autumn and Winter Storms of the British Isles**

Reference: Allan, R., Tett, S. and Alexander, L. 2009. Fluctuations in autumn-winter severe storms over the British Isles: 1920 to present. *International Journal of Climatology* 29: 357-371.

<http://www.nipccreport.org/articles/2011/jul/12jul2011a3.html>

### **Environmental Industry**

#### **Big Green wants to turn off our lights, A/C**

By: Examiner Editorial | 07/13/11 8:04 PM

<http://washingtonexaminer.com/opinion/editorials/local/2011/07/examiner-local-editorial-big-green-wants-turn-our-lights-ac>

Big Green Pharaohs want more bricks, no straw

By Ron Arnold, Washington Examiner, Jul 14, 2011

<http://washingtonexaminer.com/opinion/columnists/2011/07/big-green-pharaohs-want-more-bricks-no-straw>

#### **Harper faces green caliphate**

Kananaskis meeting should rise above ENGO misinformation campaign

By Peter Foster, Financial Post, Jul 12, 2011

<http://opinion.financialpost.com/2011/07/12/peter-foster-harper-faces-green-caliphate/>

*[SEPP Comment: Comments on the difference between Canada's National Energy Program in 1980 and an upcoming meeting to discuss national energy strategy. "Then, the main threat to the petroleum industry was economic nationalism; now it's radical environmentalism. Although both creeds are motivated by the same moralistic, authoritarian mentality, the good news is that the threat no longer comes from the policymakers themselves, at least at the national level."]*

### **Other Scientific News**

#### **WW2 bombing raids offer new insight into the effects of aviation on climate**

By Staff Writers, SPX, Jul 14, 2011

[http://www.terradaily.com/reports/WW2\\_bombing\\_raids\\_offer\\_new\\_insight\\_into\\_the\\_effects\\_of\\_aviation\\_on\\_climate\\_999.html](http://www.terradaily.com/reports/WW2_bombing_raids_offer_new_insight_into_the_effects_of_aviation_on_climate_999.html)

#### **With climate changes, polar bear and brown bear lineages intertwine**

By Staff Writers, SPX, Jul 15, 2011

[http://www.terradaily.com/reports/With\\_climate\\_changes\\_polar\\_bear\\_and\\_brown\\_bear\\_lineages\\_intertwine\\_999.html](http://www.terradaily.com/reports/With_climate_changes_polar_bear_and_brown_bear_lineages_intertwine_999.html)

#### **Global plant database set to promote biodiversity research and Earth-system sciences**

By Staff Writers, SPX, Jul 08, 2011

[http://www.terradaily.com/reports/Global\\_plant\\_database\\_set\\_to\\_promote\\_biodiversity\\_research\\_and\\_Earth\\_system\\_sciences\\_999.html](http://www.terradaily.com/reports/Global_plant_database_set_to_promote_biodiversity_research_and_Earth_system_sciences_999.html)

**Other News that May Be of Interest**

**Obituary – Hal Lewis**

Posted by Anthony Watts, WUWT, Jul 9, 2011

<http://wattsupwiththat.com/2011/07/09/obituary-hal-lewis/>

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**BELOW THE BOTTOM LINE:**

**Research set up fake global warming websites to study response**

By Anthony Watts, WUWT, Jul 11, 2011

<http://wattsupwiththat.com/2011/07/11/researchers-set-up-fake-global-warming-websites-to-study-response/>

**Researchers push the boundary with high carbon emission scenarios**

By Staff Writers, SPX, Jul 08, 2011

[http://www.energy-daily.com/reports/Researchers\\_push\\_the\\_boundary\\_with\\_high\\_carbon\\_emission\\_scenarios\\_999.html](http://www.energy-daily.com/reports/Researchers_push_the_boundary_with_high_carbon_emission_scenarios_999.html)

*[SEPP Comment: Pushing failed models to the extreme.]*

**Climate change reducing ocean's carbon dioxide uptake**

By Staff Writers, SPX, Jul 15, 2011

[http://www.terradaily.com/reports/Climate\\_change\\_reducing\\_ocean\\_carbon\\_dioxide\\_uptake\\_999.html](http://www.terradaily.com/reports/Climate_change_reducing_ocean_carbon_dioxide_uptake_999.html)

*[SEPP Comment: If the globe cools, will that reduce the capacity of oceans to hold dissolved gas?]*

**Couples required to plant trees before tying knot**

By Madonna Virola, Inquirer Southern Luzon, Jul 11, 2011 [H/t WUWT]

<http://newsinfo.inquirer.net/23138/couples-required-to-plant-trees-before-tying-knot>

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**ARTICLES:**

**1. A World Food Crisis?**

By S. Fred Singer, American Thinker, Jul 12, 2011

[http://www.americanthinker.com/2011/07/a\\_world\\_food\\_crisis.html](http://www.americanthinker.com/2011/07/a_world_food_crisis.html)

Forecasting world famines has become a favorite pastime for some: from the Reverend Thomas Malthus and more recently Paul Ehrlich to the Club of Rome and the Paddock brothers in the 1970s -- and of course, to Lester Brown, about once every decade. The latest disaster forecast comes to us from climate alarmists who focus on a world food crisis, supposedly as a consequence of global warming (GW). While there may well arise problems about world food, it is more than likely that a global warming -- if it does take place -- will increase food production rather than lower it. So rest easy: another crisis averted.

The main cause cited for a decrease is loss of soil moisture; but it should be obvious that any increase in global temperature will also increase evaporation from the oceans and therefore the total amount of global precipitation. GW is a perfect recipe for creating more fresh water, which according to the alarmists is badly needed. Of course, we cannot be sure where this precipitation will come down -- but neither can the alarmists. Sadly, our climate models are inadequate to handle regional problems -- and particularly bad when it comes to predicting precipitation.

Another reason for increased food production stems from the warmer temperatures themselves. Again, according to climate models, an increase in *average* global temperature points toward only a slight increase in the tropical zone -- with the major increases in higher latitudes, where climates tend to be more severe. (That of course is a common problem when one deals with averages.) So it may turn out that Canada and Siberia will see increases in crop production because of longer growing seasons, warmer growing temperatures, and fewer frosts -- but there will be little change at lower latitudes.

The final reason for improvements in agriculture stems of course from the increase in atmospheric carbon dioxide -- irrespective of its putative effects on climate. Carbon dioxide will continue to increase because of the burning of fossil fuels to create energy. The rate of future increase is not known with any degree of certainty; it depends on population growth, changes in economic activity, technology, and other factors.

But CO<sub>2</sub> is plant food and a natural fertilizer. Countless experiments conducted by agriculturalists in different nations have established that increased CO<sub>2</sub> levels not only speed up plant growth of crops and forests, but enable plants to do better under stressed conditions of drought, pollution, and attacks by insects and fungi.

Economists tell us that the problem of world hunger has to do mostly with the distribution of food resources rather than the total amount of production. Ultimately, it becomes a problem of having money to buy the food that is needed and having money to establish the transportation systems necessary to bring food from farms into the urban areas that people have moved to and will be moving to in the future.

Economics also tells us that there is a considerable cushion: consumption of meat. As grain prices rise because of scarcity, so will the price of grain-fed animals. But a higher price of meat will dampen the expected growing demand and so release more grain for direct human consumption.

But aside from these economic factors, the total amount of food available to hungry people can also be increased by better protection of the resource itself. Genetic Modification (GM) is developing food varieties that are resistant to water shortages and resistant to pests; but some nations are still resisting even while their people go hungry. (Kenya has just dropped its ban against GM crops.) In the meantime, the judicious application of chemical pesticides can help in preserving the food resource. Of great importance also is the use of fumigants, like methyl bromide, to protect grains against vermin and fungus. Improper storage and spoilage in shipping imposes huge losses and creates economic inefficiencies.

The world has done quite well in avoiding the anticipated Malthusian catastrophe for the past 200 years -- as population increased manifold -- from about one to more than six billion. All indications are that population growth is slowing down and that levels will peak well below ten billion within the next few decades. There is every reason therefore to view the world food problem with optimism.

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## **2. Politics has overtaken science at the EPA (The Daily Caller)**

By Gilbert Ross, M.D, Daily Caller, Jul 13, 2011 From ASCH

[http://acsh.org/healthissues/newsID.1954/healthissue\\_detail.asp](http://acsh.org/healthissues/newsID.1954/healthissue_detail.asp)

(Originally published in The Daily Caller on July 13, 2011)

Science depends on rigid observation and independent replication. So what happens when government bureaucrats — seeking to promote a political agenda while acting under the guise of protecting the environment and public health — systematically subordinate sound scientific principles to their own goals?

To answer that question, one need look no further than the Environmental Protection Agency (EPA), where unelected bureaucrats, led by the chemophobic Lisa Jackson, have decided to bypass Congress and avoid the possible change in administration in 2013 by rushing to complete an unprecedented number of major risk assessments ahead of the 2012 election. Those assessments, which will evaluate the danger of various chemicals, will have far-reaching public policy ramifications.

This shouldn't come as a surprise. Science often kowtows to politics in today's policy debates.

Activist groups, sensation-craving media and congressional demagogues have a friendly ear at the EPA when they call for stringent restrictions on safe and useful chemicals and products — products with



decades-long histories of harmless, widespread use. The attacks exploit public ignorance of the lack of science behind such terms as “endocrine disruptor,” “gender-bender,” and the latest mythological danger, “obesogens”—chemicals that allegedly can cause obesity. Another favorite distortion is the oft-heard claim that sperm counts, or “semen quality,” are declining due to chemicals in our environment. The only problem: Sperm counts are not declining. Cancer rates are declining, however, while longevity increases every year. Scientific groups worldwide confirm that disfavored chemicals like bisphenol-A are safe, but the message does not reach the activists, the media or the EPA.

In 2009, EPA bureaucrats issued a draft assessment of the toxicity of formaldehyde that warned of the chemical’s dangers. But the agency’s methodology was so shoddy that Sen. David Vitter (R-LA) called for a review by the respected National Academy of Sciences (NAS) as soon as the draft was made public. The NAS panel recently issued a sharply worded criticism of the EPA’s rushed methodology in evaluating formaldehyde’s toxicity. The NAS found the EPA’s practices to be in desperate need of “substantial revision” and expressed concern about “the persistence of problems encountered with [the Integrated Risk Information System] assessments over the years.” The NAS concluded that the EPA’s “criteria to identify evidence for selecting and evaluating studies” are fundamentally flawed.

This week, the EPA announced plans to improve the clarity and transparency of its risk assessment program. It says that in the future the data, methodology and decision criteria will be clearer and easier to understand. But given the serious problems in EPA methodology raised by the NAS, how can the EPA continue to conduct its chemical risk assessments in a business-as-usual manner? One reason is apparent: Politics has overtaken science at the EPA.

It’s easy — and politically correct — to call for chemical bans in order to “protect our children.” But from what, exactly? The Jackson-era EPA seems to love using the precautionary principle (“better safe than sorry”) to play whack-a-mole with various chemical “threats.” The ideologues blame chemicals for any ill that befalls us and for which medicine and science have not yet come up with a specific cause or cure. Their mantra is, “there are 80,000 chemicals in the environment and very few have been ‘tested,’ so how do we know they’re ‘safe’?” But most of these chemicals have been around for 50+ years, so why are we only now having more obesity or autism? But alarmism attracts media attention; logic doesn’t.

On June 30, Sen. Vitter and Sen. James Inhofe (R-OK) followed up on the NAS report with a highly detailed letter to Jackson asking her to restore “scientific integrity” to the risk assessment process.

“The economy and many of our fellow Americans are suffering,” the senators wrote. “To further perpetuate the problems of high unemployment and poverty without strong scientific and economic support for EPA’s calculated efforts would be unwise.”

Vitter and Inhofe deserve a response from Jackson — and so does the American public.

*Gilbert Ross, MD, is the Medical Director of the American Council on Science and Health, a public health, consumer-education consortium of over 380 scientists and physicians*

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### **3. The Green Economy Withers**

Editorial, IBD, Jul 14, 2011

<http://www.investors.com/NewsAndAnalysis/Article/578386/201107141854/The-Green-Economy-Withers.htm>

*[SEPP Comment: The economic thinking of green energy policy is bewildering. Washington can create prosperity by lowering the standards of living of most Americans by driving up energy costs.]*

**Energy:** Even after fudging numbers and ignoring the huge subsidies, a liberal think tank reports that growth in the alternative-energy sector lags the rest of the economy.

Green jobs were supposed to be our salvation, both for the earth and for the economy, according to the Obama administration. White House policy based on this flawed premise led to offshore and onshore drilling bans and the locking-up of energy-rich lands while huge alternative energy subsidies (aka "investments") found their way into the stimulus and other legislation.

As happens when government tries to pick winners and losers, the government lost — no, we all lost. As has happened in countries such as Spain, this misallocation of resources has succeeded only in stalling our economy as unemployment and debt grow.

In Spain's case, it was found that for every "green" job created, 2.2 jobs were lost in the rest of the economy.

Along comes the Brookings Institution with a report touting the fact that nearly 2.7 million people brought home paychecks in 2010 working in the "clean economy." That's a 3.4% increase in "green jobs" since 2003, and it sounds terrific until you realize the economy as a whole grew at a 4.2% rate over the same period.

As the folks at HotAir.com duly note, Brookings got to its conclusions by including, for example, all mass transit workers regardless of the actual energy source. They also lump in people such as organic farmers and nuclear energy workers, though the greenies have never touted nuclear energy as "clean" or nuclear jobs as "green."

Discounted is the role of government mandates and subsidies, without which the alternative energy sector would wither and die. A good many of these "green jobs" exist in the public sector of federal, state and local governments. And they come at huge expense.

A 2008 report by the Energy Department's Energy Information Administration reported that in 2007, while the average subsidy per megawatt hour for all energy sources was \$1.65, the subsidy for wind and solar was about \$24 per megawatt hour. On the nonelectricity generating side, ethanol received a subsidy of \$5.72 per million British thermal unit.

Remember Solyndra Inc., the first recipient of \$535 million of stimulus cash in 2009 to hire 1,000 workers for "green jobs"? The company had never shown a profit, and in the end the Fremont, Calif.-based solar panel manufacturer never came through.

A month after President Obama's visit, the company he praised withdrew its public offering plans. A few weeks later, congressional auditors announced that the Energy Department had given favorable treatment to some loan-guarantee applicants.

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#### **4. The Greens Just Love Us to Death**

By Alan Caruba, Warning Signs, Jul 9, 2011

<http://factsnotfantasy.blogspot.com/2011/07/greens-just-love-us-to-death.html>

*"It is an utter delusion to think the Earth cares about you even if you care deeply about it"*

The vote to end the \$6 billion in subsidies to ethanol producers reminded me how much Greens love us all. Surely only love could inspire taking corn and turning it into moonshine, and then mixing it with gasoline. The result caused food riots in far off nations while raising the cost of a gallon of gas every time we fill up at the pump. The ethanol mandates actually reduced the mileage a gallon will provide.

At some point, even the Greens grew disenchanted with ethanol and signaled their permission to end this costly boondoggle to our fearless leaders in Washington, D.C.

You may recall they got off to a strong start when the Environmental Protection Agency was established in 1970. Its first act was to ban DDT and the result of that has been the needless death of millions who could and should have been protected against malaria. The nation these days is experiencing a bed bug population explosion that could be stopped in six months if the EPA would only authorize a pesticide to kill the critters. They won't.

Nor have Greens given up on the Endangered Species Act which has not truly saved any species in the course of spending billions to protect, for example, a spotted owl that needed no protection whatever or gray wolves that were doing quite well in Canada and Mexico when not wandering across our borders. What the ESA did accomplish, however, was to thwart all manner of development, whether it was a new hospital or the irrigation of farms rumored to grow crops people wanted to eat. The latest proposed use of the ESA is to shut down one of the most productive oil reserves in the U.S. to protect a lizard!

These are the same saintly folk who have managed to get a law passed banning the sale of 100 watt incandescent light bulbs in favor of those twisty ones that come with a complete hazmat instruction manual because they contain mercury. The EPA fears mercury so much it is implementing regulations that have already led a utility to announce it is going to close several coal-fired plants rather than spend millions to rid emissions of mercury so small as to constitute no hazard whatever.

When not interfering with the free marketplace, agriculture, timber and other industries, one Green obsession has been energy and, in particular, oil and coal, which they deem "dirty." Coal is dirty. I used to shovel a bucket or two into the basement furnace until my folks turned to natural gas. The U.S. has billions of cubic feet of natural gas, but you get more mileage from a teaspoon of oil and more electricity from a tablespoon of coal than from any other source of energy.

The U.S. is the virtual Saudi Arabia of coal in terms of the vast reserves known to exist. We have billions of barrels of untapped oil as well. Greens are insanelly opposed to both.

Greens are all about not "wasting energy" so naturally that are advocates of two of the least practical ways of producing it, wind and solar energy. Together they comprise less than three percent of the electricity we use in America. In the process, they fill up acres of desert (where lizards and other endangered species live) with solar panels that only work when the sun is shining or defile other acres with huge, ugly wind turbines that chop all manner of birds and bats into confetti while also occasionally catching fire.

The only way to truly "conserve" energy is to not use it and in a nation where everything runs on electricity or gasoline, that means not turning on the lights or driving anywhere. That is a great way to destroy the economy. Getting more mileage from a gallon of gas is another Green fantasy. It has a finite amount, so that translates into making lighter, more dangerous cars.

The Greens have all manner of plans to save America's forests, swamps, and other areas from the taint of human beings actually having any access to them for any reason. Pretty soon you will have to settle for a

stroll in a local park if you want to see a stretch of grass or a bunch of trees. And please do not disturb the Canada Geese, they are a protected species.

The Greens are always fretting about the way members of the horrid human species are destroying the Earth or just endangering it in some fashion. They spent from the late 1980s to the end of the last decade caterwauling about a “global warming” that, in 1998, stopped happening.

Actually, the Earth had begun to warm again around 1850 after three hundred years of what was dubbed a Little Ice Age. Now scientists are warning that, due to a lack of sunspot activity, the Earth is looking to enter yet another Little Ice Age. Some even think we are looking at the big one because we are literally at the end of the 11,500 year cycle between ice ages. The last Ice Age lasted 100,000 years.

In case I didn't mention it, “global warming:” was a complete hoax, a fraud concocted by the United Nations Intergovernmental Panel on Climate Change in order to gin up a market for the sale and trade of “carbon credits.” Anyone—and I mean anyone—who tells you that humans are causing climate change is a charlatan or a dupe. Avoid them.

My general recommendation is to avoid anything that has the word “green” attached to it. You are being conned into spending more for something than necessary. Learn to love the concept of synthetic. Plastic, a product of petroleum, is synthetic and we use it everywhere for everything. It is one of the greatest inventions of all time.

You cannot “save the Earth.” The Earth is full of volcanoes, tornadoes, forest fires, floods, hurricanes, blizzards, droughts, earthquakes, and other completely natural activities, any or all of which can kill you. It is an utter delusion to think the Earth cares about you even if you care deeply about it.

This is not to say we should not have a profound respect for the Earth and the good sense to marvel at the beauty and majesty of its mountains, oceans, and other manifestations. Just remember to pack a sandwich and bring along a bottle of something to drink if you plan to wander into its “pristine” parts.

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## **5. Cellulosic Ethanol and Unicorns**

The EPA punishes oil refiners for not buying a product no one makes.

Editorial, WSJ, Jul 15, 2011

[http://online.wsj.com/article/SB10001424052702303406104576445752787189310.html?mod=WSJ\\_Opinion\\_AboveLEFTTop](http://online.wsj.com/article/SB10001424052702303406104576445752787189310.html?mod=WSJ_Opinion_AboveLEFTTop)

Today's pop quiz: What happens if the government mandates the consumption of a product that doesn't exist? Naturally, the Environmental Protection Agency has decided to punish the gasoline refiners because they can't buy a type of alternative fuel that no one is making. Consumers will be punished too.

The 2007 energy bill vastly increased the volume of corn ethanol that must be blended into gasoline, though it also included mandates for cellulosic ethanol. These are the second-generation fuels made from stocks like switchgrass or the wood chips that George W. Bush invoked in his 2006 State of the Union. At the time, no such fuels were being produced on a commercial scale, but cellulosic producers and the green lobby assured Congress they were just about to turn the corner, and both the Bush and Obama Administration furnished handsome subsidies.

The EPA set the 2011 standard at six million gallons. Reality hasn't cooperated. Zero gallons have been produced in the last six months and the corner isn't visible over the next six months either. The EPA has only approved a single plant to sell the stuff, operated by Range Fuels near Soperton, Georgia. The

company used to be a press corps favorite and has been lauded by the last two Presidents, but it shut down its cellulosic operations earlier this year to work through technical snafus.

In its wisdom, Congress decided that some companies should be penalized if the targets aren't met. But they're not the companies that importuned the government for mandates and corporate welfare. They're the U.S. oil refiners that make gasoline, which will end up buying six million cellulosic waivers by year's end at \$1.13 a pop. That's \$6.78 million in higher costs at the pump, in return for nothing.

That might not be much in the scheme of things, though late last month the EPA proposed a 2012 mandate that will fall somewhere between 3.55 million and 15.7 million gallons. Barring a miracle, cellulosic producers won't hit even the lower end, refiners and the driving public will continue to pay for the mistake, and the mandate will continue to ratchet up annually. Perhaps the EPA can also find someone to tax for the lack of unicorns.

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