



THE “GLOBAL COOLING” MELTDOWN

by William Thomas

That's not smoke you're smelling. This ship is unsinkable. This building cannot collapse. Wireless radiation is perfectly safe. Those persistent lines in the sky are normal jet trails. Go back to sleep, the party, the mall, your screens, your microwaves, your office. Everything's good.

Until it isn't.

Call them “Denialists”. Whenever calamity threatens they appear, sowing dissonance and disaster through denial and distraction. You'll find them at the head of every lynch mob stringing up any Paul Revere daring to sound a warning. Calving ice sheets, dying oceans, super typhoons – three if by sea!

Not so much.

They've hurt a lot of people over the centuries with their crackpot commentaries. Now, bolstered by bullheaded beliefs and powerful corporate agendas, protected by the impenetrable shield of righteousness, and financed with enough bankster loot to buy whorish “scientists”, sophisticated “spin doctors” and the nightly “news”, the Denialists are courting worldwide calamity.

These are not the nattering nabobs you want slapping switches on the bridge of the starship *Enterprise* as disaster looms. Or dising damage control onboard a spaceship protected by a paper-thin atmosphere as she hurtles at 67,642 miles per hour through the freezing irradiated vacuum of deep space on the precarious sunward edge of the [Goldilocks Zone](#).

Especially not while our bonny blue space colony is foundering on the implacable reefs of complacency and geophysics. It's all there in the fossil record and ice core data. And your front yard.

But who's keeping track? A Bush aide presented the Denialist position while lambasting a veteran *New York Times* reporter for focusing on “discernible reality”. “That's not the way the world really works anymore,” he crowed. “We’re an empire now... we create our own reality.” [[New York Times Oct 17/04](#)]

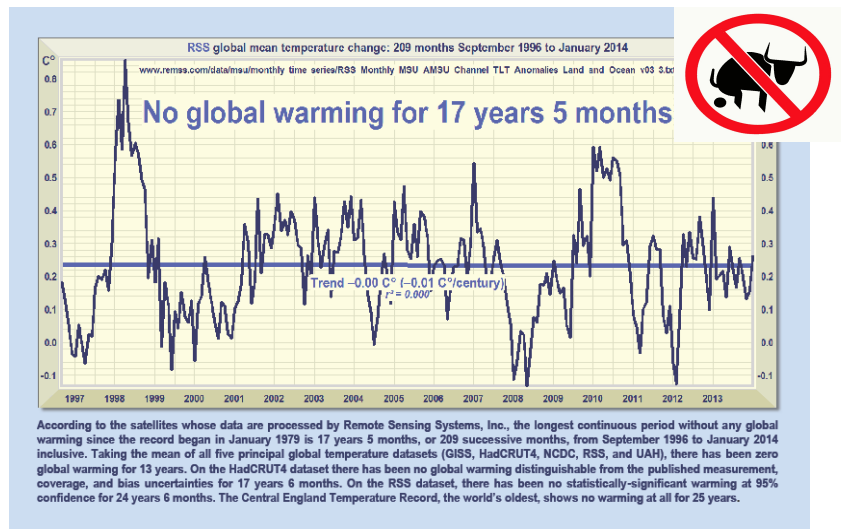
Good luck with that.

PUT THIS IN YOUR PIPELINE AND SMOKE IT

“The biggest problem with the catastrophic, anthropogenic, global warming fantasy is that it is... already delaying the Keystone Pipeline,” frets Peter Ferrara, stepping nimbly from the Conservative *Spectator* to the Republican One-Percenter's *Forbes*. Ferrara fingers last year's *Economist*, which baldly asserted, “Over the past 15 years air temperatures at the Earth's surface have been flat while greenhouse-gas emissions have continued to soar. [[Forbes Feb 24/1](#); [Economist Mar 30/13](#)]

Denialists love to show minus seasonal dips in upward-trending temperatures. Ferrara's accompanying graph averages annual temperature variations over 209 months – *not the actual temperatures*.

David Demming, a professor of arts and sciences at the University of Oklahoma bought the fleeting -0.1°C winter dips depicted on this goofy graph. “The mean global temperature has not risen in 17 years and has been slowly falling for approximately the past 10 years,” Demming deduced. [[Washington Times Jan 16/14](#)]



Demming dismissed the telltale 0.35°C total average global temperature rise over the last 40 years. But he understood cold tootsies.

“At the end of the first week in January, a brutal spell of cold weather settled over most of the country. Multiple cold-temperature records were shattered across the country. Some sites experienced frigid conditions not seen since the 19th century,” Demming accurately notes. “Temperatures in Chicago were so cold that a polar bear at the Lincoln Park Zoo had to be taken inside.” [[Washington Times Jan 16/14](#)]

Denialists consistently confuse short-term regional weather with long-term global climate trends. Even as temperatures dipped below -40°F in Minnesota and many parts of the Deep South deeply shivered in single digits, that same January (2014) saw global average land and sea temperatures jump 1.2°F above the 20th century average. Despite the geoengineers.

3.

THE WORLD IS COOLING, YES IT ISN'T

“In a warming world, how can it be so bitterly cold?” asks weather.com.

“We see more evidence that we will continue to have cold air outbreaks as the climate continues to warm,” answers Deke Arndt, a scientist at the National Climatic Data Center. But while North America's northeastern seaboard was registering a “brutal” winter, brutal warming continued in South America, Africa, Europe, the Indian Ocean, central Asia, Australia and the western Pacific. This January's high temperature for Fairbanks, Alaska averaged more than 16°F higher than old normal highs. [weather.com Feb 22/14]



“In our familiar climate, the polar jet stream flowed mostly west to east... separating cold dry Arctic air from lower latitude warmer moist air. In our present climate, the jet stream waviness has greatly increased and eastward average speed has decreased,” Sam Carana explains. “In early January there were only two troughs over North America and central Asia and two crests over Europe and the Pacific up through Alaska and the Bering Strait. The troughs had temperatures 20 degrees C cooler than normal, while the crests had temperatures 20 degrees C warmer than normal.” He's talking **68°F swings** from longstanding baselines. [Arctic News Jan/04]

Carana's numbers are actual readouts. Other numbers are more malleable. Five years ago, Denialists like Peter Ferrara were claiming “no net increase in global temperature for the past 30 years – or maybe even a slight decline.”

At that time, former British Government policy adviser Christopher Moncton was obtusely advising, “Global warming stopped 10 years ago. It hasn't gotten warmer since 1998. We're actually in a period,” he added, “of global cooling.” [Spectator Mar/09]



The Denialists had their mantra. And the geoengineers stepped up their climate confusion.

SUNSTROKE

Ascribing this unsubstantiated “global cooling” to ever-handy “sun spot cycles”, “variations in solar magnetic fields” and “the flux of cosmic rays,” Ferrara's *Forbe's* piece hit the gas as trespassed thresholds receded in our rear-view mirror. Go back to your couch and your coma, he soothed. “The now extended trend of no global warming is not turning around any time soon.” [Forbes Feb 24/14]

But slight solar cooling does *not* equal Earth-wide cooling. Without the cooling influence exerted by our currently somnolent sun, global warming would already be at runaway velocity. [Global rates of extinction](#) already are.

4.

Instead of entering an overdue ice age, Earth's sun-nudged glacial cycle is “being overridden by human activities, especially burning fossil fuels,” explains Mark McCaffrey, programs and policy director at the National Center for Science Education in California. Yarns about global cooling “are convenient for people to trot out and wave around,” he adds. But they miss the point.

The point, *Scientific American* observes, is that “human activity” – the burning of fossil fuels, deforestation, and widespread use of nitrogen-based industrial farming chemicals – “is having a massive influence. We are in the midst of this giant geoengineering experiment.” [[Scientific American Jan 10/14](#)]

Actually two geoengineering experiments. The *intentional* airborne efforts are only making matters worse by continuing to veil the true extent of pent-up warming hidden in previous global emissions.

CLOSING SLOPES AND MINDS

As “global cooling” flash-freezes susceptible minds, Wyoming has become the first state to block new science standards. Why? Because the revised standards would require students to understand climate change. [[Wyoming Star-Tribune Mar 14/14](#); [Truthout Apr 10/14](#)]

Meanwhile, severe drought and record winter heat have forced Oregon’s Mount Ashland Ski area to remain closed for its entire season this “winter”. [[NPR Mar 15/14](#)]

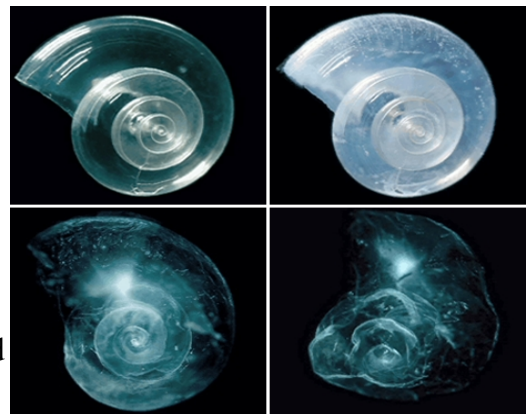


BIG GULP

Denialists insist that it doesn't matter how much heat-trapping CO2 we pour into our space colony's closed recirculating atmosphere because Mother Ocean obligingly swallows half of it. They never explain how turning the ocean into an oxygen-starved acid bath incapable of supporting life will turn out any better than it did last time, when almost every living organism ashore and afloat was killed. As in “extinct”.

(Pteropod at right dissolves in 45 days.)

An ocean made acidic by carbon absorbs less carbon. Now add warmer weather driving stronger winds making bigger waves. This is exposing deeper layers of water already saturated with carbon and unable to absorb much more from the atmosphere. This is not good news.



ICECAPADES

“It is true that the extent of sea ice at the North Pole is slightly below the 30-year average,” Demming half-admitted. As he spoke in January 2014, “almost the entire Arctic region was experiencing huge temperature anomalies – up to 36F above normal,” Sam Carana reported. [[Washington Times Jan 16/14](#); [Arctic News Jan/14](#)]

5.



Spreading icy mush does not equal a recovering ice sheet. By March 2014, “slight melting” became a curious characterization of Arctic sea ice volume, which satellites showed at the *2nd lowest extent on record*. Andy Lee Robinson is already calling this unprecedented winter meltdown, the [Arctic Death Spiral](#).

“This month, the sea ice will reach its highest volume, which may well be the lowest volume on record for April,” Sam Carana predicts. “There is a chance that there will be no ice left whatsoever later this year.” [[Arctic News Apr 8/14](#)]

An ice-free Arctic Ocean is currently taking place 30 years ahead of “worst-case” projections, which consistently ignore amplifying feedbacks. Among more than a dozen self-reinforcing events now occurring in the high Arctic, the shallow Arctic Ocean is quickly heating up from increased exposure to sunlight, and hotter ocean currents flowing in from both ends.

Release of methane from the seafloor of the Arctic Ocean will warm up the Arctic even further, triggering even more methane releases, as well as heatwaves, wildfires and further feedbacks, in a spiral of runaway warming that can only lead to starvation, destruction and extinction at massive scale across the globe. [[Arctic News Apr 8/14](#)]

Who really believes that kicking an increasingly oscillating climate with stepped-up geoengineering can contribute anything more than further instability?

“NO FURTHER WARMING”

Denialist hot air isn't helping. Prof. Judith Curry has somehow remained head of climate science at the Georgia Institute of Technology after stating flatly, “The flat trend in global surface temperatures may continue for another decade or two.” [[Spectator Mar 09](#)]

6.

After all, Ferrara finishes with a contemporary flourish, Britain's Met Office "conceded in December, 2012 that there would be no further warming at least through 2017." [[Forbes Feb 24/14](#)]

A curious assertion, since Met Office figures actually show that most years between 2013 and 2017 will most likely be hotter than those of the hottest year on record.

But after slightly scaling back these temperature projections because of an inexplicable uptick in sunlight-scattering aerosol emissions, the Met Office blew it by going public. Instantly, the Cooling Crazies were proclaiming this "proof" that global warming had *stopped*.

You wouldn't want these folks filling your bathtub. As anyone who has successfully done so knows, turning down the taps only *slows the rate of increase*. Temperatures are still rising steeply. The tub will still overflow. British forecasters still stand by their longer-term projections that anticipate significant warming throughout this Last Chance Century. [[Observer Jan 13/13](#)]

But don't listen to them.

"Despite what these liars tell you, the tide of scientific opinion is now turning against the idea that mankind is making a significant contribution to changes in global temperature," Dr. David Evans dissembles. Current data "establishes indisputably that global warming is not a fact today," Ferrara fulminates.



"Indisputably" must mean "widely challenged" in Denialese, since according to NASA, "Ninety-seven percent of climate scientists agree that climate-warming trends over the past century are very likely due to human activities." [[Global Research July 23/09: NASA](#)]

Another champion of confusion, sellout Greenpeace co-founder Patrick Moore recently told an appreciative Senate committee, "There is no scientific proof that human emissions of carbon dioxide are the dominant cause of the minor warming of the Earth's atmosphere over the past 100 years."

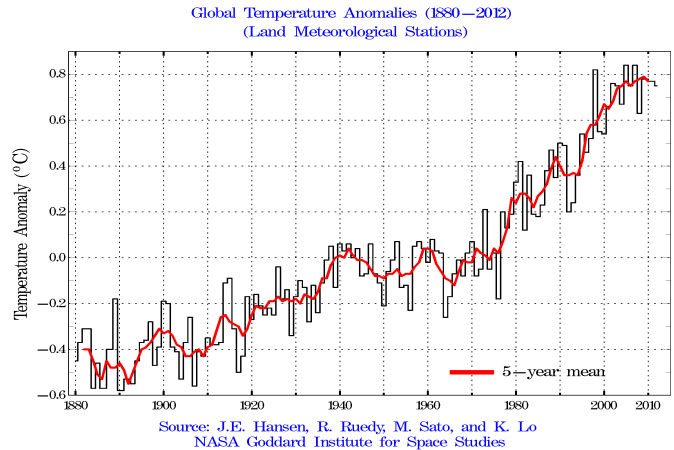
Minor warming indeed!



7.

TURNING UP THE HEAT

NASA's ground-level temperature readings are the ones to watch. Especially at sea, which includes most of this planet. "From Germany in the west to Yakutia in the east and from China in the south and on up to the North Pole," Sam Carana points out, NASA's Global Land-Ocean Temperature Index, March 2014 was the third hottest March on record with temperatures as much as 46F above usual averages."



Greenland recorded its highest temperature ever in 2013 – a balmy 79°F on July 30. As the glacial melting and splashing accelerate, more than three Chesapeake Bays' worth of freshwater are already melting off that doomsday isle every year. [[Washington Post Sept 10/13](#); [Truthout Apr 10/14](#)]

In Siberia, winter is now summer. By early April 2014, sections of Siberia were sweltering at 70°F. This is propelling fire outbreaks to an "ominous" early start, one-and-a-half months ahead of the now-obsolete "fire season".

According to "very concerned Russian officials," more than 2,000 hectares were already burning "on ground that should be frozen solid." [[Arctic News Mar/14](#)]

Despite decades of alleged "cooling" – and at least 16 years of "sun shield" aerosol spraying – the World Meteorological Organization reports that 13 of the warmest years on record have occurred in the past 14 years.

As the agency's secretary-general, Michel Jarraud observes, "Every decade has been warmer than the preceding one over the last 40 years. In other words, the decade 2001-2010 was warmer than the '90s, which in turn were warmer than the '80s, which were warmer than the '70s. All the best models were used for this study," he adds. "It is not possible to reproduce these heat waves in the models if you don't take into account human influence." [[WMO Report 2013](#)]

Human influences like Patrick Moore.

8.

The Oil Mafia's paid political puppets nodded enthusiastically in their Senate hearing room as Moore went to insist, "Today, we live in an unusually cold period in the history of life on Earth and there is no reason to believe that a warmer climate would be anything but beneficial for humans and the majority of other species." [[Global Climate Scam Feb 26/14](#)]

Remarkably, the room did not erupt in knee-slapping woo-haws as Moore pointed to the [Heartland Institute's](#) signed confession of group insanity. *Climate Change Reconsidered II* laboriously concludes that any warming human fossil-fools will someday trigger "is likely to be modest and cause no net harm to the global environment or to human well-being." [[Spectator Mar 09](#)]



No doubt this will be welcome news for officials in Wichita Falls, who in their fourth year of Texas-size drought are awaiting state regulatory approval to recycle effluent from their wastewater treatment plant so that parched residents can drink "potty water." [[Star-Telegram Mar 14/14](#); [Truthout Apr 10/14](#)]

[As falls Wichita...](#)

GOING HUNGRY

Heck, add Heartland's 50 "top scientists"... "The increase of CO2 in the atmosphere that has occurred due to human emissions has actually increased agricultural growth and output."

Such long-disproven happy talk will not be well received in Brazil, where after nine successive years of the most persistent drought in 500 years, impacts to farming are being categorized as "extreme".



The more CO2 = more food myth should bring a grim smile to Putin's puss, as the Russian wheat harvest continues its rapid spiral from an annual 61 million metric tons in 2009 to just 38 in 2012. With CO2-driven warming escalating drought, floods, cyclones and fires throughout the US, South America, Australia, Thailand, Malaysia, Indonesia, Africa, Europe and China, widespread crop failures are forcing countries like Russia to "curtail or cut off grain exports" reports the US Geological Survey. [[US Geological Survey Jan 14/11](#); [Robert Scribbler Apr 14/14](#)]

Tell me your bread and tortilla (and beef) prices are not hostage to geoengineering and climate change.

THE GALLUPING HERD

Back on the River De-Nile, the most recent [Gallup poll](#) has found that 7 in 10 U.S. citizens "believe" that human-induced climate shift will not seriously impact their lives. Six in 10 believe that the story of 950-year-old Noah [is literally true](#).

But reality bats last. Wild temperature swings of **72°F** within a day or two wreak havoc on fraying infrastructure as old rail tracks bearing heavy tar sands trains, pipelines bulging with even more crude, and concrete highways throughout the American South expand and contract... and crack. [[Arctic News Jan/14](#)]

So much for wishful thinking. Assembled by a special panel of more than 240 real scientists, the latest draft of the U.S. Government-commissioned [National Climate Assessment](#) reveals that the USA is already reeling under simultaneous impacts from the global warming Denialists insist is not happening. The cause of rising temperatures and their attendant mayhem “is due primarily to human activities, predominantly the burning of fossil fuel,” the report concludes.

Portending even more disruptive impacts to North American lives, the *National Climate Assessment* uses the words “threat” and “disrupt” (and variations) 318 times. After smacking themselves repeatedly over the head with this 1,146 page catalogue of documented doom, “readers will be under no illusions about what is happening to our planet,” the *Observer* wryly suggests. [[Observer Jan 13/13](#)]



As persistent drought deepens across orchards and farmlands in California and the American Southwest, the *Las Vegas Sun* is already reporting “higher food prices, water bills and utility rates, greater wildfire risk, shrinking communities, fewer jobs and weakening economies” as cascading climate crises collide with the “beliefs” of millions of U.S. citizens. [[Las Vegas Sun Mar 30/14](#)]

Going down is not going down well in Denial Land. “Open dialogue, based on facts, is not seen as something of inherent value. It may, in fact, create doubt, which undercuts faith,” explains Ron Suskind in the *New York Times*. [[New York Times Oct 17/04](#)]

Pushing back reality-based reality, President O-bomb-a could soon enact a law requiring federal weather agencies supplying data to weather networks across the nation to focus more on predicting storms and less on studying and reporting the climate changes driving these storms. Of course, without factoring in the source of rising temperatures driving weather – *and countervailing geoengineering efforts* – it will be impossible to accurately predict the resulting weather. [[New York Times Mar 17/14](#); [Truthout Apr 10/14](#)]

COOLING DROUGHTS?

Combine increasingly frantic attempts at climate engineering with a fragmented jetstream, and the results are costly, if not downright deadly.

Despite 15, 17, 10 or 30 years of rumoured global cooling, “more than 70% of the West – a zone spreading across 15 states – is experiencing some form of abnormal dryness or drought, with 11 drought-affected western and central states designated as primary natural disaster areas by the Agriculture Department,” the *Las Vegas Sun* sums up. Dipping a third intake straw into rapidly dropping Lake Mead will cost at least \$817 million and hasten its demise. The panicky scheme to divert groundwater from rural Nevada into Las Vegas mouths and lawns will run another \$3 billion. [[Las Vegas Sun Mar 30/14](#)]

With snowpack in the Sierra Nevada at just 12% of its annual average, and with 2013 notching up California's driest year on record, it's conceivable that even more finned, feathered, furred and two-legged lives will be impacted.

Having missed all those cooling calls, Gov. Jerry Brown has “declared a drought emergency, imploring residents to cut water use,” reports Dahr Jamail. California's central valley farmland, critical to the U.S. supply of fruit and vegetables, “appears to be on its last legs.”

The State Water Project has already announced “zero water allocation” to 25 million people and 750,000 acres of farmland,” the *Sun* adds, as deepening drought “threatens to cripple California’s \$44.7 billion agricultural industry, cutting yields and sending food prices soaring.” [[Truthout Apr 10/14](#)]

Can you say, impact?

It might be time to ask how many Californians have fallen for the global warming “hoax”. Or how much the “Solar Radiation Management” efforts they're constantly seeing overhead are contributing to further climate disruption.



MELTDOWN

Pedal to the metal, here's where we're hurtling with the banksters and Big Oil at the wheel:

The American Association for the Advancement of Science warns, "The rate of climate change now may be as fast as any extended warming period over the past 65 million years, and it is projected to accelerate in the coming decades."

Their latest report describes the risk "of abrupt, unpredictable, and potentially irreversible changes in the Earth's climate system with massively disruptive impacts" – including "large scale collapse of the Antarctic and Greenland ice sheets, collapse of part of the Gulf Stream, loss of the Amazon rain forest, die-off of coral reefs, and mass extinctions." [[Guardian Mar 18/14](#)]

In 20 years or less, Kilimanjaro and Mount Kenya and the tallest peaks in Africa will be bare rock, devoid of ice and snow. This will impact more than postcard sales.



While the Denialists rail against reality, polar amplification is in "very high gear" writes Robert Scribner. Thing is, sea ice reflects up to 70% of incoming solar energy; thick sea ice covered with snow reflects as much as 90%. But when that ice melts, the cradle will fall – exposed dark open ocean waters reflect only 6% of the incoming solar radiation. [[NSIDC](#)]

It absorbs the rest.

Yet another new NASA study shows the melt season for Arctic sea ice is lengthening by several days each decade, allowing the Arctic Ocean to absorb enough additional solar radiation to melt as much as *four feet* of the Arctic ice cap's thickness in some places. [[NASA Apr 1/14](#)]

While President O-bomb-a remains intent on starting wars with Russia and China, an even bigger conflict has already started. In Earth vs. Everyone Else, our spacecraft's interlinked ocean and atmosphere are not "warming". They are "heating up fast". "Climate change" is no longer a game-changing threat. "Climate Shift" *exacerbated by atmospheric geoengineering* could be the game-ender.

PICK-A-NUMBER

Denialists insist, "A warming of even 3 degrees C in the next 100 years would, on balance, be beneficial to humans." [[Spectator Mar/09](#)]



"A rise of around 3°C could be extremely damaging," *The Economist's* scientific sources rebut.

As for waiting another 100 years to experience drastic effects from climate engineering and climate shift, fugitaboutit.

"People alive today could live to see a 4C rise," warns Richard Betts, head of climate impacts at the Hadley Centre Met Office. A 4°C rise over pre-industrial levels, Hadley scientists suspect, could dry up water supplies for half the world's population, wipe out half of animal and plant species, and swamp low-lying coasts. (Not too shabby, considering the Denialists' "no further warming, no net harm" scenario.) The Arctic and western and southern Africa could experience warming up to 10°C, the Met Office mentions. [[Guardian Sept 27/09](#)]

Writing for *Global Policy*, Michael Jennings concludes that "a suite of amplifying feedback mechanisms, such as massive methane leaks from the sub-sea Arctic Ocean, have engaged and are probably unstoppable." During a follow-up radio interview, Jennings admitted that "Earth's climate is already beyond the worst scenarios." [[Global Policy Sept 3/12](#); [Ecoshock Radio Mar/14](#)]

NASA's numbers corroborate Jennings' jeremiad, showing that Earth's long-term warming is continuing to pace worst-case scenarios. "All the evidence now agrees that future warming is likely to be towards the high end of our estimates," says NASA climatologist Drew Shindell. Look for an *average* global temperature increase of 9°F by the end of this Last Chance Century. [[NASA Press Release Mar/14](#)]

A *Nature* study on climate sensitivity has independently confirmed that we are headed toward a "most-likely warming of roughly 9°F above current temperatures – 11°F above preindustrial temperatures – by 2100." [[Nature Jan 1/14](#)]

The last time our space colony was 11°F hotter, "There were snakes the size of yellow school buses in the Amazon," observes Guy McPherson, Professor Emeritus of Evolutionary Biology, Natural Resources And Ecology at U. of Arizona. "The largest mammal was the size of a shrew. And the rise in temperature occurred over thousands of years, not decades. I doubt mammals survive – and certainly not large-bodied mammals."

This figure could be obsolete. A National Center for Atmospheric Research study has just "found that carbon dioxide may have at least twice the effect on global temperatures than currently projected by computer models of global climate." This means that current emission rates may lead to a species-frying 61° F rise by the end of the century.



McPherson fearsomely continues: “Rapid rise to 4C eliminates all or nearly all plankton in the ocean, along with a majority of land plants. The latter cannot keep up with rapid change. The former will be acidified out of existence. At 16C (61F), your guess is as good as mine. But humans will not be involved.”
[\[Truthout Apr 10/14\]](#)

Cinch up your lifejackets. Moisture is set to return big time as that vast pool of hot water moving across from the Western Pacific continues to surface like the sea-monster it is off the Mexico-U.S. coast.

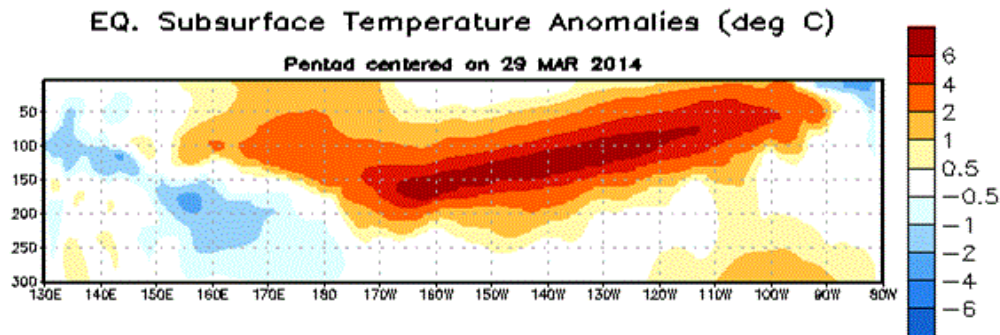


Figure 4. Depth-longitude section of equatorial Pacific upper-ocean (0-300m) temperature anomalies ($^{\circ}\text{C}$) centered on the pentad of 29 March 2014. The anomalies are averaged between 5°N - 5°S . Anomalies are departures from the 1981-2010 base period pentad means.

The emergence of a *Super-El Niño* later this year could see extraordinarily intense rainfall, causing major floods, more landslides, misery, starvation, deaths and denial as still more topsoil is washed away from dust-dry croplands and charred forests. Some are already referring to “Ark Storm-like” conditions.

Without the ark.

