

***A Skeptic's Guide to Debunking
Global Warming Alarmism***

Hot & Cold Media Spin Cycle:



A Challenge to Journalists who Cover Global Warming

***United States Senator James Inhofe
Chairman, Senate Committee on Environment and Public Works***

***Senate Floor Speech Delivered Monday September 25, 2006
and Global Warming Related Materials***

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Senator James M. Inhofe, Chairman
EPW Web site: www.epw.senate.gov

Contact: Marc Morano 202-224-5762 marc_morano@epw.senate.gov Matt Dempsey 202-224-9797 matthew_dempsey@epw.senate.gov

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Hot & Cold Media Spin Cycle:

A Challenge to Journalists Who Cover Global Warming

Senator James Inhofe, Chairman, Senate Environment and Public Works Committee

Senate Floor Speech Delivered Monday September 25, 2006

I am going to speak today about the most media-hyped environmental issue of all time, global warming. I have spoken more about global warming than any other politician in Washington today. My speech will be a bit different from the previous seven floor speeches, as I focus not only on the science, but on the media's coverage of climate change.

Global Warming -- just that term evokes many members in this chamber, the media, Hollywood elites and our pop culture to nod their heads and fret about an impending climate disaster. As the senator who has spent more time speaking about the facts regarding global warming, I want to address some of the recent media coverage of global warming and Hollywood's involvement in the issue. And of course I will also discuss former Vice President Al Gore's movie "An Inconvenient Truth."

Since 1895, the media has alternated between global cooling and warming scares during four separate and sometimes overlapping time periods. From 1895 until the 1930's the media peddled a coming ice age.

From the late 1920's until the 1960's they warned of global warming. From the 1950's until the 1970's they warned us again of a coming ice age. This makes modern global warming the fourth estate's fourth attempt to promote opposing climate change fears during the last 100 years.

Recently, advocates of alarmism have grown increasingly desperate to try to convince the public that global warming is the greatest moral issue of our generation. Last year, the vice president of London's Royal Society sent a chilling letter to the media encouraging them to stifle the voices of scientists skeptical of climate alarmism.

During the past year, the American people have been served up an unprecedented parade of environmental alarmism by the media and entertainment industry, which link every possible weather event to global warming. The year 2006 saw many major organs of the media dismiss any pretense of balance and objectivity on climate change coverage and instead crossed squarely into global warming advocacy.

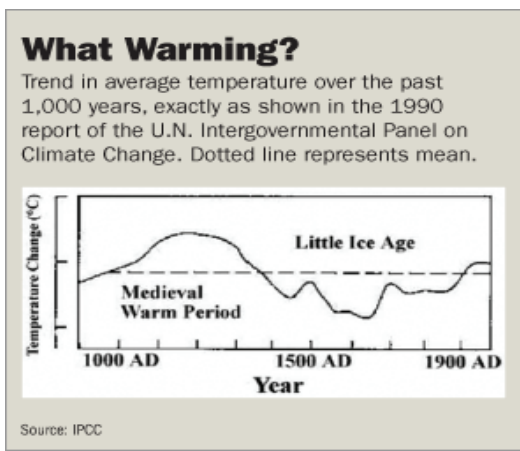
SUMMARY OF LATEST DEVELOPMENTS OF MANMADE GLOBAL WARMING HOCKEY STICK

First, I would like to summarize some of the recent developments in the controversy over whether or not humans have created a climate catastrophe. One of the key aspects that the United Nations, environmental groups and the media have promoted as the "smoking gun" of proof of catastrophic global warming is the so-called 'hockey stick' temperature graph by climate scientist Michael Mann and his colleagues.

This graph purported to show that temperatures in the Northern Hemisphere remained relatively stable over 900 years, then spiked upward in the 20th century presumably due to human activity. Mann, who also co-publishes a global warming propaganda blog reportedly set up with the help of an environmental group, had his “Hockey Stick” come under severe scrutiny.

The “hockey stick” was completely and thoroughly broken once and for all in 2006. Several years ago, two Canadian researchers tore apart the statistical foundation for the hockey stick. In 2006, both the National Academy of Sciences and an independent researcher further refuted the foundation of the “hockey stick.” <http://epw.senate.gov/pressitem.cfm?party=rep&id=257697>

The National Academy of Sciences report reaffirmed the existence of the Medieval Warm Period from about 900 AD to 1300 AD and the Little Ice Age from about 1500 to 1850. Both of these periods occurred long before the invention of the SUV or human industrial activity could have possibly impacted the Earth’s climate. In fact, scientists believe the Earth was warmer than today during the Medieval Warm Period, when the Vikings grew crops in Greenland.



Climate alarmists have been attempting to erase the inconvenient Medieval Warm Period from the Earth’s climate history for at least a decade. David Deming, an assistant professor at the University of Oklahoma’s College of Geosciences, can testify first hand about this effort. Dr. Deming was welcomed into the close-knit group of global warming believers after he published a paper in 1995 that noted some warming in the 20th century. Deming says he was subsequently contacted by a prominent global warming alarmist and told point blank “We have to get rid of the Medieval Warm Period.” When the “Hockey Stick” first appeared in 1998, it did just that.

END OF LITTLE ICE AGE MEANS WARMING

The media have missed the big pieces of the puzzle when it comes to the Earth’s temperatures and mankind’s carbon dioxide (CO₂) emissions. It is very simplistic to feign horror and say the one degree Fahrenheit temperature increase during the 20th century means we are all doomed. First of all, the one degree Fahrenheit rise coincided with the greatest advancement of living standards, life expectancy, food production and human health in the history of our planet. So it is hard to argue that the global warming we experienced in the 20th century was somehow negative or part of a catastrophic trend.

Second, what the climate alarmists and their advocates in the media have continued to ignore is the fact that the Little Ice Age, which resulted in harsh winters which froze New York Harbor and caused untold deaths, ended about 1850. So trying to prove man-made global warming by comparing the well-known fact that today’s temperatures are warmer than during the Little Ice Age is akin to comparing summer to winter to show a catastrophic temperature trend.

In addition, something that the media almost never addresses are the holes in the theory that CO₂ has been the driving force in global warming. Alarmists fail to adequately explain why temperatures began warming at the end of the Little Ice Age in about 1850, long before man-made CO₂ emissions could have impacted the climate. Then about 1940, just as man-made CO₂ emissions rose sharply, the

temperatures began a decline that lasted until the 1970's, prompting the media and many scientists to fear a coming ice age.

Let me repeat, temperatures got colder after CO2 emissions exploded. If CO2 is the driving force of global climate change, why do so many in the media ignore the many skeptical scientists who cite these rather obvious inconvenient truths?

SIXTY SCIENTISTS

My skeptical views on man-made catastrophic global warming have only strengthened as new science comes in. There have been recent findings in peer-reviewed literature over the last few years showing that the Antarctic is getting colder and the ice is growing and a new study in Geophysical Research Letters found that the sun was responsible for 50% of 20th century warming.

Recently, many scientists, including a leading member of the Russian Academy of Sciences, predicted long-term global cooling may be on the horizon due to a projected decrease in the sun's output.

A letter sent to the Canadian Prime Minister on April 6 of this year by 60 prominent scientists who question the basis for climate alarmism, clearly explains the current state of scientific knowledge on global warming.

The 60 scientists wrote:

<http://www.canada.com/nationalpost/financialpost/story.html?id=3711460e-bd5a-475d-a6be-4db87559d605>

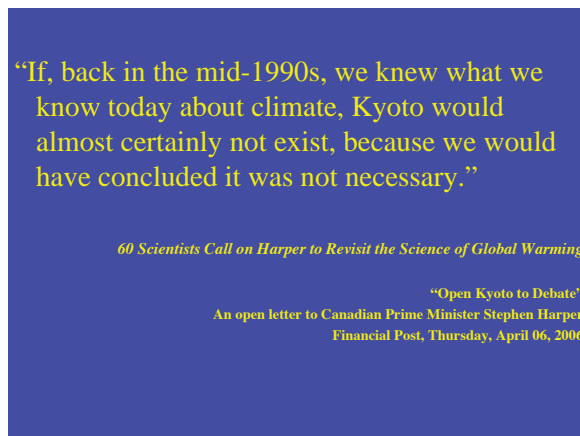
"If, back in the mid-1990s, we knew what we know today about climate, Kyoto would almost certainly not exist, because we would have concluded it was not necessary." The letter also noted:

"'Climate change is real' is a meaningless phrase used repeatedly by activists to convince the public that a climate catastrophe is looming and humanity is the cause. Neither of these fears is justified. Global climate changes occur all the time due to natural causes and the human impact still remains impossible to distinguish from this natural 'noise.'"

COMPUTER MODELS THREATEN EARTH

One of the ways alarmists have pounded this mantra of "consensus" on global warming into our pop culture is through the use of computer models which project future calamity. But the science is simply not there to place so much faith in scary computer model scenarios which extrapolate the current and projected buildup of greenhouse gases in the atmosphere and conclude that the planet faces certain doom.

Dr. Vincent Gray, a research scientist and a 2001 reviewer with the UN's Intergovernmental Panel on Climate Change (IPCC) has noted, "The effects of aerosols, and their uncertainties, are such as to nullify completely the reliability of any of the climate models."



Earlier this year, the director of the International Arctic Research Center in Fairbanks Alaska, testified to Congress that highly publicized climate models showing a disappearing Arctic were nothing more than “science fiction.”

In fact, after years of hearing about the computer generated scary scenarios about the future of our planet, I now believe that the greatest climate threat we face may be coming from alarmist computer models.

This threat is originating from the software installed on the hard drives of the publicity and grant seeking climate modelers.

It is long past the time for us to separate climate change fact from hysteria.

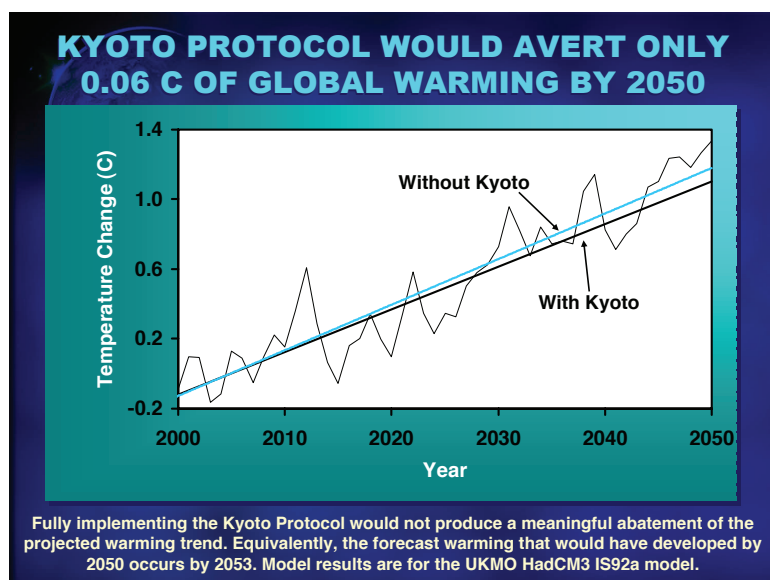
KYOTO: ECONOMIC PAIN FOR NO CLIMATE GAIN

One final point on the science of climate change: I am approached by many in the media and others who ask, “What if you are wrong to doubt the dire global warming predictions? Will you be able to live with yourself for opposing the Kyoto Protocol?”

My answer is blunt. The history of the modern environmental movement is chock full of predictions of doom that never came true. We have all heard the dire predictions about the threat of overpopulation, resource scarcity, mass starvation, and the projected death of our oceans. None of these predictions came true, yet it never stopped the doomsayers from continuing to predict a dire environmental future.

The more the eco-doomsayers’ predictions fail, the more the eco-doomsayers predict.

These failed predictions are just one reason I respect the serious scientists out there today debunking the



“The effects of aerosols and their uncertainties, are such as to nullify completely the reliability of any climate models.”

Dr. Vincent Gray
Climate researcher and IPCC reviewer

latest scaremongering on climate change. Scientists like MIT’s Richard Lindzen, former Colorado State climatologist Roger Pielke, Sr., the University of Alabama’s Roy Spencer and John Christy, Virginia State Climatologist Patrick Michaels, Colorado State University’s William Gray, atmospheric physicist S. Fred Singer, Willie Soon of the Harvard-Smithsonian Center for Astrophysics, Oregon State climatologist George Taylor and astrophysicist Sallie Baliunas, to name a few.

But more importantly, it is the global warming alarmists who should be asked

the question -- “What if they are correct about man-made catastrophic global warming?” -- because they have come up with no meaningful solution to their supposed climate crisis in the two decades that they have been hyping this issue.

If the alarmists truly believe that man-made greenhouse gas emissions are dooming the planet, then they must face up to the fact that symbolism does not solve a supposed climate crisis.

The alarmists freely concede that the Kyoto Protocol, even if fully ratified and complied with, would not have any meaningful impact on global temperatures. And keep in mind that Kyoto is not even close to being complied with by many of the nations that ratified it, including 13 of the EU-15 nations that are not going to meet their emission reduction promises.

Many of the nations that ratified Kyoto are now realizing what I have been saying all along: The Kyoto Protocol is a lot of economic pain for no climate gain.

Legislation that has been proposed in this chamber would have even less of a temperature effect than Kyoto’s undetectable impact. And more recently, global warming alarmists and the media have been praising California for taking action to limit CO₂. But here again: This costly feel-good California measure, which is actually far less severe than Kyoto, will have no impact on the climate -- only the economy.

Symbolism does not solve a climate crisis.

In addition, we now have many environmentalists and Hollywood celebrities, like Laurie David, who have been advocating measures like changing standard light bulbs in your home to fluorescents to help avert global warming. Changing to more energy-efficient light bulbs is a fine thing to do, but to somehow imply we can avert a climate disaster by these actions is absurd.

Once again, symbolism does not solve a climate crisis.

But this symbolism may be hiding a dark side. While greenhouse gas limiting proposals may cost the industrialized West trillions of dollars, it is the effect on the developing world’s poor that is being lost in this debate.

The Kyoto Protocol’s post 2012 agenda which mandates that the developing world be subjected to restrictions on greenhouse gases could have the potential to severely restrict development in regions of the world like Africa, Asia and South America -- where some of the Earth’s most energy-deprived people currently reside.

Expanding basic necessities like running water and electricity in the developing world are seen by many in the green movement as a threat to the planet’s health that must be avoided.

Energy poverty equals a life of back-breaking poverty and premature death.

“Kyoto represents the first component of an authentic global governance”

French President Jacques Chirac
at the Hague
in November of 2000

If we allow scientifically unfounded fears of global warming to influence policy makers to restrict future energy production and the creation of basic infrastructure in the developing world -- billions of people will continue to suffer.

Last week my committee heard testimony from Danish statistician Bjorn Lomborg, who was once a committed left-wing environmentalist until he realized that so much of what that movement preached was based on bad science. Lomborg wrote a book called "The Skeptical Environmentalist" and has organized some of the world's top Nobel Laureates to form the 2004 "Copenhagen Consensus" which ranked the world's most pressing problems. <http://www.copenhagenconsensus.com/Default.aspx?ID=158>

And guess what?

They placed global warming at the bottom of the list in terms of our planet's priorities. The "Copenhagen Consensus" found that the most important priorities of our planet included: combating disease, stopping malaria, securing clean water, and building infrastructure to help lift the developing nations out of poverty. I have made many trips to Africa, and once you see the devastating poverty that has a grip on that continent, you quickly realize that fears about global warming are severely misguided.

I firmly believe that when the history of our era is written, future generations will look back with puzzlement and wonder why we spent so much time and effort on global warming fears and pointless solutions like the Kyoto Protocol.

French President Jacques Chirac provided the key clue as to why so many in the international community still revere the Kyoto Protocol, who in 2000 said Kyoto represents "the first component of an authentic global governance."

Furthermore, if your goal is to limit CO2 emissions, the only effective way to go about it is the use of cleaner, more efficient technologies that will meet the energy demands of this century and beyond.

The Bush administration and my Environment and Public Works Committee have been engaged in these efforts as we work to expand nuclear power and promote the Asia-Pacific Partnership. This partnership stresses the sharing of new technology among member nations including three of the world's top 10 emitters -- China, India and South Korea -- all of whom are exempt from Kyoto.

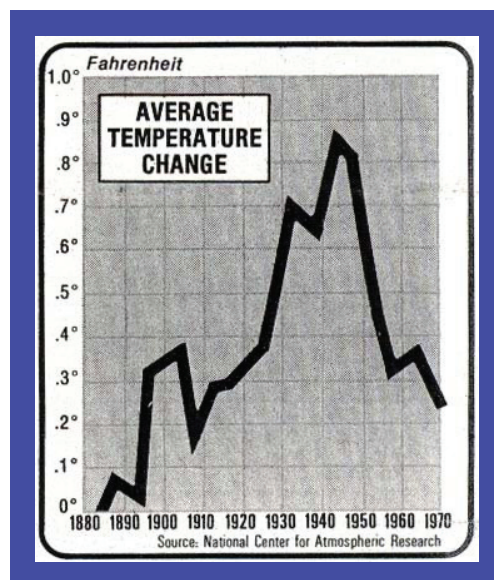
MEDIA COVERAGE OF CLIMATE CHANGE:

Many in the media, as I noted earlier, have taken it upon themselves to drop all pretense of balance on global warming and instead become committed advocates for the issue.

Here is a quote from Newsweek magazine:

"There are ominous signs that the Earth's weather patterns have begun to change dramatically and that these changes may portend a drastic decline in food production-- with serious political implications for just about every nation on Earth."

A headline in the New York Times reads: "Climate Changes Endanger World's Food Output." Here is a quote from Time Magazine:



“As they review the bizarre and unpredictable weather pattern of the past several years, a growing number of scientists are beginning to suspect that many seemingly contradictory meteorological fluctuations are actually part of a global climatic upheaval.”

All of this sounds very ominous. That is, until you realize that the three quotes I just read were from articles in 1975 editions of Newsweek Magazine and The New York Times, and Time Magazine in 1974. <http://time-proxy.yaga.com/time/archive/printout/0,23657,944914,00.html>

They weren't referring to global warming; they were warning of a coming ice age.

Let me repeat, all three of those quotes were published in the 1970's and warned of a coming ice age.



In addition to global cooling fears, Time Magazine has also reported on global warming. Here is an example:

“[Those] who claim that winters were harder when they were boys are quite right... weathermen have no doubt that the world at least for the time being is growing warmer.”

Before you think that this is just another example of the media promoting Vice President Gore's movie, you need to know that the quote I just read you from Time Magazine was not a recent quote; it was from January 2, 1939.

Yes, in 1939. Nine years before Vice President Gore was born and over three decades before Time Magazine began hyping a coming ice age and almost five decades before they returned to hyping global warming.

Time Magazine in 1951 pointed to receding permafrost in Russia as proof that the planet was warming.

In 1952, the New York Times noted that the “trump card” of global warming “has been the melting glaciers.”

BUT MEDIA COULD NOT DECIDE BETWEEN WARMING OR COOLING SCARES

There are many more examples of the media and scientists flip-flopping between warming and cooling scares.

Here is a quote from the New York Times reporting on fears of an approaching ice age.

“Geologists Think the World May be Frozen Up Again.”

That sentence appeared over 100 years ago in the February 24, 1895 edition of the New York Times.

Let me repeat. 1895, not 1995.

A front page article in the October 7, 1912 New York Times, just a few months after the Titanic struck an iceberg and sank, declared that a prominent professor “Warns Us of an Encroaching Ice Age.”

The very same day in 1912, the Los Angeles Times ran an article warning that the “Human race will have to fight for its existence against cold.” An August 10, 1923 Washington Post article declared: “Ice Age Coming Here.”

By the 1930’s, the media took a break from reporting on the coming ice age and instead switched gears to promoting global warming:

“America in Longest Warm Spell Since 1776; Temperature Line Records a 25-year Rise” stated an article in the New York Times on March 27, 1933. The media of yesteryear was also not above injecting large amounts of fear and alarmism into their climate articles.

An August 9, 1923 front page article in the Chicago Tribune declared:

“Scientist Says Arctic Ice Will Wipe Out Canada.” The article quoted a Yale University professor who predicted that large parts of Europe and Asia would be “wiped out” and Switzerland would be “entirely obliterated.”

A December 29, 1974 New York Times article on global cooling reported that climatologists believed “the facts of the present climate change are such that the most optimistic experts would assign near certainty to major crop failure in a decade.”

The article also warned that unless government officials reacted to the coming catastrophe, “mass deaths by starvation and probably in anarchy and violence” would result. In 1975, the New York Times reported that “A major cooling [was] widely considered to be inevitable.” These past predictions of doom have a familiar ring, don’t they? They sound strikingly similar to our modern media promotion of former Vice president’s brand of climate alarmism.

After more than a century of alternating between global cooling and warming, one would think that this media history would serve a cautionary tale for today’s voices in the media and scientific community who are promoting yet another round of eco-doom.

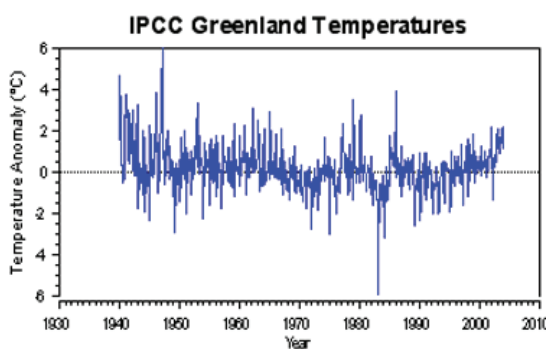
Much of the 100-year media history on climate change that I have documented here today can be found in a publication titled “Fire and Ice” from the Business and Media Institute. http://www.businessandmedia.org/specialreports/2006/fireandice/fireandice_timeswarns.asp

MEDIA COVERAGE IN 2006

Which raises the question: Has this embarrassing 100-year documented legacy of coverage on what turned out to be trendy climate science theories made the media more skeptical of today’s sensational promoters of global warming?

You be the judge.

On February 19th of this year, CBS News’s “60 Minutes” produced a segment on the North Pole. The segment was a completely one-sided report, alleging rapid and unprecedented melting at the polar cap. <http://www.cbsnews.com/stories/2006/02/16/60minutes/main1323169.shtml>



It even featured correspondent Scott Pelley claiming that the ice in Greenland was melting so fast, that he barely got off an ice-berg before it collapsed into the water.

“60 Minutes” failed to inform its viewers that a 2005 study by a scientist named Ola Johannessen and his colleagues showing that the interior of Greenland is gaining ice and mass and that according to scientists, the Arctic was warmer in the 1930’s than today.

On March 19th of this year “60 Minutes” profiled NASA scientist and alarmist James Hansen, who was once again making allegations of being censored by the Bush administration. <http://www.cbsnews.com/stories/2006/03/17/60minutes/main1415985.shtml>

In this segment, objectivity and balance were again tossed aside in favor of a one-sided glowing profile of Hansen.

The “60 Minutes” segment made no mention of Hansen’s partisan ties to former Democrat Vice President Al Gore or Hansen’s receiving of a grant of a quarter of a million dollars from the left-wing Heinz Foundation run by Teresa Heinz Kerry. There was also no mention of Hansen’s subsequent endorsement of her husband John Kerry for President in 2004. http://www.columbia.edu/~jeh1/dai_complete.pdf

Many in the media dwell on any industry support given to so-called climate skeptics, but the same media completely fail to note Hansen’s huge grant from the left-wing Heinz Foundation. <http://www.heinzawards.net/speechDetail.asp?speechID=6>

The foundation’s money originated from the Heinz family ketchup fortune. So it appears that the media makes a distinction between oil money and ketchup money.

“60 Minutes” also did not inform viewers that Hansen appeared to concede in a 2003 issue of Natural Science that the use of “extreme scenarios” to dramatize climate change “may have been appropriate at one time” to drive the public’s attention to the issue. http://naturalscience.com/ns/articles/01-16/ns_jeh6.html

Why would “60 Minutes” ignore the basic tenets of journalism, which call for objectivity and balance in sourcing, and do such one-sided segments? The answer was provided by correspondent Scott Pelley. Pelley told the CBS News website that he justified excluding scientists skeptical of global warming alarmism from his segments because he considers skeptics to be the equivalent of “Holocaust deniers.” <http://www.cbsnews.com/blogs/2006/03/22/publiceye/entry1431768.shtml>

This year also saw a New York Times reporter write a children’s book entitled “The North Pole Was Here.” The author of the book, New York Times reporter Andrew Revkin, wrote that it may someday be “easier to sail to than stand on” the North Pole in summer. So here we have a very prominent environmental reporter for the New York Times who is promoting aspects of global warming alarmism in a book aimed at children.

TIME MAGAZINE HYPES ALARMISM

In April of this year, Time Magazine devoted an issue to global warming alarmism titled “Be Worried, Be Very Worried.” <http://www.time.com/time/covers/0,16641,20060403,00.html>

This is the same Time Magazine which first warned of a coming ice age in 1920's before switching to warning about global warming in the 1930's before switching yet again to promoting the 1970's coming ice age scare.

The April 3, 2006 global warming special report of Time Magazine was a prime example of the media's shortcomings, as the magazine cited partisan left-wing environmental groups with a vested financial interest in hyping alarmism.

Headlines blared:

“More and More Land is Being Devastated by Drought”

“Earth at the Tipping Point”

“The Climate is Crashing.”

Time Magazine did not make the slightest attempt to balance its reporting with any views with scientists skeptical of this alleged climate apocalypse.

I don't have journalism training, but I dare say calling a bunch of environmental groups with an obvious fund-raising agenda and asking them to make wild speculations on how bad global warming might become, is nothing more than advocacy for their left-wing causes. It is a violation of basic journalistic standards.

To his credit, New York Times reporter Revkin saw fit to criticize Time Magazine for its embarrassing coverage of climate science. <http://orient.bowdoin.edu/orient/article.php?date=2006-04-28&ion=1&id=7>

So in the end, Time's cover story title of “Be Worried, Be Very Worried,” appears to have been apt. The American people should be worried --- very worried -- of such shoddy journalism.

AL GORE INCONVENIENT TRUTH

In May, our nation was exposed to perhaps one of the slickest science propaganda films of all time: former Vice President Gore's “An Inconvenient Truth.” In addition to having the backing of Paramount Pictures to market this film, Gore had the full backing of the media, and leading the cheerleading charge was none other than the Associated Press.

On June 27, the Associated Press ran an article by Seth Borenstein that boldly declared “Scientists give two thumbs up to Gore's movie.” The article quoted only five scientists praising Gore's science, despite AP's having contacted over 100 scientists. http://www.usatoday.com/weather/news/2006-06-27-inconvenient-truth-reviews_x.htm

The fact that over 80% of the scientists contacted by the AP had not even seen the movie or that many scientists have harshly criticized the science presented by Gore did not dissuade the news outlet one bit from its mission to promote Gore's brand of climate alarmism. <http://epw.senate.gov/pressitem.cfm?party=rep&id=257909>



I am almost at a loss as to how to begin to address the series of errors, misleading science and unfounded speculation that appear in the former Vice President's film Here is what Richard Lindzen, a meteorologist from MIT has written about "An Inconvenient Truth." "A general characteristic of Mr. Gore's approach is to assiduously ignore the fact that the earth and its climate are dynamic; they are always changing even without any external forcing. To treat all change as something to fear is bad enough; to do so in order to exploit that fear is much worse." <http://www.opinionjournal.com/extra/?id=110008597>

What follows is a very brief summary of the science that the former Vice President promotes in either a wrong or misleading way:

- He promoted the now debunked "hockey stick" temperature chart in an attempt to prove man's overwhelming impact on the climate
- He attempted to minimize the significance of Medieval Warm period and the Little Ice Age
- He insisted on a link between increased hurricane activity and global warming that most sciences believe does not exist.
- He asserted that today's Arctic is experiencing unprecedented warmth while ignoring that temperatures in the 1930's were as warm or warmer
- He claimed the Antarctic was warming and losing ice but failed to note, that is only true of a small region and the vast bulk has been cooling and gaining ice.
- He hyped unfounded fears that Greenland's ice is in danger of disappearing
- He erroneously claimed that ice cap on Mt. Kilimanjaro is disappearing due to global warming, even while the region cools and researchers blame the ice loss on local land-use practices
- He made assertions of massive future sea level rise that is way out side of any supposed scientific "consensus" and is not supported in even the most alarmist literature.
- He incorrectly implied that a Peruvian glacier's retreat is due to global warming, while ignoring the fact that the region has been cooling since the 1930s and other glaciers in South America are advancing
- He blamed global warming for water loss in Africa's Lake Chad, despite NASA scientists concluding that local population and grazing factors are the more likely culprits
- He inaccurately claimed polar bears are drowning in significant numbers due to melting ice when in fact they are thriving
- He completely failed to inform viewers that the 48 scientists who accused President Bush of distorting science were part of a political advocacy group set up to support Democrat Presidential candidate John Kerry in 2004

"A general characteristic of Mr. Gore's approach is to assiduously ignore the fact that the earth and its climate are dynamic; they are always changing even without any external forcing. To treat all change as something to fear is bad enough; to do so in order to exploit that fear is much worse."

- Richard Lindzen, the Alfred P. Sloan Professor of Atmospheric Science at MIT, op-ed in the June 26, 2006 *Wall Street Journal*.

Now that was just a brief sampling of some of the errors presented in “An Inconvenient Truth.” Imagine how long the list would have been if I had actually seen the movie -- there would not be enough time to deliver this speech today.

TOM BROKAW

Following the promotion of “An Inconvenient Truth,” the press did not miss a beat in their role as advocates for global warming fears.

ABC News put forth its best effort to secure its standing as an advocate for climate alarmism when the network put out a call for people to submit their anecdotal global warming horror stories in June for use in a future news segment. <http://abcnews.go.com/International/story?id=2094224&CMP=OTC-RSSFeeds0312>

In July, the Discovery Channel presented a documentary on global warming narrated by former NBC anchor Tom Brokaw. The program presented only those views of scientists promoting the idea that humans are destroying the Earth’s climate. <http://epw.senate.gov/fact.cfm?party=rep&id=258659>

You don’t have to take my word for the program’s overwhelming bias; a Bloomberg News TV review noted “You’ll find more dissent at a North Korean political rally than in this program” because of its lack of scientific objectivity.

Brokaw also presented climate alarmist James Hansen to viewers as unbiased, failing to note his quarter million dollar grant from the partisan Heinz Foundation or his endorsement of Democrat Presidential nominee John Kerry in 2004 and his role promoting former Vice President Gore’s Hollywood movie.

Brokaw, however, did find time to impugn the motives of scientists skeptical of climate alarmism when he featured paid environmental partisan Michael Oppenheimer of the group Environmental Defense accusing skeptics of being bought out by the fossil fuel interests.

The fact remains that political campaign funding by environmental groups to promote climate and environmental alarmism dwarfs spending by the fossil fuel industry by a three-to-one ratio. Environmental special interests, through their 527s, spent over \$19 million compared to the \$7 million that Oil and Gas spent through PACs in the 2004 election cycle.

I am reminded of a question the media often asks me about how much I have received in campaign contributions from the fossil fuel industry. My unapologetic answer is ‘Not Enough,’ -- especially when you consider the millions partisan environmental groups pour into political campaigns.

ENGINEERED “CONSENSUS”

Continuing with our media analysis: On July 24, 2006 The Los Angeles Times featured an op-ed by Naomi Oreskes, a social scientist at the University of California San Diego and the author of a 2004 Science Magazine study. Oreskes insisted that a review of 928 scientific papers showed there was 100% consensus that global warming was not caused by natural climate variations. This study was also featured in former Vice President Gore’s “An Inconvenient Truth,” <http://epw.senate.gov/fact.cfm?party=rep&id=259323>

However, the analysis in Science Magazine excluded nearly 11,000 studies or more than 90 percent of the papers dealing with global warming, according to a critique by British social scientist Benny Peiser.

Peiser also pointed out that less than two percent of the climate studies in the survey actually endorsed the so-called “consensus view” that human activity is driving global warming and some of the studies actually opposed that view.

But despite this manufactured “consensus,” the media continued to ignore any attempt to question the orthodoxy of climate alarmism.

As the dog days of August rolled in, the American people were once again hit with more hot hype regarding global warming, this time from The New York Times op-ed pages. A columnist penned an August 3rd column filled with so many inaccuracies it is a wonder the editor of the Times saw fit to publish it.

For instance, Bob Herbert’s column made dubious claims about polar bears, the snows of Kilimanjaro and he attempted to link this past summer’s heat wave in the U.S. to global warming – something even alarmist James Hansen does not support. <http://epw.senate.gov/fact.cfm?party=rep&id=261382>

POLAR BEARS LOOK TIRED?

Finally, a September 15, 2006 Reuters News article claimed that polar bears in the Arctic are threatened with extinction by global warming. The article by correspondent Alister Doyle, quoted a visitor to the Arctic who claims he saw two distressed polar bears. According to the Reuters article, the man noted that “one of [the polar bears] looked to be dead and the other one looked to be exhausted.” The article did not state the bears were actually dead or exhausted, rather that they “looked” that way.

Have we really arrived at the point where major news outlets in the U.S. are reduced to analyzing whether or not polar bears in the Arctic appear restless? How does reporting like this get approved for publication by the editors at Reuters? What happened to covering the hard science of this issue?

What was missing from this Reuters news article was the fact that according to biologists who study the animals, polar bears are doing quite well. Biologist Dr. Mitchell Taylor from the Arctic government of Nunavut, a territory of Canada, refuted these claims in May when he noted that

“Of the 13 populations of polar bears in Canada, 11 are stable or increasing in number. They are not going extinct, or even appear to be affected at present.” http://www.thestar.com/NASApp/cs/ContentServer?pagename=thestar/Layout/Article_Type1&c=Article&cid=1146433819696&call_pageid=970599119419

Sadly, it appears that reporting anecdotes and hearsay as fact, has now replaced the basic tenets of journalism for many media outlets.

ALARMISM HAS LED TO SKEPTICISM

It is an inconvenient truth that so far, 2006 has been a year in which major segments of the media have given up on any quest for journalistic balance, fairness and objectivity when it comes to climate change. The global warming alarmists and their friends in the media have attempted to smear scientists who dare question the premise of man-made catastrophic global warming, and as a result some scientists have seen their reputations and research funding dry up.

The media has so relentlessly promoted global warming fears that a British group called the Institute for Public Policy Research – and this from a left leaning group – issued a report in 2006 accusing media

outlets of engaging in what they termed “climate porn” in order to attract the public’s attention.

Bob Carter, a Paleoclimate geologist from James Cook University in Australia has described how the media promotes climate fear:

“Each such alarmist article is larded with words such as ‘if’, ‘might’, ‘could’, ‘probably’, ‘perhaps’, ‘expected’, ‘projected’ or ‘modeled’ - and many involve such deep dreaming, or ignorance of scientific facts and principles, that they are akin to nonsense,” professor Carter concluded in an op-ed in April of this year. <http://www.telegraph.co.uk/opinion/main.jhtml?xml=/opinion/2006/04/09/do0907.xml&sSheet=/news/2006/04/09/ixworld.html>

Another example of this relentless hype is the reporting on the seemingly endless number of global warming impact studies which do not even address whether global warming is going to happen. They merely project the impact of potential temperature increases.

The media endlessly hypes studies that purportedly show that global warming could increase mosquito populations, malaria, West Nile Virus, heat waves and hurricanes, threaten the oceans, damage coral reefs, boost poison ivy growth, damage vineyards, and global food crops, to name just a few of the global warming linked calamities. Oddly, according to the media reports, warmer temperatures almost never seem to have any positive effects on plant or animal life or food production.

Fortunately, the media’s addiction to so-called ‘climate porn’ has failed to seduce many Americans.

According to a July Pew Research Center Poll, the American public is split about evenly between those who say global warming is due to human activity versus those who believe it’s from natural factors or not happening at all.

In addition, an August Los Angeles Times/Bloomberg poll found that most Americans do not attribute the cause of recent severe weather events to global warming, and the portion of Americans who believe global warming is naturally occurring is on the rise.

Yes -- it appears that alarmism has led to skepticism.

The American people know when their intelligence is being insulted. They know when they are being used and when they are being duped by the hysterical left.

The American people deserve better -- much better -- from our fourth estate. We have a right to expect accuracy and objectivity on climate change coverage. We have a right to expect balance in sourcing and fair analysis from reporters who cover the issue.

Above all, the media must roll back this mantra that there is scientific “consensus” of impending climatic doom as an excuse to ignore recent science. After all, there was a so-called scientific “consensus” that there were nine planets in our solar system until Pluto was recently demoted.

Breaking the cycles of media hysteria will not be easy since hysteria sells -- it’s very profitable. But I want to challenge the news media to reverse course and report on the objective science of climate change, to stop ignoring legitimate voices this scientific debate and to stop acting as a vehicle for unsubstantiated hype.

AMERICA REACTS TO SPEECH DEBUNKING MEDIA GLOBAL WARMING ALARMISM

**Senator James Inhofe, Chairman, Senate Environment and Public Works Committee
Senate Floor Speech Delivered Thursday, September 28, 2006**

This past Monday, I took to this floor for the eighth time to discuss global warming. My speech focused on the myths surrounding global warming and how our national news media has embarrassed itself with a 100-year documented legacy of coverage on what turned out to be trendy climate science theories.

Over the last century, the media has flip-flopped between global cooling and warming scares. At the turn of the 20th century, the media peddled an upcoming ice age -- and they said the world was coming to an end. Then in the 1930s, the alarm was raised about disaster from global warming -- and they said the world was coming to an end. Then in the 70's, an alarm for another ice age was raised -- and they said the world was coming to an end. And now, today we are back to fears of catastrophic global warming -- and again they are saying the world is coming to an end.

Today I would like to share the fascinating events that have unfolded since my floor speech on Monday.

CNN CRITICIZES MY SPEECH

This morning, CNN ran a segment criticizing my speech on global warming and attempted to refute the scientific evidence I presented to counter climate fears.

First off, CNN reporter Miles O'Brien inaccurately claimed I was "too busy" to appear on his program this week to discuss my 50 minute floor speech on global warming. But they were told I simply was not available on Tuesday or Wednesday.

I did appear on another CNN program today -- Thursday -- which I hope everyone will watch. The segment airs tonight on CNN's Glenn Beck Show on Headline News at 7pm and repeats at 9pm and midnight Eastern.

Second, CNN's O'Brien falsely claimed that I was all "alone on Capitol Hill" when it comes to questioning global warming.

Mr. O'Brien is obviously not aware that the U.S. Senate has overwhelmingly rejected Kyoto style carbon caps when it voted down the McCain-Lieberman climate bill 60-38 last year -- an even larger margin than its rejection in 2003.

Third, CNN's O'Brien, claimed that my speech earlier contained errors regarding climate science. O'Brien said my claim that the Antarctic was actually cooling and gaining ice was incorrect. But both the journals Science and Nature have published studies recently finding -- on balance -- Antarctica is both cooling and gaining ice.

CNN's O'Brien also criticized me for saying polar bears are doing well in the Arctic. But he ignored that the person I was quoting is intimately familiar with the health of polar bear populations. Let me repeat what biologist Dr. Mitchell Taylor from the Arctic government of Nunavut, a territory of Canada, said recently:

“Of the 13 populations of polar bears in Canada, 11 are stable or increasing in number. They are not going extinct, or even appear to be affected at present.”

CNN's O'Brien also ignores the fact that in the Arctic, temperatures were warmer in the 1930's than today.

O'Brien also claimed that the “Hockey Stick” temperature graph was supported by most climate scientists despite the fact that the National Academy of Sciences and many independent experts have made it clear that the Hockey Stick's claim that the 1990's was the hottest decade of the last 1000 years was unsupported.

So it seems my speech struck a nerve with the mainstream media. Their only response was to cherry pick the science in a failed attempt to refute me.

It seems that it is business as usual for many of them. Sadly, it looks like my challenge to the media to be objective and balanced has fallen on deaf ears.

SPEECH BYPASSED THE MAINSTREAM MEDIA

Despite the traditional media's failed attempt to dismiss the science I presented to counter global warming alarmism, the American people bypassed the tired old traditional media by watching CSPAN or clicking on the Drudge Report and reading the speech online.

From the flood of overwhelming positive feedback I received, I can tell you the American people responded enthusiastically to my message.

The central theme was not only one of thanks, but expressing frustration with the major media outlets because they knew in their guts that what they have been hearing in the news was false and misleading.

Here is a brief sampling:

Janet of Saugus, Massachusetts: “Thank you Senator Inhofe. Finally someone with the guts to stand up and call it what it is -- a sham. I think you have taken over Toby Keith's place as my favorite Oklahoman!!”

Al of Clinton, Connecticut writes: “It's about time someone with a loud microphone spoke up on the global warming scam. You have courage - if only this message could get into the schools where kids are being brow-beaten with the fear message almost daily.”

Kevin of Jacksonville, Florida writes: “I'm so glad that we have leaders like you who are willing to stand up against the onslaught of liberal media, Hollywood and the foolish elected officials on this topic. Please keep up the fight!”

Steven of Phoenix, Arizona writes: “As a scientist, I am extremely pleased to see that there is at least one member of congress who recognizes the global warming hysteria for what it is. I am extremely impressed by the Senator's summary and wish he was running for President.”

Craig of Grand Rapids, Michigan writes: “As a meteorologist I strongly agree with everything you said.”

Dan of Westwood, Massachusetts writes: “This the most concise, well researched, eloquently presented argument against Global Warming I have ever seen. Somebody in Congress has finally gotten it right!”

Adam of Salmon, Idaho writes: “Thank you for the brave speech made about all of the hyping about alleged global warming and its causes. It took guts.”

My speech ignited an internet firestorm. So much so, that my speech became the subject of a heated media controversy in New Zealand. Halfway across the globe, a top official from the New Zealand Climate Science Coalition challenged New Zealand’s television station to balance what he termed “alarmist doom-casting” and criticized them for failing to report the views of scientists in their own country that I cited here in America.

(<http://www.scoop.co.nz/stories/PO0609/S00306.htm>)

As the controversy in New Zealand shows, global warming hysteria has captured more than just the American media.

The reaction to my speech keeps coming in: Just this morning, The Pittsburgh Tribune-Review newspaper wrote an editorial calling my speech “an unusual display of reason” on the Senate floor.

I do have to give credit to another publication, Congressional Quarterly, or CQ for short. On Tuesday, CQ’s Toni Johnson took the issues I raised seriously and followed up with phone calls to scientist-turned global warming pop star James Hansen’s office. CQ wanted to ask Hansen about his quarter of a million dollar grant from the left-wing Heinz Foundation, whose money originated from the Heinz family ketchup fortune.

As I have pointed out, many in the media dwell on any industry support given to so-called climate skeptics, but the same media completely fail to note Hansen’s huge grant from the partisan Heinz Foundation. It seems the media makes a distinction between ketchup money and oil money.

But Hansen was unavailable to respond to CQ’s questions about the ‘Ketchup Money’ grant, which is highly unusual for a man who finds his way into the media on an almost daily basis. Mr. Hansen is always available when he is peddling his increasingly dire predictions of climate doom.

ABC NEWS PROMOTES CLIMATE HYSTERIA

I have been engaged in this debate for several years and believe there is a growing backlash of Americans rejecting what they see as climate scare tactics. And as a result, global warming alarmists are becoming increasingly desperate.

Perhaps that explains why the very next day after I spoke on the floor, ABC News’s Bill Blakemore on Good Morning America prominently featured James Hansen touting future scary climate scenarios that could / might / possibly happen. ABC’s “modest” title for the segment was “Will the Earth Become Too Hot? Are Our Children in Danger?”

The segment used all the well worn tactics from the alarmist guidebook -- warning of heat waves, wildfires, droughts, melting glaciers, mass extinctions unless mankind put itself on a starvation energy diet and taxed emissions.

But that’s no surprise – Blakemore was already on the record declaring “After extensive searches, ABC

News has found no such [scientific] debate” about manmade catastrophic global warming.

(<http://abcnews.go.com/US/print?id=2374968>)

You have to be a pretty poor investigator to believe that. Why would 60 prominent scientists this last spring have written Canadian Prime Minister Harper that “If, back in the mid-1990s, we knew what we know today about climate, Kyoto would almost certainly not exist, because we would have concluded it was not necessary.” (<http://www.canada.com/nationalpost/financialpost/story.html?id=3711460e-bd5a-475d-a6be-4db87559d605>)

On Tuesday’s program, the ABC News anchor referred to Blakemore as “passionate” about global warming. “Passionate” is one word to describe that kind of reporting, but words like objectivity or balance are not.

I believe it’s these kinds of stories which explain why the American public is growing increasingly skeptical of the hype. Despite the enormous 2006 media campaign to instill fear into the public, the number of people who believe that weather naturally changes -- is increasing.

A Los Angeles Times/Bloomberg poll in August found that most Americans do not attribute the cause of recent severe weather events to global warming, and the portion of Americans who believe that climate change is due to natural variability has increased over 50% in the last five years.

Given the diminishing importance of the mainstream media, I expect that trend to continue.

I hope my other colleagues will join me on the floor and start speaking out to debunk hysteria surrounding global warming. This issue is too important to our generation and future generations to allow distortions and media propaganda to derail the economic health of our nation.

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BRINGING INTEGRITY BACK TO THE IPCC PROCESS

Senator James Inhofe, Chairman, Senate Environment and Public Works Committee

Senate Floor Speech Delivered Tuesday, November 15, 2005

I have addressed this chamber on the subject of global warming many times over the last few years. In those speeches, I presented well-documented facts regarding the science and economics of the global warming issue that, sadly, many of my colleagues and the public heard for the very first time.

Today, I will discuss something else – scientific integrity and how to improve it. Specifically, I will discuss the systematic and documented abuse of the scientific process by an international body that claims it provides the most complete and objective scientific assessment in the world on the subject of climate change – the United Nations-sponsored Intergovernmental Panel on Climate Change, or IPCC. I will conclude with a series of recommendations as to the minimum changes the IPCC must make if it is to restore its credibility.

When I became Chairman of the Senate Committee on Environment and Public Works, one of my top three priorities was to improve the quality of environmental science used in public policymaking by taking the politics out of science. I have convened hearings on this subject and the specific issue of global warming science.

I am a U.S. Senator, and a former mayor and businessman. I am not a scientist. But I do understand politics. And the more I have delved into the issue, the more convinced I have become that science is being co-opted by those who care more about peddling fear of gloom and doom to further their own, broader agendas than they do about scientific integrity.

I am committed to shining a light on their activities. Global warming alarmists will undoubtedly continue to accuse me of attacking the science of global warming – that is part of their game. But nothing could be further from the truth. I support and defend credible, objective science by exposing the corrupting influences that would subvert it for political purposes. Good policy must be based on good science, and that requires science be free of bias, whatever its conclusions.

As nations meet again next month in Montreal to discuss global warming, the pronouncements of the IPCC leaders will gain renewed attention as they continue their efforts to craft a fourth assessment of the state of global warming science. If the fourth assessment is to have any credibility, fundamental changes will need to be made.

The flaws in the IPCC process began to manifest themselves in the first assessment, but did so in earnest when the IPCC issued its second assessment report in 1996. The most obvious was the altering of the document on the central question of whether man is causing global warming.

Here is what Chapter 8 – the key chapter in the report – stated on this central question in the final version accepted by reviewing scientists:

“No study to date has positively attributed all or part [of the climate change observed to date] to anthropogenic causes.”

But when the final version was published, this and similar phrases in 15 sections of the chapter were deleted or modified. Nearly all the changes removed hints of scientific doubts regarding the claim that human activities are having a major impact on global warming.

In the Summary for Policy Makers – which is the only part of the report that reporters and policy makers read – a single phrase was inserted. It reads:

“The balance of evidence suggests that there is a discernible human influence on global climate.”

The lead author for Chapter 8, Dr. Ben Santer, should not be held solely accountable. According to the journal *Nature*, the changes to the report were made in the midst of high-level pressure from the Clinton / Gore State Department to do so. I understand that after the State Department sent a letter to Sir John Houghton, co-Chairman of the IPCC, Houghton prevailed upon Santer to make the changes. The impact was explosive, with media across the world, including heavyweights such as Peter Jennings, declaring this as proof that man is responsible for global warming.

Notably, polls taken shortly afterwards showed scant support for the statement. The word “discernible” implies measurable or detectable, and depending on how the question was asked, only 3- 19 percent of American scientists concurred.

In 2001, the third assessment report was published. Compared with the flaws in the third assessment, those in the second assessment appear modest. The most famous is the graph produced by Dr. Michael Mann and others. Their study concluded that the 20th century was the warmest on record in the last 1,000 years, showing flat temperatures until 1900 and then spiking upward – in short, it looked like a hockey stick. It achieved instant fame as proof of man’s causation of global warming because it was featured prominently in the Summary Report read by the media.

Since then, the hockey stick has been shown to be a relic of bad math and impermissible practices. Dr. Hans von Storch, a prominent German researcher with the GKSS Institute for Coastal Research – who, I’m told, believes in global warming – put it this way:

“Methodologically it is wrong: rubbish.”

In fact, a pair of Canadian researchers showed that when random data is fed into Michael Mann’s mathematical construct, it produces a hockey stick more than 99 percent of the time. Yet the IPCC immortalized the hockey stick as the proof positive of catastrophic global warming.

How can such a thing occur? Sadly, it is due to the institutional structure of the IPCC itself – it breeds manipulation.

First, the IPCC is a political institution. Its charter is to support the efforts of the UN Framework Convention on Climate Change, which has the basic mission of eliminating the threat of global warming. This clearly creates a conflict of interest with the standard scientific goal of assessing scientific data in an objective manner.

The IPCC process itself illustrates the problem. The Summary Report for Policymakers is not approved by the scientists and economists who contribute to the report. It is approved by Intergovernmental

delegates – in short, politicians. It doesn't take a leap of imagination to realize that politicians will insist the report support their political agenda.

A typical complaint of scientists and economists is that the Summary does not adequately reflect the uncertainties associated with tentative conclusions in the basic report. The uncertainties identified by contributing authors and reviewers seem to disappear or are downplayed in the Summary.

A corollary of this is that lead authors and the Chair of the IPCC control too much of the process. The old adage “power corrupts and absolute power corrupts absolutely” applies. Only a handful of individuals were involved in changing the entire tone of the second assessment. Likewise, Michael Mann was a Chapter lead author in the third assessment.

One stark example of how the process has been corrupted involves a U.S. Government scientist who is among the world's most respected experts on hurricanes – Dr. Christopher Landsea. Earlier this year, Dr. Landsea resigned as a contributing author in the upcoming fourth assessment. His reason was simple – the lead author for the Chapter on extreme weather, Dr. Kevin Trenberth, had demonstrated he would pursue a political agenda linking global warming to more severe hurricanes.

Trenberth had spoken at a forum where he was introduced as a lead author and proceeded to forcefully make the link. He has spoken here in the Senate as well, and it is clear that Trenberth's mind is completely closed on the issue. The only problem is that Trenberth's views are not widely accepted among the scientific community. As Landsea put it last winter:

“All previous and current research in the area of hurricane variability has shown no reliable, long-term trend up in the frequency or intensity of tropical cyclones, either in the Atlantic or any other basin.”

When Landsea brought it to the attention of the IPCC, he was told that Trenberth – who as lead author is supposed to bring a neutral, unbiased perspective to his position – would keep his position. Landsea concluded that:

“Because of Dr. Trenberth's pronouncements, the IPCC process on our assessment of these crucial extreme events in our climate system has been subverted and compromised, its neutrality lost.”

Landsea's experience is not unique. Richard Lindzen, a prominent MIT researcher who was a contributing author to a Chapter in the third assessment, among others has said that the Summary did not reflect the Chapter he contributed to. But when you examine how the IPCC is structured, is it really so surprising?

Second, the IPCC has demonstrated an unreasoning resistance to accepting constructive critiques of its scientific and economic methods, even in the report itself. Of course, combined with my first point, this is a recipe for de-legitimizing the entire endeavor in terms of providing credible information that is useful to policy makers.

Let me offer a few examples of what I am talking about.

Malaria is considered one of the four greatest risks associated with global warming. But the relationship between climate and mosquito populations is highly complex. There are over 3,500 species of mosquito,

and all breed, feed, and behave differently. Yet the nine lead authors of the health section in the second assessment had published only six research papers on vector-borne diseases among them.

Dr. Paul Reiter of the Pasteur Institute, a respected entomologist who has spent decades studying mosquito-borne malaria, believes that global warming would have little impact on the spread of malaria. But the IPCC refused to consider his views in its third assessment, and has completely excluded him from contributing to the fourth assessment.

Here's another example: To predict future global warming, the IPCC estimated how much world economies would grow over the next century. Future increases in carbon dioxide emission estimates are directly tied to growth rates, which in turn drive the global warming predictions.

Unfortunately, the method the IPCC uses to calculate growth rates is wrong. It also contains assumptions that developing nations will experience explosive growth – in some cases, becoming wealthier than the United States. These combine to greatly inflate even its lower-end estimates of future global warming.

The IPCC, however, has bowed to political pressure from the developing countries that refuse to acknowledge the likelihood they will not catch up to the developed world. The result: Future global warming predictions by the IPCC are based on a political choice, not on credible economic methodologies.

Likewise, the IPCC ignored the advice of economists who conclude that, if global warming is real, future generations would have a higher quality of life if societies maximize economic growth and adapt to future warming rather than trying to drastically curb emissions. The IPCC turns a deaf ear.

This problem with the economics led to a full-scale inquiry by the UK's House of Lords Select Committee on Economic Affairs. The ensuing report should be required reading. The Committee identified numerous problems with the IPCC.

In fact, the problems identified were so substantial, it led Lord Nigel Lawson, former Chancellor of the Exchequer and a Member of the Committee, to recently state:

“I believe the IPCC process is so flawed, and the institution, it has to be said, so closed to reason, that it would be far better to thank it for the work it has done, close it down, and transfer all future international collaboration on the issue of climate change...”

To regain its credibility, the IPCC must correct its deficiencies in all of the following areas before it releases its fourth assessment report.

Structurally, the IPCC must:

Adopt procedures by which scientific reviewers formally approve both the Chapters and the Summary Report for Policymakers. Government delegates should not be part of the approval process. Limit the authority of lead authors and the Chair to introduce changes after approval by the reviewers. Create an ombudsman for each Chapter. These ombudsmen should consult with reviewers who believe valid issues are not being addressed, and disseminate a report for reviewers prior to final approval which is made part of the final document. Institute procedures to ensure that an adequate cross-section of qualified

scientists wishing to participate in the process is selected based on unbiased criteria. The ombudsmen should review complaints of bias in the selection process.

There are many specific issues that the IPCC must address as well. For instance, the IPCC must:

Ensure that uncertainties in the state of knowledge are clearly expressed in the Summary for Policymakers. Provide highly defensible ranges of the costs of controlling greenhouse gas emissions. Defensibly assess the effects of land-use changes in causing observed temperature increases. Provide highly defensible ranges of the benefits of global warming. Examine the costs and benefits of an adaptation strategy versus a mitigation strategy. Adequately examine studies finding a cooling trend of the Continental Antarctic for the last 40 years, as well as increases in the Antarctic ice mass. Adequately explain why the models predict greater warming than has been observed, avoiding use of selective data sets. Ensure an unbiased assessment of the literature on hurricanes. Ensure adequate review of malaria predictions by a range of specialists in the field, ensuring all views are expressed.

There are dozens more issues, most of which are as important as the ones I've just raised. Instead of listing them all here, I intend to post on my Committee's website this winter a more exhaustive and detailed list of issues that must be addressed in the fourth assessment.

In concluding, I'd quote from an article in *Der Spiegel* by Dr. von Storch and Dr. Nico Stehr, who is with Zeppelin University. They wrote:

“Other scientists are succumbing to a form of fanaticism almost reminiscent of the McCarthy era... Silencing dissent and uncertainty for the benefit of a politically worthy cause reduces credibility, because the public is more well-informed than generally assumed. In the long term, the supposedly useful dramatizations achieve exactly the opposite of what they are intended to achieve. If this happens, both science and society will have missed an opportunity.”

It is my solemn hope that the IPCC will listen the words of Drs. von Storch and Stehr and not miss the opportunity to re-establish its credibility. Only then will its work product be useful to policymakers. If the IPCC remains committed to its current path, however, then Lord Lawson's solution is the only viable one – the IPCC should be disbanded.

Renowned Scientist Defects From Belief in Global Warming – Caps Year of Vindication for Skeptics

EPW Majority Press Release

<http://epw.senate.gov/pressitem.cfm?party=rep&id=264777>

October 17, 2006

Washington DC - One of the most decorated French geophysicists has converted from a believer in manmade catastrophic global warming to a climate skeptic. This latest defector from the global warming camp caps a year in which numerous scientific studies have bolstered the claims of climate skeptics. Scientific studies that debunk the dire predictions of human-caused global warming have continued to accumulate and many believe the new science is shattering the media-promoted scientific “consensus” on climate alarmism.

Claude Allegre, a former government official and an active member of France’s Socialist Party, wrote an editorial on September 21, 2006 in the French newspaper L’Express titled “The Snows of Kilimanjaro” (For English Translation, click here: <http://epw.senate.gov/fact.cfm?party=rep&id=264835>) detailing his newfound skepticism about manmade global warming. See: <http://www.lexpress.fr/idees/tribunes/dossier/allegre/dossier.asp?ida=451670> Allegre wrote that the “cause of climate change remains unknown” and pointed out that Kilimanjaro is not losing snow due to global warming, but to local land use and precipitation changes. Allegre also pointed out that studies show that Antarctic snowfall rate has been stable over the past 30 years and the continent is actually gaining ice.

“Following the month of August experienced by the northern half of France, the prophets of doom of global warming will have a lot on their plate in order to make our fellow countrymen swallow their certitudes,” Allegre wrote. He also accused proponents of manmade catastrophic global warming of being motivated by money, noting that “the ecology of helpless protesting has become a very lucrative business for some people!”

Allegre, a member of both the French and U.S. Academy of Sciences, had previously expressed concern about manmade global warming. “By burning fossil fuels, man enhanced the concentration of carbon dioxide in the atmosphere which has raised the global mean temperature by half a degree in the last century,” Allegre wrote 20 years ago. In addition, Allegre was one of 1500 scientists who signed a November 18, 1992 letter titled “World Scientists’ Warning to Humanity” in which the scientists warned that global warming’s “potential risks are very great.” See: <http://homepages.ihug.co.nz/~sai/sciwarn.html>

Allegre has authored more than 100 scientific articles, written 11 books and received numerous scientific awards including the Goldschmidt Medal from the Geochemical Society of the United States.

Allegre’s conversion to a climate skeptic comes at a time when global warming alarmists have insisted that there is a “consensus” about manmade global warming. Proponents of global warming have ratcheted up the level of rhetoric on climate skeptics recently. An environmental magazine in September called for Nuremberg-style trials for global warming skeptics and CBS News “60 Minutes” correspondent Scott Pelley compared skeptics to “Holocaust deniers.” See: <http://www.epw.senate.gov/fact.cfm?party=rep&id=264568> & <http://www.cbsnews.com/blogs/2006/03/22/publiceye/entry1431768.shtml> In addition, former Vice President Al Gore has repeatedly referred to skeptics as “global warming deniers.”

This increase in rhetorical flourish comes at a time when new climate science research continues to unravel the global warming alarmists' computer model predictions of future climatic doom and vindicate skeptics.

60 Scientists Debunk Global Warming Fears

Earlier this year, a group of prominent scientists came forward to question the so-called “consensus” that the Earth faces a “climate emergency.” On April 6, 2006, 60 scientists wrote a letter to the Canadian Prime Minister asserting that the science is deteriorating from underneath global warming alarmists.

“Observational evidence does not support today’s computer climate models, so there is little reason to trust model predictions of the future...Significant [scientific] advances have been made since the [Kyoto] protocol was created, many of which are taking us away from a concern about increasing greenhouse gases. If, back in the mid-1990s, we knew what we know today about climate, Kyoto would almost certainly not exist, because we would have concluded it was not necessary,” the 60 scientists wrote. See: <http://www.canada.com/nationalpost/financialpost/story.html?id=3711460e-bd5a-475d-a6be-4db87559d605>

“It was only 30 years ago that many of today’s global-warming alarmists were telling us that the world was in the midst of a global-cooling catastrophe. But the science continued to evolve, and still does, even though so many choose to ignore it when it does not fit with predetermined political agendas,” the 60 scientists concluded.

In addition, an October 16, 2006 Washington Post article titled “Climate Change is Nothing New” echoed the sentiments of the 60 scientists as it detailed a new study of the earth’s climate history. The Washington Post article by reporter Christopher Lee noted that Indiana University geologist Simon Brassell found climate change occurred during the age of dinosaurs and quoted Brassell questioning the accuracy of computer climate model predictions.

“If there are big, inherent fluctuations in the system, as paleoclimate studies are showing, it could make determining the Earth’s climatic future even harder than it is,” Brassell said. See: <http://www.washingtonpost.com/wp-dyn/content/article/2006/10/15/AR2006101500672.html>

Global Cooling on the Horizon?

In August, Khabibullo Abdusamatov, a scientist who heads the space research sector for the Russian Academy of Sciences, predicted long-term global cooling may be on the horizon due to a projected decrease in the sun’s output. See: <http://en.rian.ru/russia/20060825/53143686.html>

Sun’s Contribution to Warming

There have also been recent findings in peer-reviewed literature over the last few years showing that the Antarctic is getting colder and the ice is growing and a new 2006 study in Geophysical Research Letters found that the sun was responsible for up to 50% of 20th-century warming. See: <http://www.agu.org/pubs/crossref/2006/2006GL027142.shtml>

“Global Warming” Stopped in 1998

Paleoclimate scientist Bob Carter has noted that there is indeed a problem with global warming – it stopped in 1998. “According to official temperature records of the Climate Research Unit at the University of East Anglia in the UK, the global average temperature did not increase between 1998-2005. “...this eight-year period of temperature stasis did coincide with society’s continued power station and SUV-inspired pumping of yet more carbon dioxide into the atmosphere,” noted paleoclimate researcher and geologist Bob Carter of James Cook University in Australia in an April 2006 article titled “There is a problem with global warming... it stopped in 1998.” See: <http://www.telegraph.co.uk/opinion/main.jhtml?xml=/opinion/2006/04/09/do0907.xml&sSheet=/news/2006/04/09/ixworld.html>

“Global?” Warming Misnamed - Southern Hemisphere Not Warming

In addition, new NASA satellite tropospheric temperature data reveals that the Southern Hemisphere has not warmed in the past 25 years contrary to “global warming theory” and modeling. This new Southern Hemisphere data raises the specter that the use of the word “global” in “global warming” may not be accurate. A more apt moniker for the past 25 years may be “Northern Hemisphere” warming. See: <http://motls.blogspot.com/2006/09/southern-hemisphere-ignores-global.html>

Alaska Cooling

According to data released on July 14, 2006 from the National Oceanic and Atmospheric Administration (NOAA), the January through June Alaska statewide average temperature was “0.55F (0.30C) cooler than the 1971-2000 average.” See: <http://www.publicaffairs.noaa.gov/releases2006/jul06/noaa06-065.html>

Oceans Cooling

Another bombshell to hit the global warming alarmists and their speculative climate modeling came in a September article in the Geophysical Research Letters which found that over 20% of the heat gained in the oceans since the mid-1950s was lost in just two years. The former climatologist for the state of Colorado, Roger Pielke, Sr., noted that the sudden cooling of the oceans “certainly indicates that the multi-decadal global climate models have serious issues with their ability to accurately simulate the response of the climate system to human- and natural-climate forcings.” See: <http://climatesci.atmos.colostate.edu/2006/09/>

Light Hurricane Season & Early Winter

Despite predictions that 2006 would bring numerous tropical storms, 2006’s surprisingly light hurricane season and the record early start of this year’s winter in many parts of the U.S. have further put a damper on the constant doomsaying of the global warming alarmists and their media allies.

Droughts Less Frequent

Other new studies have debunked many of the dubious claims made by the global warming alarmists. For example, the claim that droughts would be more frequent, severe and wide ranging during global

warming, has now being exposed as fallacious. A new paper in Geophysical Research Letters authored by Konstantinos Andreadis and Dennis Lettenmaier finds droughts in the U.S. becoming “shorter, less frequent and cover a small portion of the country over the last century.” <http://www.worldclimatereport.com/index.php/2006/10/13/where-are-the-droughts>

Global Warming Will Not Lead to Next Ice Age

Furthermore, recent research has shown that fears that global warming could lead to the next ice age, as promoted in the 2004 Hollywood movie “The Day After Tomorrow” are also unsupportable. A 2005 media hyped study “claimed to have found a 30 percent slowdown in the thermohaline circulation, the results are published in the very prestigious Nature magazine, and the story was carried breathlessly by the media in outlets around the world... Less than a year later, two different research teams present convincing evidence [in Geophysical Research Letters] that no slowdown is occurring whatsoever,” according to Virginia State Climatologist Patrick Michaels, editor of the website World Climate Report. See: <http://www.worldclimatereport.com/index.php/2006/10/13/overturning-ocean-hype>

‘Hockey Stick’ Broken in 2006

The “Hockey Stick” temperature graph’s claim that the 1990’s was the hottest decade of the last 1000 years was found to be unsupportable by the National Academy of Sciences and many independent experts in 2006. See: <http://www.epw.senate.gov/pressitem.cfm?party=rep&id=257697>

Study Shows Greenland’s Ice Growing

A 2005 study by a scientist named Ola Johannessen and his colleagues showed that the interior of Greenland is gaining ice mass. See: <http://www.co2science.org/scripts/CO2ScienceB2C/articles/V8/N44/C1.jsp> Also, according to the International Arctic Research Institute, despite all of the media hype, the Arctic was warmer in the 1930’s than today.

Polar Bears Not Going Extinct

Despite Time Magazine and the rest of the media’s unfounded hype, polar bears are not facing a crisis, according to biologist Dr. Mitchell Taylor from the Arctic government of Nunavut. “Of the 13 populations of polar bears in Canada, 11 are stable or increasing in number. They are not going extinct, or even appear to be affected at present,” Taylor wrote on May 1, 2006. See: http://www.thestar.com/NASApp/cs/ContentServer?pagename=thestar/Layout/Article_Type1&c=Article&cid=1146433819696&call_pageid=970599119419

Media Darling James Hansen Hypes Alarmism

As all of this new data debunking climate alarmism mounts, the mainstream media chooses to ignore it and instead focus on the dire predictions of the number-one global warming media darling, NASA’s James Hansen. The increasingly alarmist Hansen is featured frequently in the media to bolster sky-is-falling climate scare reports. His recent claim that the Earth is nearing its hottest point in one million years has been challenged by many scientists. See: <http://www.co2science.org/scripts/CO2ScienceB2C/articles/V9/N39/EDITB.jsp> Hansen’s increasingly frightening climate predictions follow his 2003 concession that the use of “extreme scenarios” was an appropriate tactic to drive the public’s attention

to the urgency of global warming. See: http://naturalscience.com/ns/articles/01-16/ns_jeh6.html Hansen also received a \$250,000 grant from Teresa Heinz's Foundation and then subsequently endorsed her husband John Kerry for President and worked closely with Al Gore to promote his movie, "An Inconvenient Truth." See: <http://www.heinzawards.net/speechDetail.asp?speechID=6> & http://www.columbia.edu/~jeh1/dai_complete.pdf

American People Rejecting Global Warming Alarmism

The global warming alarmists may have significantly overplayed their hand in the climate debate. A Los Angeles Times/Bloomberg poll this August found that most Americans do not attribute the cause of any recent severe weather events to global warming, and the portion of Americans who believe that climate change is due to natural variability has increased over 50% in the last five years.

Senator Inhofe Chastises Media For Unscientific & Unprincipled Climate Reporting

Senator James Inhofe (R-Okla.) Chairman of the Environment and Public Works Committee, commented last week on the media's unfounded global warming hype and some of the recent scientific research that is shattering the so-called "consensus" that human greenhouse gas emissions have doomed the planet.

"The American people are fed up with media for promoting the idea that former Vice President Al Gore represents the scientific 'consensus' that SUV's and the modern American way of life have somehow created a 'climate emergency' that only United Nations bureaucrats and wealthy Hollywood liberals can solve. It is the publicity and grant seeking global warming alarmists and their advocates in the media who have finally realized that the only "emergency" confronting them is their rapidly crumbling credibility, audience and bottom line. The global warming alarmists know their science is speculative at best and their desperation grows each day as it becomes more and more obvious that many of the nations that ratified the woeful Kyoto Protocol are failing to comply," Senator Inhofe said last week. See: <http://www.epw.senate.gov/pressitem.cfm?party=rep&id=264616>

"The mainstream media needs to follow the money: The further you get from scientists who conduct these alarmist global warming studies, and the further you get from the financial grants and the institutions that they serve the more the climate alarmism fades and the skepticism grows," Senator Inhofe explained.

Eco-Doomsayers' Failed Predictions

In a speech on the Senate floor on September 25, 2006, Senator Inhofe pointed out the abject failure of past predictions of ecological disaster made by environmental alarmists.

"The history of the modern environmental movement is chock-full of predictions of doom that never came true. We have all heard the dire predictions about the threat of overpopulation, resource scarcity, mass starvation, and the projected death of our oceans. None of these predictions came true, yet it never stopped the doomsayers from continuing to predict a dire environmental future. The more the eco-doomsayers' predictions fail, the more the eco-doomsayers predict," Senator Inhofe said on September 25th. See: <http://epw.senate.gov/speechitem.cfm?party=rep&id=263759>

INHOFE RESPONDS TO CRITICAL NEW YORK TIMES EDITORIAL

EPW Majority Press Release

<http://epw.senate.gov/pressitem.cfm?party=rep&id=264616>

October 12, 2006

Washington, D.C.— Senator James Inhofe (R-Okla.), Chairman of the Environment and Public Works Committee responded to today’s October 12, 2006 New York Times global warming editorial titled, “Doubting Inhofe.”

(<http://www.nytimes.com/2006/10/12/opinion/12thu2.html?hp>)

In the past few weeks, Senator Inhofe has raised numerous questions regarding the media’s coverage of global warming in two Senate Floor speeches, first on September 25, “Hot & Cold Media Spin: A Challenge To Journalists Who Cover Global Warming” (<http://www.epw.senate.gov/speechitem.cfm?party=rep&id=263759>) and a follow-up speech on September 29 titled, “America Reacts To Speech Debunking Media Global Warming Alarmism.” (<http://www.epw.senate.gov/speechitem.cfm?party=rep&id=264027>)

“My recent speeches detailing the embarrassing 100 year history of the media’s relentless climate hype and its flip flopping between global cooling and warming scares must have struck a nerve in the old gray lady of the New York Times,” Senator Inhofe said. **“A significant portion of my 50 minute Senate floor speech on September 25th was devoted to the New York Times history of swinging between promoting fears of a coming ice age to promoting fears of global warming. Since 1895, the media has alternated between global cooling and warming scares during four separate and sometimes overlapping time periods.**

“The American people are fed up with media for promoting the idea that former Vice President Al Gore represents the scientific “consensus” that SUV’s and the modern American way of life have somehow created a “climate emergency” that only United Nations bureaucrats and wealthy Hollywood liberals can solve.

“Now, fast forward to August 19, 2000, the New York Times was so eager to promote fears of the Arctic melting that it cheapened itself with a comical article declaring ‘The North Pole is Melting.’ The Times reporter, John Noble Wilford, noted that tourists visiting the North Pole saw open water and declared that ‘The last time scientists can be certain the pole was awash in water, was more than 50 million years ago.’ Wow. Pretty convincing stuff -- that is until the Times was forced to retract the story 10 days later and admit nothing unusual had occurred at the pole. No wonder today’s Times editorial felt compelled to accuse me of ‘a hysteria of doubt,’ it was no doubt a clumsy attempt to distract from their climate reporting legacy of hysteria.”

Full Text Of Senator Inhofe’s Remarks

My recent speeches detailing the embarrassing 100 year history of the media’s relentless climate hype and its flip flopping between global cooling and warming scares must have struck a nerve in the old gray lady of the New York Times. A significant portion of my 50 minute Senate floor speech on September 25th was devoted to the New York Times history of swinging between promoting fears of a coming ice

age to promoting fears of global warming. Since 1895, the media has alternated between global cooling and warming scares during four separate and sometimes overlapping time periods.

The New York Times October 12, 2006 editorial accused me of possessing “a hysteria of doubt” about human caused catastrophic global warming. But in reality, there is no doubt that it is the New York Times that possesses a hysterical and erroneous history of climate alarmism.

Here is a quote from the February 24, 1895 edition of the New York Times reporting on fears of an approaching ice age: “Geologists Think the World May be Frozen Up Again.” But on March 27, 1933, the New York Times reported: “America in Longest Warm Spell Since 1776; Temperature Line Records a 25-year Rise” Then in 1952, the New York Times was back on the global warming bandwagon declaring that the “trump card” of global warming “has been the melting glaciers.” And a 1975 New York Times headline trumpeting fear of a coming ice age read: “Climate Changes Endanger World’s Food Output.”

Now, fast forward to August 19, 2000, the New York Times was so eager to promote fears of the Arctic melting that it cheapened itself with a comical article declaring “The North Pole is Melting.” The Times reporter, John Noble Wilford, noted that tourists visiting the North Pole saw open water and declared that “The last time scientists can be certain the pole was awash in water, was more than 50 million years ago.” Wow. Pretty convincing stuff -- that is until the Times was forced to retract the story 10 days later and admit nothing unusual had occurred at the pole. No wonder today’s Times editorial felt compelled to accuse me of “a hysteria of doubt,” it was no doubt a clumsy attempt to distract from their climate reporting legacy of hysteria.”

Mainstream Media Reaches Tipping Point

The American people are fed up with media for promoting the idea that former Vice President Al Gore represents the scientific “consensus” that SUV’s and the modern American way of life have somehow created a “climate emergency” that only United Nations bureaucrats and wealthy Hollywood liberals can solve. It is the publicity and grant seeking global warming alarmists and their advocates in the media who have finally realized that the only “emergency” confronting them is their rapidly crumbling credibility, audience and bottom line. The global warming alarmists know their science is speculative at best and their desperation grows each day as it becomes more and more obvious that many of the nations that ratified the woeful Kyoto Protocol are failing to comply.

Quite simply Kyoto is dead and panic has gripped the global warming alarmists as they realize that Kyoto was nothing more than a fantasy. The Wharton Econometrics Forecasting Associates estimated Kyoto would cost an American family of four \$2,700 annually, yet even alarmists admit Kyoto would have minimal impact on reducing temperatures. Even the “Kyoto Lite” proposal of McCain-Lieberman would have cost American households an additional \$810 a year and more than one million jobs would have been lost. Under McCain-Lieberman, electricity prices would have increased 20% and the difference in temperature would have been a mere .029 Celsius. These proposals would affect all Americans, including ranchers, farmers, those in the retail industry and virtually all sectors of the economy. Even the most ardent global warming alarmists now realize that Kyoto and similar proposals are all economic pain for no climate gain.

Evidence of this media collapse can be found in the over 500 e-mails my office received within a few days of my September 25, 2006 Senate floor speech taking the media and climate alarmists to task. Well over 90% of the e-mails and phone calls were positive responses from the grass roots of America and from many scientists who had finally had it with skewed reporting of traditional media outlets like the New York Times. And, it was not just the American people who responded. My speech and its message of mainstream media hype and failure, spread across the globe -- from New Zealand, to England, to Canada to the Bahamas and China. <http://epw.senate.gov/fact.cfm?party=rep&id=264408>

It seems Americans are not alone when it comes to frustration with the relentless and unfounded scientific predictions of climate doom.

Shattering the Scientific Consensus

In April 2006, 60 prominent scientists wrote a letter sent to the Canadian Prime Minister asserting that the science is crumbling from underneath global warming alarmists. (<http://www.canada.com/nationalpost/financialpost/story.html?id=3711460e-bd5a-475d-a6be-4db87559d605>)

'Observational evidence does not support today's computer climate models, so there is little reason to trust model predictions of the future...Significant [scientific] advances have been made since the [Kyoto] protocol was created, many of which are taking us away from a concern about increasing greenhouse gases. If, back in the mid-1990s, we knew what we know today about climate, Kyoto would almost certainly not exist, because we would have concluded it was not necessary,' the 60 scientists wrote.

'It was only 30 years ago that many of today's global-warming alarmists were telling us that the world was in the midst of a global-cooling catastrophe. But the science continued to evolve, and still does, even though so many choose to ignore it when it does not fit with predetermined political agendas,' the 60 scientists concluded.

INHOFE SAYS NAS REPORT REAFFIRMS ‘HOCKEY STICK’ IS BROKEN

EPW Majority Press Release

<http://epw.senate.gov/pressitem.cfm?party=rep&id=257697>

June 22, 2006

Washington, D.C.-Sen. James Inhofe (R-Okla.), Chairman of the Committee on Environment and Public Works commented on today’s congressionally commissioned review by the National Academy of Sciences that shows that Dr. Michael Mann’s “hockey stick” study was flawed, specifically refuting some of its most often-cited conclusions.

The National Academy of Sciences’ “Surface Temperature Reconstructions for the Last 2000 Years” noted in their summary that there were “relatively warm conditions centered around A.D. 1000 (identified by some as the ‘Medieval Warm Period’) and a relatively cold period (or ‘Little Ice Age’) centered around 1700.” The hockey stick constructed by Mann and his colleagues purported to show temperatures in the Northern Hemisphere remained relatively stable over 900 years, then spiked upward in the 20th century.

“Today’s NAS report reaffirms what I have been saying all along, that Mann’s ‘hockey stick’ is broken,” Senator Inhofe said. **“Today’s report refutes Mann’s prior assertions that there was no Medieval Warm Period or Little Ice Age.”**

The NAS report also stated that “substantial uncertainties” surround Mann’s claims that the last few decades of the 20th century were the warmest in last 1000 years. In fact, while the report conceded that temperature data uncertainties increase going backward in time, it acknowledged that “not all individual proxy records indicate that the recent warmth is unprecedented...”

In addition, the NAS report further chastises Mann, declaring “Even less confidence can be placed in the original conclusions by Mann et al. (1999) that ‘the 1990’s are likely the warmest decade, and 1998 the warmest year, in at least a millennium ...”

“This report shows that the planet warmed for about 200 years prior to the industrial age, when we were coming out of the depths of the Little Ice Age where harsh winters froze the Thames and caused untold deaths.

“Trying to prove man-made global warming by comparing the well-known fact that today’s temperatures are warmer than during the Little Ice Age is akin to comparing summer to winter to show a catastrophic temperature trend.”

**“I don’t like the word ‘Balance”- Says ABC News Global Warming Reporter
United States Senate Committee on Environment and Public Works**

INHOFE EXPRESSES CONCERNS OVER IPCC'S LACK OF OBJECTIVITY IN LETTER TO CHAIRMAN PACHAURI

Offers Recommendations for Returning Credibility to IPCC Processes

EPW Majority Press Release

<http://epw.senate.gov/pressitem.cfm?party=rep&id=249544>

December 7, 2005

WASHINGTON, DC – Sen. James Inhofe (R-Okla.), Chairman of the Environment and Public Works Committee, today sent a letter to Dr. R.K. Pachauri, chairman of the United Nations' Intergovernmental Panel on Climate Change (IPCC), expressing the concerns with the IPCC processes that he shared with his colleagues on the Senate floor during a November 15th speech.

“On November 15th, 2005,” Senator Inhofe wrote, “I addressed my colleagues in the United States Senate to express the importance of returning integrity to the processes that govern the work of the Intergovernmental Panel on Climate Change (IPCC). Over the last decade, a number of flaws and even abuses in those processes designed to influence public opinion have become evident. My concern was further heightened by comments you made yesterday in Montreal at a forum titled ‘Arriving at a post-2012 Climate Change Settlement: Technology Options & Cooperative Opportunities.’” ...

“My primary concerns lie with how certain scientific conclusions are selected or excluded from the IPCC's consideration and presentation, and how the science has been manipulated in order to reach a predetermined conclusion. These problems must be remedied in order for the IPCC to present a fair and impartial conclusion as to the current state of climate science.”

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December 7, 2005

Dr. R. K. Pachauri
Chair, Intergovernmental Panel on Climate Change
IPCC Secretariat
c/o World Meteorological Organization
7 bis Avenue de la Paix
C.P. 2300
CH- 1211 Geneva 2
Switzerland

Dear Dr. Pachauri:

When I became Chairman of the United States Senate's Committee on Environment and Public Works, one of my top three priorities was to improve the quality of environmental science used in public policy-making by removing politics from science. I have convened hearings on this subject and, more specifically, the issue of global warming science. The more I have researched the issue, the more convinced I have become that climate science is being co-opted by those who care more deeply about promoting

doomsday scenarios to further their own, broader agendas than they do about scientific integrity. I am committed to returning integrity to the scientific process so that the focus is on objective scientific inquiry and assessment and not on influencing public opinion to support political goals.

On November 15th, 2005, I addressed my colleagues in the United States Senate to express the importance of returning integrity to the processes that govern the work of the Intergovernmental Panel on Climate Change (IPCC). Over the last decade, a number of flaws and even abuses in those processes designed to influence public opinion have become evident.

My concern was further heightened by comments you made yesterday in Montreal at a forum titled “Arriving at a post-2012 Climate Change Settlement: Technology Options & Cooperative Opportunities.” In your formal commentary concerning a public opinion survey on climate change, you stated:

In the fourth assessment, we will conduct an extensive outreach effort. If facts are highlighted, not exaggerated... then it will help in changing public perception.

Such an effort, and such an attitude, is in direct conflict with an objective assessment of the science, free of political goals. Selective presentations of facts, whether accurate or not, skew the public’s understanding of the issue by eliminating contrary findings and potentially considerable uncertainty about their accuracy. Moreover, the IPCC has a history of failing your one condition – that findings not be exaggerated – as I detailed for my Senate colleagues. To be direct, the IPCC is no longer an institution that can be credibly relied upon in setting public policy. As the IPCC nears conclusion of its work on the fourth assessment report, I wish to share with you, in the enclosed speech, the concerns I expressed on the floor of the Senate last month as well as offer solutions that I believe, if adopted, would help the IPCC regain its scientific credibility.

My primary concerns lie with how certain scientific conclusions are selected or excluded from the IPCC’s consideration and presentation, and how the science has been manipulated in order to reach a predetermined conclusion. These problems must be remedied in order for the IPCC to present a fair and impartial conclusion as to the current state of climate science.

As I conveyed to my colleagues, I hope the IPCC can regain the integrity lost with the missteps of the first three assessment reports and produce a sound fourth assessment that considers all sides of the science, and is not co-opted by agenda-driven politicians. Only then can the IPCC’s work product be useful to policymakers across the globe. As I stated, I am committed to returning integrity to the scientific process. I hope the members of the IPCC share that same commitment.

Sincerely,

James M. Inhofe
United States Senate
Chairman
Committee on Environment and Public Works

Additional Constructive Recommendations to the IPCC to Help It Restore Its Credibility

- In the field of research examining the impact on temperatures from land-use changes, a new subsection should be created to ensure important work that has been done in the field is represented and examined in assessing the relative contribution of land-use changes.

- Assess and explain the full extent of the bias built into future temperature estimates based on the propensity of most General Circulation Models to predict increased Arctic cloud cover under a doubling of carbon dioxide, given that these modeled clouds do not manifest the observed property of modulating incoming sunlight but instead only yielding the positive feedback of enhancing downward longwave radiation even for the summer season at the Arctic.
- Examine and assess the recent evidence for an increase in intensity of tropical circulation using both reanalyses data and satellite-based observations.
- Explain why the predicted range of global precipitation increase under a doubled carbon dioxide scenario is no more than 5% despite a relatively large increase in atmospheric water vapor – approximately 20-30%.
- Assess the impact of this small increase in precipitation on tropical circulation.
- Examine critically how the El Nino-Southern Oscillation air-sea coupling phenomenon will change by increasing carbon dioxide under the global-warming scenario. • Assess and explain why the polar amplification signals predicted under carbon dioxide-induced global warming have not been observed or verified by the available surface air temperature data of the Arctic.
- The U.S. NSF/NOAA's Understanding Change Panel of the Study of Environmental Arctic Change (or SEARCH) committee recently concluded that:

While many modeling studies suggest that the increase in greenhouse gases may favor shifts in the primary atmospheric circulation modes, in particular a higher frequency of the positive Arctic Oscillation mode, we find no compelling evidence that the variations of the circulation are greenhouse-driven. Because much of the recent circulation-driven change is likely a manifestation of natural variability, there is a possibility that the recent warming trajectory could slow in the near future.

Explain how these conclusions were incorporated into the IPCC's conclusions, and fully discuss where the conclusions differ and the underlying reasons for these differences.

- Assess and explain why the General Circulation Models do not correspond with measurements in the lower tropical troposphere and upper polar troposphere, how this has been factored into your conclusions, and what steps are being taken to address this important deficiency.
- Examine in detail what climate models actually predict for the balance between ablation and accumulation of ice at both the Greenland and Antarctic ice sheets.
- Assess the impacts of coarse resolution of topography in the current General Circulation Models on the calculation of the ablation process around the coastal melt zones of Greenland and the Antarctic, and identify studies with differing conclusions that use a finer resolution of topography.
- Assess and explain the impacts of Pacific Decadal Oscillation on the observed temperature records generally. In particular, assess and explain the impacts of the PDO on Alaska for the last 50 years.
- Provide a complete description of the temperature record, including warming at the beginning of the

last century, with a full description of the bounds of confidence in the various data underlying each portion of the temperature record.

- Compare the observed temperature record of the period 1918-1945 (with a total rise of 0.43 Celsius) with the identical length of time between 1977-2004 (with a total rise of 0.48 Celsius) without inclusion of low-pass filter, which biases the results. • Ensure generally that comparisons of early- and late-20th century temperature trends are not distorted, examining the warming trend beginning in 1907.
- Examine the ratio of “wettest days” to total annual precipitation over the last 100 years in those areas with robust datasets, giving major conclusions and large geographical regions/countries that do not conform with this trend; if they do not conform, explain how.
- In assessing tropical storm studies, fully explain and account for the sudden, dramatic rise in observed tropical storms corresponding tightly with the introduction of satellites over this observed areas and other measurement techniques. Explain the relative importance of whether these data are robust in any conclusions supporting increased storms.
- Assess the full body of research regarding tropical storms, without disproportionate reliance on the small number of studies that are controversial.
- Provide a complete presentation of the number of storms making landfall in the Atlantic Gulf of Mexico. Break this down by year and location.
- List the number of deaths estimated from each of these strikes.
- Assess the property damage associated with hurricanes, adjusted for population increase and rise in wealth.
- Temperature increase predictions linearly based on carbon dioxide should more accurately reflect likely carbon dioxide growth rates by taking into account historical carbon concentration growth rates.
- Sea level rise estimates should be adjusted to reflect historical emissions and new projections regarding high-latitude ice sheets, which indicate a sea level rise nearly 50

EPW Majority Fact of the Day

<http://epw.senate.gov/fact.cfm?party=rep&id=265464>

October 30, 2006

Burlington, VT - ABC News Reporter Bill Blakemore declared “I don’t like the word ‘balance’ much at all” in global warming coverage at a journalism conference in Vermont over the weekend.

Blakemore, who reported on August 30, 2006, “After extensive searches, ABC News has found no such [scientific] debate” on global warming, (<http://abcnews.go.com/US/print?id=2374968>) said he rejects ‘balance’ in order to justify excluding any skeptics of manmade catastrophic global warming from his reporting. He made his remarks at Friday’s panel discussion at the Society of Environmental Journalists annual conference in Burlington.

Blakemore lamented “the deep professional shame that I discovered two years ago,” regarding how he believes the media had been manipulated by skeptics of manmade catastrophic global warming.

“Of course [skeptics] play on the idea that we have to be ‘balanced,’” he noted. “It was very lazy of us for 10 years when we were asked for balance from the [climate skeptic] spinners. We just gave up and said ‘Okay, okay – I will put the other side on, okay are you happy now?’” he said. “And it saves us from the trouble of having to check out the fact that these other sides were the proverbial flat earth society.”

Blakemore also took on the role of psychologist in explaining that global warming presents an “existential” dilemma and people face what he termed “psychological obstacles” about whether to believe the dire predictions that the planet is facing a climate crisis.

“We are looking at serious mainstream scientists now tell us that maybe - it’s over. It’s hard. It’s the kind of news you have to take in small doses,” Blakemore explained. **[EPW note: Many scientists dispute the notion that mankind has created a climate doomsday. See: (<http://epw.senate.gov/pressitem.cfm?party=rep&id=264777>)]**

“Denial is initially natural and healthy; the psychologists tell us it is what we do to hold our meaning system together, so that we can at least function at first when trauma happens and we are all being delivered a major trauma here,” he explained. He added that greenhouse gas theory is akin to “3rd grade science.”

“Does [extreme weather patterns] fit exactly within the predicted pattern that we projected almost 30 or 40 years ago? This is the little logical problem that we journalists can still work on and solve,” Blakemore said. **(EPW Note: 30 and 40 years ago, scientists were erroneously predicting a coming ice age. See last week’s Newsweek’s retraction of global cooling reporting 31 years after its initial report: (<http://epw.senate.gov/fact.cfm?party=rep&id=265087>))**

“The problem is we journalists have not stood up on our own feet and said ‘Excuse me, this is going to be my assessment of where the scientific assessment is.’ Because those spinners would say you got to listen to who -- for the scientific assessment and they will point to their favorable [skeptical] organizations.” He also said, “I am a professional journalist; don’t tell me how to do my job.”

Blakemore said skeptics of global warming should be ignored because some of them are being funded by industry. But he has failed to note that scientists he promotes such as James Hansen, Michael

Oppenheimer, are both recipients of huge sums of money from environmental special interest groups.

When Blakemore reported on January 29, 2006, that NASA scientist James Hansen was alleging that the Bush Administration was censoring his scientific work, he failed to inform viewers that Hansen had received a quarter of a million dollars from Teresa Heinz Kerry's foundation, the Heinz Foundation, and subsequently endorsed her husband Democrat John Kerry for President in 2004 <http://www.abcnews.go.com/WNT/story?id=1555183>

In addition, Michael Oppenheimer is a paid partisan of the group Environmental Defense. Blakemore also told the journalism conference that global warming was an ever present entity that "affects everything in the weather, everywhere all the time and in every instance."

Blakemore has also lavished praised on Vice President Al Gore and his movie "An Inconvenient Truth", comparing Gore to Shakespeare and Robert Frost. http://blogs.abcnews.com/theworldnewser/2006/05/al_gore_and_an_.html

Senator Inhofe Credited For Prompting Newsweek Admission of Error on 70's Predictions of Coming Ice Age

EPW Majority Fact of the Day

<http://epw.senate.gov/fact.cfm?party=rep&id=265087>

October 24, 2006

Washington, D.C.-On September 25, 2006, Senator James Inhofe (R-Okla.) delivered a 50 Minute Senate floor speech critiquing the media's 100 Year history of embarrassing climate change reporting alternating between promoting fears of a coming ice age and global warming. Since Senator Inhofe's speech, reaction from around the world has been resoundingly positive. (See: <http://epw.senate.gov/speechitem.cfm?party=rep&id=264027>) In addition, a Renowned French Scientist recently defected from belief in manmade global warming, capping a year of vindication for climate skeptics. (See: <http://epw.senate.gov/pressitem.cfm?party=rep&id=264777>)

Now it appears the media -- led by Newsweek Magazine -- is feeling the heat about their erroneous past predictions of climate doom.

In Case You Missed It...

Newsweek Changes Media Climate 31 Years after Global Cooling Story Magazine admits first article was 'wrong,' but still wasn't 'inaccurate' journalistically.

By Dan Gainor

Business & Media Institute 10/24/2006

It took 31 years, but Newsweek magazine admitted (see: <http://msnbc.msn.com/id/15391426/site/newsweek>) it was incorrect about climate change.

In a nearly 1,000-word correction, Senior Editor Jerry Adler finally agreed that a 1975 piece on global cooling "was so spectacularly wrong about the near-term future."

Even then, Adler wasn't quite willing to blame Newsweek for the incredible failure. "In fact, the story wasn't 'wrong' in the journalistic sense of 'inaccurate,'" he claimed.

"Some scientists indeed thought the Earth might be cooling in the 1970s, and some laymen – even one as sophisticated and well-educated as Isaac Asimov – saw potentially dire implications for climate and food production," Adler added. However, the story admitted both Time magazine and Newsweek were wrong on the subject – Newsweek as recently as 1992.

The situation was brought to light after Sen. James Inhofe (R-OK) gave an extensive speech about media climate change coverage to the Senate on September 25. Inhofe told his Senate colleagues: "Much of the 100-year media history on climate change that I have documented today can be found in a publication entitled 'Fire & Ice' from the Business & Media Institute."

Adler described Inhofe as "chair of the Environment and Public Works Committee and the self-proclaimed scourge of climate alarmists." The article agreed that, to use a phrase from the Watergate era of the first story, mistakes had been made, but questioned whether Inhofe had drawn the right lesson

from the media failures.

Adler said scientists have also predicted in the past that Earth would be hit by a “giant meteorite,” but “... that doesn’t mean that journalists have been dupes or alarmists for reporting this news. Citizens can judge for themselves what constitutes a prudent response ...” However, citizens can’t “judge for themselves” if they are getting only one theory, whether it is global cooling or global warming.

Newsweek cited information culled from the BMI report that “for more than 100 years journalists have quoted scientists predicting the destruction of civilization by, in alternation, either runaway heat or a new Ice Age.” But he was unwilling to admit that what the media now say about climate change could be wrong. Newsweek wasn’t alone in its climate revisionism. The October 12 New York Times included an editorial that criticized Inhofe for his criticism of the Times. Inhofe’s comments, according to the article, were “a brisk survey of the way the news media have covered climatic predictions over the past century.” It continued, “Cooling, warming – we never get it right.”

But the Times editors still castigated Inhofe for his comments because they “do not expect Mr. Inhofe to see the light – or feel the heat – any time soon.” At least Newsweek was willing to admit that the world was better off for having ignored the 1975 story.

“All in all, it’s probably just as well that society elected not to follow one of the possible solutions mentioned in the Newsweek article: to pour soot over the Arctic ice cap, to help it melt.”

It took Newsweek 31 years to correct its mistakes on global cooling. If they want to recant their latest global warming stance and start the calendar today, that means the next correction will run on October 23, 2037.

For full article go to: <http://www.businessandmedia.org/articles/2006/20061024143134.aspx>

NUREMBERG-STYLE TRIALS PROPOSED FOR GLOBAL WARMING SKEPTICS

EPW Majority Fact of the Day

<http://epw.senate.gov/fact.cfm?party=rep&id=264568>

October 11, 2006

Washington, D.C.- A U.S. based environmental magazine that both former Vice President Al Gore (http://gristmill.grist.org/print/2006/9/19/11408/1106?show_comments=no) and PBS newsmen Bill Moyers, for his October 11th global warming edition of “Moyers on America” titled “Is God Green?” (<http://www.grist.org/news/maindish/2006/05/09/roberts/index.html>) have deemed respectable enough to grant one-on-one interviews to promote their projects, is now advocating Nuremberg-style war crimes trials for skeptics of human caused catastrophic global warming.

Grist Magazine’s staff writer David Roberts called for the Nuremberg-style trials for the “bastards” who were members of what he termed the global warming “denial industry.”

Roberts wrote in the online publication on September 19, 2006, “When we’ve finally gotten serious about global warming, when the impacts are really hitting us and we’re in a full worldwide scramble to minimize the damage, we should have war crimes trials for these bastards -- some sort of climate Nuremberg.”

(http://gristmill.grist.org/print/2006/9/19/11408/1106?show_comments=no)

Gore and Moyers have not yet commented on Grist’s advocacy of prosecuting skeptics of global warming with a Nuremberg-style war crimes trial. Gore has used the phrase “global warming deniers” to describe scientists and others who don’t share his view of the Earth’s climate. It remains to be seen what Gore and Moyers will have to say about proposals to make skepticism a crime comparable to Holocaust atrocities.

The use of Holocaust terminology has drawn the ire of Roger Pielke, Jr. of the University of Colorado’s Center for Science and Technology Policy Research. “The phrase ‘climate change denier’ is meant to be evocative of the phrase ‘holocaust denier,’” Pielke, Jr. wrote on October 9, 2006

(http://sciencepolicy.colorado.edu/prometheus/archives/author_pielke_jr_r/index.html#000952).

“Let’s be blunt. This allusion is an affront to those who suffered and died in the Holocaust. This allusion has no place in the discourse on climate change. I say this as someone fully convinced of a significant human role in the behavior of the climate system,” Pielke, Jr. explained.

The article Global Warming: The Chilling Effect On Free Speech (www.spiked-online.com/index.php?site/article/1782/) last week in Spiked Online addresses this new found penchant by environmentalists and some media members to charge skeptics of human caused catastrophic global warming with “crimes against humanity” and urge Nuremberg-style prosecution of them.

THE WALL STREET JOURNAL

Commentary: Stern Review

By Bjorn Lomborg

<http://epw.senate.gov/fact.cfm?party=rep&id=265689>

November 2, 2006; Page A12

The report on climate change by Nicholas Stern and the U.K. government has sparked publicity and scary headlines around the world. Much attention has been devoted to Mr. Stern's core argument that the price of inaction would be extraordinary and the cost of action modest.

Unfortunately, this claim falls apart when one actually reads the 700-page tome. Despite using many good references, the Stern Review on the Economics of Climate Change is selective and its conclusion flawed. Its fear-mongering arguments have been sensationalized, which is ultimately only likely to make the world worse off.

The review correctly points out that climate change is a real problem, and that it is caused by human greenhouse-gas emissions. Little else is right, however, and the report seems hastily put-together, with many sloppy errors. As an example, the cost of hurricanes in the U.S. is said to be both 0.13% of U.S. GDP and 10 times that figure.

The review is also one-sided, focusing almost exclusively on carbon-emission cuts as the solution to the problem of climate change. Mr. Stern sees increasing hurricane damage in the U.S. as a powerful argument for carbon controls. However, hurricane damage is increasing predominantly because there are more people with more goods to be damaged, settling in ever more risky habitats. Even if global warming does significantly increase the power of hurricanes, it is estimated that 95% to 98% of the increased damage will be due to demographics. The review acknowledges that simple initiatives like bracing and securing roof trusses and walls can cheaply reduce damage by more than 80%; yet its policy recommendations on expensive carbon reductions promise to cut the damages by 1% to 2% at best. That is a bad deal.

Mr. Stern is also selective, often seeming to cherry-pick statistics to fit an argument. This is demonstrated most clearly in the review's examination of the social damage costs of CO₂ -- essentially the environmental cost of emitting each extra ton of CO₂. The most well-recognized climate economist in the world is probably Yale University's William Nordhaus, whose "approach is perhaps closest in spirit to ours," according to the Stern review. Mr. Nordhaus finds that the social cost of CO₂ is \$2.50 per ton. Mr. Stern, however, uses a figure of \$85 per ton. Picking a rate even higher than the official U.K. estimates -- that have themselves been criticized for being over the top -- speaks volumes.

Mr. Stern tells us that the cost of U.K. flooding will quadruple to 0.4% from 0.1% of GDP due to climate change. However, we are not told that these alarming figures only hold true if one assumes that the U.K. will take no additional measures -- essentially doing absolutely nothing and allowing itself to get flooded, perhaps time and again. In contrast, the U.K. government's own assumptions take into account a modest increase in flood prevention, finding that the cost will actually *decline* sharply to 0.04% of U.K. GDP, in spite of climate change. Why does Mr. Stern not share that information?

But nowhere is the imbalance clearer than in Mr. Stern's central argument about the costs and benefits of action on climate change. The review tells us that we should make significant cuts in carbon emissions

to stabilize the concentration of atmospheric carbon dioxide at 550 ppm (parts per million). Yet such a stark recommendation is not matched by an explicit explanation of what this would mean in terms of temperature.

The U.N. Climate Panel estimates that stabilizing at 550 ppm would mean an increase in temperature of about 2.3 degrees Celsius in the year 2100. This might be several degrees below what would otherwise happen, but it might also be *higher*. Mr. Nordhaus estimates that the stabilization policy would reduce the rise in temperature from 2.53 degrees Celsius to just 2.42 degrees Celsius. One can understand the reluctance of the Stern review to advertise such a puny effect.

Most economists were surprised by Mr. Stern's large economic estimates of damage from global warming. Mr. Nordhaus's model, for example, anticipates 3% will be wiped off global GDP if nothing is done over the coming century, taking into account the risk for catastrophes. The Stern review purports to show that the cost is "larger than many earlier studies suggested."

On the face of it, Mr. Stern actually accepts Mr. Nordhaus's figure: Even including risks of catastrophe and non-market costs, he agrees that an increase of four degrees Celsius will cost about 3% of GDP. But he assumes that we will continue to pump out carbon far into the 22nd century -- a rather unlikely scenario given the falling cost of alternative fuels, and especially if some of his predictions become clear to us toward the end of this century. Thus he estimates that the higher temperatures of eight degrees Celsius in the 2180s will be very damaging, costing 11% to 14% of GDP.

The Stern review then analyzes what the cost would be if everyone in the present and the future paid equally. Suddenly the cost estimate is not 0% now and 3% in 2100 -- but 11% of GDP right now and forever. If this seems like a trick, it is certainly underscored by the fact that the Stern review picks an extremely low discount rate, which makes the cost look much more ominous now.

But even 11% is not the last word. Mr. Stern suggests that there is a risk that the cost of global warming will be higher than the top end of the U.N. climate panel's estimates, inventing, in effect, a "worst-case scenario" even worse than any others on the table. Therefore, the estimated damage to GDP jumps to 15% from 11%. Moreover, Mr. Stern admonishes that poor people count for less in the economic calculus, so he then inflates 15% to 20%.

This figure, 20%, was the number that rocketed around the world, although it is simply a much-massaged reworking of the standard 3% GDP cost in 2100 -- a figure accepted among most economists to be a reasonable estimate.

Likewise, Mr. Stern readjusts the cost of dealing with climate change. The U.N. found that the cost of 550 ppm stabilization would be somewhere around 0.2% to 3.2% of GDP today; he reports that costs could lie between -4% and 15% of GDP. The -4% is based on the suggestion that cutting carbon emissions could make us *richer* because revenue recycling could address inefficiencies in taxation -- but the alleged inefficiencies, if correct, should be addressed no matter what the policies about climate change. The reason Mr. Stern nevertheless finds a very low cost estimate is because he only considers models with so-called Induced Technological Change. These models are known to reduce costs by about two percentage points because carbon cuts lead to an increase in research and development, which again makes further cuts cheaper. Thus Mr. Stern concludes that the costs are on average 1% of GDP, and in the summary actually claims that this is a maximum cost.

The Stern review's cornerstone argument for immediate and strong action now is based on the suggestion that doing nothing about climate change costs 20% of GDP now, and doing something only

costs 1%. However, this argument hinges on three very problematic assumptions.

First, it assumes that if we act, we will not still have to pay. But this is not so -- Mr. Stern actually tells us that his solution is “already associated with significant risks.” Second, it requires the cost of action to be as cheap as he tells us -- and on this front his numbers are at best overly optimistic. Third, and most importantly, it requires the cost of doing nothing to be a realistic assumption: But the 20% of GDP figure is inflated by an unrealistically pessimistic vision of the 22nd century, and by an extreme and unrealistically low discount rate. According to the background numbers in Mr. Stern’s own report, climate change will cost us 0% now and 3% of GDP in 2100, a much more informative number than the 20% now and forever.

In other words: Given reasonable inputs, most cost-benefit models show that dramatic and early carbon reductions cost more than the good they do. Mr. Stern’s attempt to challenge that understanding is based on a chain of unlikely assumptions.

Moreover, there is a fourth major problem in Mr. Stern’s argument that has received very little attention. It seems naïve to believe that the world’s 192 nations can flawlessly implement Mr. Stern’s multitrillion-dollar, century-long policy proposal. Will nobody try to avoid its obligations? Why would China and India even participate? And even if China got on board, would it be able to implement the policies? In 2002, China decided to cut sulfur dioxide (SO₂) emissions by 10% -- they are now 27% *higher* despite SO₂ being nationally a much bigger health and environmental problem than climate change.

Why does all this matter? It matters because, with clever marketing and sensationalist headlines, the Stern review is about to edge its way into our collective consciousness. The suggestion that flooding will overwhelm us has already been picked up by commentators, yet going back to the background reports properly shows *declining* costs from flooding and fewer people at risk. The media is now quoting Mr. Stern’s suggestion that climate change will wreak financial devastation that will wipe 20% off GDP, explicitly evoking memories of past financial catastrophes such as the Great Depression or World War II; yet the review clearly tells us that costs will be 0% now and just 3% in 2100.

It matters because Gordon Brown, Tony Blair and Nicholas Stern all profess that one of the major reasons that they want to do something about climate change is because it will hit the world’s poor the hardest. Using a worse-than-worst-case scenario, Mr. Stern warns that the wealth of South Asia and Sub-Saharan Africa will be reduced by 10% to 13% in 2100 and suggests that effect would lead to 145 million more poor people.

Faced with such alarmist suggestions, spending just 1% of GDP or \$450 billion each year to cut carbon emissions seems on the surface like a sound investment. In fact, it is one of the least attractive options. Spending just a fraction of this figure -- \$75 billion -- the U.N. estimates that we could solve all the world’s major basic problems. We could give everyone clean drinking water, sanitation, basic health care and education right now. Is that not better?

We know from economic models that dealing just with malaria could provide economic boosts to the order of 1% extra GDP growth per capita per year. Even making a very conservative estimate that solving *all* the major basic issues would induce just 2% extra growth, 100 years from now each individual in the developing world would be more than 700% richer. That truly trivializes Mr. Stern’s 10% to 13% estimates for South Asia and Sub-Saharan Africa.

Last weekend in New York, I asked 24 U.N. ambassadors -- from nations including China, India and the U.S. -- to prioritize the best solutions for the world’s greatest challenges, in a project known as

Copenhagen Consensus. They looked at what spending money to combat climate change and other major problems could achieve. They found that the world should prioritize the need for better health, nutrition, water, sanitation and education, long before we turn our attention to the costly mitigation of global warming.

We all want a better world. But we must not let ourselves be swept up in making a bad investment, simply because we have been scared by sensationalist headlines.

Click Here for the Entire Op/Ed: <http://online.wsj.com/article/SB116243506287110986-search.html?KEYWORDS=lomborg&COLLECTION=wsjie/6month>

THE AUSTRALIAN

Bob Carter: British Report The Last Hurrah Of Warmaholics

The Stern warning could join Paul Ehrlich's The Population Bomb and the Club of Rome's Limits to Growth in the pantheon of big banana scares that proved to be unfounded

Bob Carter is a geologist and founding member of the Australian Environment Foundation.

<http://epw.senate.gov/fact.cfm?party=rep&id=265690>

November 03, 2006

NICHOLAS Stern is a distinguished economist. Climate change is a complex, uncertain and contentious scientific issue. Have you spotted the problem with the Stern review yet?

An accomplished cost-benefit analysis of climate change would require two things: a clear, quantitative understanding of the natural climate system and a dispassionate, accurate consideration of all the costs and benefits of warming as well as cooling.

Unfortunately, the Stern review is not a cost-benefit but a risk analysis, and of warming only.

This adroit shuffle of the pea under the thimble perhaps explains why Stern's flawed and partial account of our possible climate future stresses costs, ignores benefits, and fails to consider the all too likely eventuality of future cooling.

Even more unfortunate for Stern than his restricted brief is that there is no established theory of climate. Stern therefore has to rely on the advice of others in providing the summary of climate science that occupies the first 21 pages of his review. Though he cites a range of scientific literature, his summary strongly reflects the unsatisfactory consensus view of the UN's Intergovernmental Panel on Climate Change.

The advice to policy-makers that governments periodically receive from the IPCC contains political rather than scientific advice. In concert with this, over the past 10 years the IPCC has moved from being primarily a reviewer of the science evidence to being an advocate for the alarmist case for global warming.

Perhaps the most important scientific point made in the Stern review is the statement that "the accuracy of climate predictions is limited by computer power".

Nonetheless, the review's risk analysis assumes that the computer models used are able to predict the future path of global climate for policy purposes. They cannot.

Worse, even if the models did have global predictive skill, that would only be a tiny first step towards policy advice, because the global average temperature or sea-level rise that the models calculate are conceptual statistics, not physical realities.

Estimating accurate costs and benefits for future environmental change requires not just knowledge of changing global averages but accurate, site-specific predictions for all parts of the planet.

For example, from 1965 to 1998, measured sea level rose slightly in Townsville and fell slightly

in Cairns. Presuming that these trends continue, there is obviously the need for different coastal management plans for the two regions. Now repeat that thought exercise for future changes in temperature, precipitation and sea level worldwide. To make actual and accurate predictions for this is, of course, impossible.

Stern has surely accepted his IPCC-centric science advice in good faith, yet that turns out to be his fatal mistake. Because there is copious evidence that the advice is untrustworthy. For instance, participants at a recent international climate conference in Stockholm were told that the hockey-stick depiction of temperature over the last 1000 years, an IPCC favourite, has been discredited; that pre-industrial atmospheric carbon dioxide levels were higher, and fluctuated more, than is indicated by the averaged ice core measurements; that global temperature has not increased since 1998, despite continuing increases in carbon dioxide; that the Arctic region is no warmer now than it was in the 1930s; and that climate models are too uncertain to be used as predictive policy tools.

These considerations undercut the core IPCC arguments for dangerous human-caused warming, as contained in its 2001 assessment report. Yet early drafts of the forthcoming fourth assessment report reveal that IPCC thinking does not consider these deep uncertainties, and neither does Stern.

The opinion of Bjorn Lomborg, writing in yesterday's Wall Street Journal, suggests that it is not just Stern's science that is flawed. Lomborg accuses Stern of cherry-picking statistics to fit the argument, such as massaging future warming cost estimates from the generally accepted 0 per cent of gross domestic product now to 3 per cent in 2100 to figures as high as "20 per cent now and forever".

It seems that the economics of the Stern review is as shaky as the science, given that Lomborg concludes that "its fear-mongering arguments have been sensationalised, which is ultimately only likely to make the world worse off".

The Stern review has been presented as a rigorous treatment of climate change and its economic effects. In reality, however, the review is a political document whose relation to the truth is about the same as that of the notorious British report on Iraq's weapons of mass destruction.

The Stern agenda in Britain is to enable Labour to compete for eco-votes with an increasingly green-oriented Tory party. A wider agenda is the imposition of carbon levies for goods and services provided from outside Europe, thereby penalising more efficient competitors elsewhere. The European Union has form on this, and has previously tried to use DDT and genetic engineering of food as bogies to justify trade barriers.

Among a range of possible carbon morality taxes, Stern considers the application of a food-miles levy on produce subjected to lengthy air transport. Subsequent media coverage has concentrated on earlier estimates that flying 1kg of kiwifruit from New Zealand to Europe generates 5kg of carbon dioxide. With delicious irony, it turns out that virtually all NZ kiwifruit are transported by ship, yet arrive in Britain at a price that undercuts local supplies. No wonder a levy is needed.

Australian grape growers are doubtless already resigned to having an extra "noble carbon" levy imposed on their products, to the advantage of their French competitors. For that matter, why not a ballet miles surcharge on tickets at Covent Garden when the Australian Ballet next visits London? And given that most British dildos probably come from overseas, perhaps UK citizens will soon have dildo miles, too.

The Stern review is not about climate change but about economic, technological and trade advantage. Its perpetrators seek power through climate scaremongering. The review's release was carefully timed to closely precede this month's US congressional elections and the Nairobi climate conference. Beyond these events, we can expect another burst of alarmist hallelujahs to accompany the launch of IPCC's assessment report in February.

Though it will be lionised for a while yet, the Stern review is destined to join Paul Ehrlich's The Population Bomb and think tank the Club of Rome's manifesto, Limits to Growth, in the pantheon of big banana scares that proved to be unfounded. It is part of the last hurrah for those warmaholics who inhabit a world of virtual climate reality that exists only inside flawed computer models.

Meanwhile, the empirical data stressed by climate rationalists will ultimately prevail over the predictions of the unvalidated computer models. Perhaps then we will be able to attend to the real climate policy problem, which is to prepare response plans for extreme weather events, and for climate warmings as well as coolings, in the same way we prepare to cope with all other natural hazards.

Click Here for the entire Op/Ed: <http://theaustralian.news.com.au/story/0,20867,20690289-7583,00.html>

THE SAN FRANCISCO CHRONICLE

INHOFE, THE APOSTATE

By Debra J. Saunders

<http://epw.senate.gov/fact.cfm?party=rep&id=264709>

Sunday, October 15, 2006

GLOBAL WARMING is a religion, not science. That's why acolytes in the media attack global-warming critics, not with scientific arguments, but for their apostasy. Then they laud global-warming believers, not for reducing greenhouse gases, but simply for believing global warming is a coming catastrophe caused by man. The important thing is to have faith in those who warn: The End Is Near.

So a New York Times editorial Thursday took after Sen. James Inhofe, R-Okla., not for being a Doubting Thomas, but as the headline read, a "Doubting Inhofe." The brunt of the editorial was not a scientific refutation of Inhofe's arguments against the global-warming craze -- other than to cite a National Academy of Sciences report that warned that the Earth is approaching the warmest temperatures in 12,000 years -- a short blip in time to your average geologist.

The Times' focus was on Inhofe's refusal to bow to "the consensus among mainstream scientists and the governments of nearly every industrialized nation concerning manmade climate change." That is, Inhofe has had the effrontery to challenge elite orthodoxy. Or, as the editorial put it, Inhofe "has really buttressed himself with the will to disbelieve."

Get thee away, Satan.

"I see a sense of desperation that I haven't seen before," Inhofe told me by phone Thursday, "and frankly I'm enjoying it."

CNN's Miles O'Brien also challenged Inhofe in a similar vein. O'Brien cited the NAS study, then assailed Inhofe with quotes from notable Republicans -- President Bush, Gov. Arnold Schwarzenegger and Rep. Chris Shays of Connecticut -- who recognize global warming. Note that Schwarzenegger gets into global-warming heaven just for believing, despite his four Hummers and use of a private jet.

Global warming even has a martyr, NASA scientist James Hansen, who told O'Brien in January that under the Bushies, "you're not free to speak your own mind." It's amazing that a scientist can complain the he is being muzzled -- while appearing on CNN and "60 Minutes."

Be it noted that Hansen endorsed Sen. John Kerry for president in 2004 and received a \$250,000 award from a foundation run by Teresa Heinz Kerry in 2001. At the time, Hansen told the New York Times, the award had "no impact on my evaluation of the climate problem or on my political leanings." I believe that.

I also believe we should all be so muzzled. What does Inhofe make of the NAS finding? Inhofe recognizes that the Earth is warming, but sees this as part of the natural cycle. Inhofe mentioned the Medieval Warm Period -- 1000 to 1270 A.D. when the Vikings grew crops in Greenland. So he doesn't buy this 12,000-year high. His office referred me to a piece University of Oklahoma geology professor David Deming penned for the Normal Transcript that noted, "The fact that the thermometer wasn't invented until the year 1714 ought to give us pause when evaluating this remarkable claim."

I remain agnostic on global warming, as I've seen good arguments on both sides. I know, however, that I never will be convinced that global warming is a scientific threat as long as believers put most of their energy into establishing orthodoxy and denying that reputable global-warming skeptics exist.

The Times' "mainstream scientists" line undermines the editorial's credibility as it ignores the likes of MIT climate scientist Richard S. Lindzen, who argues that clouds and water vapor will counteract greenhouse-gas emissions. Ditto the 60 Canadian scientists who wrote to Prime Minister Stephen Harper that there is no " 'consensus' among climate scientists."

Let me add the Copenhagen Consensus, a group of Nobel Prize-winning scientists and economists that looks at the best way to spend a hypothetical \$50 billion to benefit mankind, rated fighting global warming as a "bad" use of money. That's amazing, when you consider the pressure that is put upon scientists to conform.

"Consensus" is another word for clique science. The good people are true believers, the bad people exhibit a "will to disbelieve." Editors used to salute healthy skepticism. Now some are global-warming Torquemadas.

For full article go to: <http://sfgate.com/cgi-bin/article.cgi?file=/c/a/2006/10/15/EDGMQKEIS11.DTL>

THE NORMAN TRANSCRIPT

Inhofe Correct On Global Warming

By David Deming

<http://epw.senate.gov/fact.cfm?party=rep&id=264537>

October 5, 2006

Mr. Deming is a geophysicist, an adjunct scholar with the Oklahoma Council of Public Affairs (ocpathink.org), and an associate professor of Arts and Sciences at the University of Oklahoma.

Oklahoma Senator James Inhofe has been taking a lot of heat lately for his skeptical stance on global warming. He's been called a "social dinosaur" for his failure to accept the politically correct view. But in my opinion, Sen. Inhofe is absolutely correct to be skeptical. As the Enlightenment philosopher Denis Diderot said, "skepticism is the first step towards truth."

I'm a geophysicist who has conducted and published climate studies in top-rank scientific journals. My perspective on Sen. Inhofe and the issue of global warming is informed not only by my knowledge of climate science, but also by my studies of the history and philosophy of science.

The media hysteria on global warming has been generated by journalists who don't understand the provisional and uncertain nature of scientific knowledge. Science changes. For years we were told that drinking coffee was bad for our health and would increase our risk for heart disease. But more recent studies have shown that not only is coffee safe for our hearts, it can decrease the risk of liver cancer and is chock full of healthy antioxidants.

I read in the Edmond Sun Oct. 1 an article by an economist which indicated that temperatures are now higher than at any time in the past 12,000 years. The fact that the thermometer wasn't invented until the year 1714 ought to give us pause when evaluating this remarkable claim. Reconstructions of past temperatures are not measurements, but estimates. These estimates are based on innumerable interpretations and uncertain assumptions, all invisible to someone who only reads the headline. Better studies -- completely ignored by the major media -- have shown that late-twentieth-century temperatures are not anomalous or unusually warm.

I also read last week that in a mere 50 years mean global temperatures on Earth will be higher than they have been for the last million years. We all know that in recent years weather forecasts have become more accurate. But meteorologists can't predict what the temperature will be in 30 days. How is it that we are supposed to believe that they can reliably forecast what the temperature will be in 50 years? They can't, because Earth's climate system is complex and poorly understood.

It is not surprising that some scientists today find evidence to support global warming. True believers always find confirming evidence. In the late 18th century, a school of geologists known as Neptunists became convinced that all of the rocks of the Earth's crust had been precipitated from water. British geologist Robert Jameson characterized the supporting evidence for Neptunism as "incontrovertible." The Neptunists were completely wrong, but able to explain away any evidence that appeared to contradict their theory. A skeptic pointed out that not all rocks had their genesis in the ocean because he had observed molten lava from a volcano cool and solidify into rock. Unperturbed, the Neptunists

calmly explained that the heat of the volcano had merely melted a rock that had been originally generated in water.

Around 1996, I became aware of how corrupt and ideologically driven current climate research can be. A major researcher working in the area of climate change confided in me that the factual record needed to be altered so that people would become alarmed over global warming. He said, “We have to get rid of the Medieval Warm Period.”

The Medieval Warm Period was a time of unusually warm weather that began around 1000 AD and persisted until a cold period known as the “Little Ice Age” took hold in the 14th and 15th centuries. The warmer climate of the Medieval Warm Period was accompanied by a remarkable flowering of prosperity, knowledge, and art in Europe. But the existence of the Medieval Warm Period was an “inconvenient truth” for true believers in global warming. It needed to be erased from history so that people could become convinced that present day temperatures were truly anomalous. Unfortunately, the prostitution of science to environmental ideology is all too common.

Sen. James Inhofe is not only correct in his view on global warming, but courageous to insist on truth, objectivity, and sound science. Truth in science doesn’t depend on human consensus or political correctness. The fact that the majority of journalists and pundits bray like sheep is meaningless. Galileo, another “social dinosaur,” said “the crowd of fools who know nothing is infinite.”

Click Here for the Op/Ed: http://www.normantranscript.com/siteSearch/apstorysection/local_story_278005204

THE OKLAHOMAN

Editorial: Inhofe Holds His Own On Warming Debate

<http://epw.senate.gov/fact.cfm?party=rep&id=264535>

October 9, 2006

U.S. SEN. Jim Inhofe is chairman of the Environmental and Public Works Committee, and few things bug him more than folks who attribute global warming to humankind as though it were established science. You know, people like Al Gore.

Inhofe has made it his personal quest to do battle with those who have elevated theory to sound science. He has made a number of lengthy speeches from the Senate floor — much of his arguments detailed and highly technical fodder that may have a dual use as a cure for insomnia. Yet such is the nature of the global warming debate.

Inhofe, R-Tulsa, recently took his crusade to CNN's "American Morning" program. The cable network's Miles O'Brien introduced Inhofe as the senator who had said global warming was a "hoax." Things got pretty warm from there on in.

Inhofe conceded there is global warming but contested the widely held belief that human activity is to blame. He said some areas of the globe aren't warming at all and cited findings that the Antarctic is gaining ice and getting cooler. He noted the Harvard Center for Astrophysics says the world was warmer in the 15th century than it is now.

O'Brien cited another study that said Antarctic ice is thinning and that huge chunks of it are breaking off into the ocean, potentially raising sea levels. Inhofe countered that sea levels are rising slightly in some places, but not others. Later the senator went on the offensive, recalling that 12 years ago O'Brien said another ice age was coming. It was good banter, mostly in good humor.

Credit Inhofe for nimbly making his case. And we think he's got a point. The science on human causation of global warming is conflicted and unsettled. There's something to be said for a senator who does his homework and is willing to swim against the stream on this important issue.

Click here for the full text of the editorial: <http://www.newsok.com/article/2952076/>

INVESTOR'S BUSINESS DAILY

Editorial: Cooling Down The Climate Scare

<http://epw.senate.gov/fact.cfm?party=rep&id=264251>

September 29, 2006

Environment: The country is drowning in wild alarums warning of impending doom due to global warming. Yet there has risen — from the U.S. Senate, of all places — a lone voice of rational dissent.

While Al Gore drifts into deeper darkness on the other side of the moon, propelled by such revelations as cigarette smoking is a “significant contributor to global warming,” Sen. James Inhofe is becoming a one-man myth-wrecking crew.

Inhofe, a Republican from Oklahoma, took to the Senate floor two days last week to expose the media's role in the global warming hype. This is a man who more than three years ago called the global warming scare “the greatest hoax ever perpetrated on the American people” and has made a habit of tweaking the left-leaning environmental lobby.

One member of the media, Miles O'Brien of CNN, responded last week to Inhofe's criticism of the media with a piece criticizing Inhofe and challenging his arguments. If anything, it seems that O'Brien's reply simply motivated Inhofe to continue his effort to undress the media's complicity and bring light to the issue.

We hope so. The “science” on global warming and the media's propaganda campaign need to be picked apart.

The assumptions made by gloomy theorists should be revealed for what they are: mere conjecture.

The lies and carefully crafted implications, many of them discharged like toxic pollutants by a former vice president, deserve a thorough and lasting deconstruction.

What the public needs — and deserves — is a credible voice to counter the sermons from Gore, on whose behalf cigarettes were distributed in 2000 to Milwaukee homeless people who were recruited by campaign volunteers to cast absentee ballots. Inhofe could be that voice.

He's no John the Baptist crying out in the wilderness. What he is, in fact, is a thrice-elected senator, a former member of the House and, before that, a state senator and representative.

For those not impressed by a political background — after all, Gore, far out of proportion to his qualifications, rose to the second most powerful position on Earth — consider that Inhofe is an Army veteran and longtime pilot, and has actually worked in the private sector.

Unlike most in the Senate, Inhofe is willing to stand on a soapbox and expose his head to his opponents' rhetorical stones. Name another in that august body who would dare label as a hoax the premise that undergirds the day's most trendy pop cult. Is there anyone there who would want to try to stand up to the likes of O'Brien?

O'Brien's biased report is not exactly the type of exposure global warming skeptics hope for, though.

The goal, say the skeptics, should be to teach and inform, to provide an alternative to the flood of hyperbole and intentionally misleading thunder that's passed off as settled science.

There are enough scientists to fill a fleet of Humvees who can express scepticism over global warming, despite Gore's claims that the matter has been resolved in favor of his conclusions. But none has the forum a U.S. senator can command. With rare exceptions, scientists can marshal media attention on the climate change issue only by spouting the party line that man-made emissions are causing Earth to warm. That's the sort of stuff the press laps up like a starving dog.

Without the wind of a compliant media at his back, Inhofe nevertheless got his message out to America, primarily through C-Span and the Drudge Report, which linked to his speeches at the Web site of the Senate Committee on Environment and Public Works.

Among those responding to Inhofe's first speech included a scientist and a meteorologist. Both hold views on global warming that are in line with the senator's — which puts them at odds with the environmental lobby's assertions of "consensus" that have been relentlessly beaten into the masses for more than a decade.

The most important audience, though, is among the Americans who have no links to science. They're the ones who have a lot to learn and will benefit the most from someone who has mass access to the public and is willing to challenge the widely — and often uncritically — accepted claims about climate change.

Click Here For the Editorial: <http://www.investors.com/editorial/editorialcontent.asp?secid=1501&status=article&id=244422982711443>

THE WALL STREET JOURNAL

There Is No 'Consensus' On Global Warming

By Richard S. Lindzen

<http://epw.senate.gov/fact.cfm?party=rep&id=257863>

Mr. Lindzen is the Alfred P. Sloan Professor of Atmospheric Science at MIT.
June 26, 2006; Page A14

According to Al Gore's new film "An Inconvenient Truth," we're in for "a planetary emergency": melting ice sheets, huge increases in sea levels, more and stronger hurricanes and invasions of tropical disease, among other cataclysms -- unless we change the way we live...

Mr. Gore assures us that "the debate in the scientific community is over." That statement, which Mr. Gore made in an interview with George Stephanopoulos on ABC, ought to have been followed by an asterisk. What exactly is this debate that Mr. Gore is referring to? Is there really a scientific community that is debating all these issues and then somehow agreeing in unison? Far from such a thing being over, it has never been clear to me what this "debate" actually is in the first place.

The media rarely help, of course. When Newsweek featured global warming in a 1988 issue, it was claimed that all scientists agreed. Periodically thereafter it was revealed that although there had been lingering doubts beforehand, now all scientists did indeed agree. Even Mr. Gore qualified his statement on ABC only a few minutes after he made it, clarifying things in an important way. When Mr. Stephanopoulos confronted Mr. Gore with the fact that the best estimates of rising sea levels are far less dire than he suggests in his movie, Mr. Gore defended his claims by noting that scientists "don't have any models that give them a high level of confidence" one way or the other and went on to claim -- in his defense -- that scientists "don't know... They just don't know."

So, presumably, those scientists do not belong to the "consensus." Yet their research is forced, whether the evidence supports it or not, into Mr. Gore's preferred global-warming template -- namely, shrill alarmism. To believe it requires that one ignore the truly inconvenient facts. To take the issue of rising sea levels, these include: that the Arctic was as warm or warmer in 1940; that icebergs have been known since time immemorial; that the evidence so far suggests that the Greenland ice sheet is actually growing on average. A likely result of all this is increased pressure pushing ice off the coastal perimeter of that country, which is depicted so ominously in Mr. Gore's movie. In the absence of factual context, these images are perhaps dire or alarming.

They are less so otherwise. Alpine glaciers have been retreating since the early 19th century, and were advancing for several centuries before that. Since about 1970, many of the glaciers have stopped retreating and some are now advancing again. And, frankly, we don't know why...

A general characteristic of Mr. Gore's approach is to assiduously ignore the fact that the earth and its climate are dynamic; they are always changing even without any external forcing. To treat all change as something to fear is bad enough; to do so in order to exploit that fear is much worse. Regardless, these items are clearly not issues over which debate is ended -- at least not in terms of the actual science.

A clearer claim as to what debate has ended is provided by the environmental journalist Gregg

Easterbrook. He concludes that the scientific community now agrees that significant warming is occurring, and that there is clear evidence of human influences on the climate system. This is still a most peculiar claim. At some level, it has never been widely contested. Most of the climate community has agreed since 1988 that global mean temperatures have increased on the order of one degree Fahrenheit over the past century, having risen significantly from about 1919 to 1940, decreased between 1940 and the early '70s, increased again until the '90s, and remaining essentially flat since 1998...

Given that we do not understand the natural internal variability of climate change, this task is currently impossible. Nevertheless there has been a persistent effort to suggest otherwise, and with surprising impact. Thus, although the conflicted state of the affair was accurately presented in the 1996 text of the Intergovernmental Panel on Climate Change (IPCC), the infamous "summary for policy makers" reported ambiguously that "The balance of evidence suggests a discernible human influence on global climate." This sufficed as the smoking gun for Kyoto.

The next IPCC report again described the problems surrounding what has become known as the attribution issue: that is, to explain what mechanisms are responsible for observed changes in climate. Some deployed the lassitude argument -- e.g., we can't think of an alternative -- to support human attribution. But the "summary for policy makers" claimed in a manner largely unrelated to the actual text of the report that "In the light of new evidence and taking into account the remaining uncertainties, most of the observed warming over the last 50 years is likely to have been due to the increase in greenhouse gas concentrations."

In a similar vein, the National Academy of Sciences issued a brief (15-page) report responding to questions from the White House. It again enumerated the difficulties with attribution, but again the report was preceded by a front end that ambiguously claimed that "The changes observed over the last several decades are likely mostly due to human activities, but we cannot rule out that some significant part of these changes is also a reflection of natural variability." This was sufficient for CNN's Michelle Mitchell to presciently declare that the report represented a "unanimous decision that global warming is real, is getting worse and is due to man. There is no wiggle room." Well, no.

More recently, a study in the journal *Science* by the social scientist Nancy Oreskes claimed that a search of the ISI Web of Knowledge Database for the years 1993 to 2003 under the key words "global climate change" produced 928 articles, all of whose abstracts supported what she referred to as the consensus view. A British social scientist, Benny Peiser, checked her procedure and found that only 913 of the 928 articles had abstracts at all, and that only 13 of the remaining 913 explicitly endorsed the so-called consensus view. Several actually opposed it.

Even more recently, the Climate Change Science Program, the Bush administration's coordinating agency for global-warming research, declared it had found "clear evidence of human influences on the climate system." This, for Mr. Easterbrook, meant: "Case closed." What exactly was this evidence? The models imply that greenhouse warming should impact atmospheric temperatures more than surface temperatures, and yet satellite data showed no warming in the atmosphere since 1979. The report showed that selective corrections to the atmospheric data could lead to some warming, thus reducing the conflict between observations and models descriptions of what greenhouse warming should look like. That, to me, means the case is still very much open.

So what, then, is one to make of this alleged debate? I would suggest at least three points.

First, nonscientists generally do not want to bother with understanding the science. Claims of consensus

relieve policy types, environmental advocates and politicians of any need to do so. Such claims also serve to intimidate the public and even scientists -- especially those outside the area of climate dynamics. Secondly, given that the question of human attribution largely cannot be resolved, its use in promoting visions of disaster constitutes nothing so much as a bait-and-switch scam. That is an inauspicious beginning to what Mr. Gore claims is not a political issue but a "moral" crusade. Lastly, there is a clear attempt to establish truth not by scientific methods but by perpetual repetition. An earlier attempt at this was accompanied by tragedy. Perhaps Marx was right. This time around we may have farce -- if we're lucky.

Click Here for the Op/Ed: http://online.wsj.com/article_print/SB115127582141890238.html

THE NATIONAL POST

Open Kyoto To Debate Sixty Scientists Call On Harper To Revisit The Science Of Global Warming

Special to the Financial Post,

Thursday, April 06, 2006

An open letter to Prime Minister Stephen Harper:

Dear Prime Minister:

As accredited experts in climate and related scientific disciplines, we are writing to propose that balanced, comprehensive public-consultation sessions be held so as to examine the scientific foundation of the federal government's climate-change plans. This would be entirely consistent with your recent commitment to conduct a review of the Kyoto Protocol. Although many of us made the same suggestion to then-prime ministers Martin and Chretien, neither responded, and, to date, no formal, independent climate-science review has been conducted in Canada. Much of the billions of dollars earmarked for implementation of the protocol in Canada will be squandered without a proper assessment of recent developments in climate science.

Observational evidence does not support today's computer climate models, so there is little reason to trust model predictions of the future. Yet this is precisely what the United Nations did in creating and promoting Kyoto and still does in the alarmist forecasts on which Canada's climate policies are based. Even if the climate models were realistic, the environmental impact of Canada delaying implementation of Kyoto or other greenhouse-gas reduction schemes, pending completion of consultations, would be insignificant. Directing your government to convene balanced, open hearings as soon as possible would be a most prudent and responsible course of action.

While the confident pronouncements of scientifically unqualified environmental groups may provide for sensational headlines, they are no basis for mature policy formulation. The study of global climate change is, as you have said, an "emerging science," one that is perhaps the most complex ever tackled. It may be many years yet before we properly understand the Earth's climate system. Nevertheless, significant advances have been made since the protocol was created, many of which are taking us away from a concern about increasing greenhouse gases. If, back in the mid-1990s, we knew what we know today about climate, Kyoto would almost certainly not exist, because we would have concluded it was not necessary.

We appreciate the difficulty any government has formulating sensible science-based policy when the loudest voices always seem to be pushing in the opposite direction. However, by convening open, unbiased consultations, Canadians will be permitted to hear from experts on both sides of the debate in the climate-science community. When the public comes to understand that there is no "consensus" among climate scientists about the relative importance of the various causes of global climate change, the government will be in a far better position to develop plans that reflect reality and so benefit both the environment and the economy.

"Climate change is real" is a meaningless phrase used repeatedly by activists to convince the public that a climate catastrophe is looming and humanity is the cause. Neither of these fears is justified. Global

climate changes all the time due to natural causes and the human impact still remains impossible to distinguish from this natural “noise.” The new Canadian government’s commitment to reducing air, land and water pollution is commendable, but allocating funds to “stopping climate change” would be irrational. We need to continue intensive research into the real causes of climate change and help our most vulnerable citizens adapt to whatever nature throws at us next.

We believe the Canadian public and government decision-makers need and deserve to hear the whole story concerning this very complex issue. It was only 30 years ago that many of today’s global-warming alarmists were telling us that the world was in the midst of a global-cooling catastrophe. But the science continued to evolve, and still does, even though so many choose to ignore it when it does not fit with predetermined political agendas.

We hope that you will examine our proposal carefully and we stand willing and able to furnish you with more information on this crucially important topic.

CC: The Honourable Rona Ambrose, Minister of the Environment, and the Honourable Gary Lunn, Minister of Natural Resources

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Sincerely,

Dr. Ian D. Clark, professor, isotope hydrogeology and paleoclimatology, Dept. of Earth Sciences, University of Ottawa

Dr. Tad Murty, former senior research scientist, Dept. of Fisheries and Oceans, former director of Australia’s National Tidal Facility and professor of earth sciences, Flinders University, Adelaide; currently adjunct professor, Departments of Civil Engineering and Earth Sciences, University of Ottawa

Dr. R. Timothy Patterson, professor, Dept. of Earth Sciences (paleoclimatology), Carleton University, Ottawa

Dr. Fred Michel, director, Institute of Environmental Science and associate professor, Dept. of Earth Sciences, Carleton University, Ottawa

Dr. Madhav Khandekar, former research scientist, Environment Canada. Member of editorial board of Climate Research and Natural Hazards

Dr. Paul Copper, FRSC, professor emeritus, Dept. of Earth Sciences, Laurentian University, Sudbury, Ont.

Dr. Ross McKittrick, associate professor, Dept. of Economics, University of Guelph, Ont.

Dr. Tim Ball, former professor of climatology, University of Winnipeg; environmental consultant

Dr. Andreas Prokoph, adjunct professor of earth sciences, University of Ottawa; consultant in statistics and geology

Mr. David Nowell, M.Sc. (Meteorology), fellow of the Royal Meteorological Society, Canadian member and past chairman of the NATO Meteorological Group, Ottawa

Dr. Christopher Essex, professor of applied mathematics and associate director of the Program in

Theoretical Physics, University of Western Ontario, London, Ont.

Dr. Gordon E. Swaters, professor of applied mathematics, Dept. of Mathematical Sciences, and member, Geophysical Fluid Dynamics Research Group, University of Alberta

Dr. L. Graham Smith, associate professor, Dept. of Geography, University of Western Ontario, London, Ont.

Dr. G. Cornelis van Kooten, professor and Canada Research Chair in environmental studies and climate change, Dept. of Economics, University of Victoria

Dr. Petr Chylek, adjunct professor, Dept. of Physics and Atmospheric Science, Dalhousie University, Halifax

Dr./Cdr. M. R. Morgan, FRMS, climate consultant, former meteorology advisor to the World Meteorological Organization. Previously research scientist in climatology at University of Exeter, U.K.

Dr. Keith D. Hage, climate consultant and professor emeritus of Meteorology, University of Alberta

Dr. David E. Wojcik, P.Eng., energy consultant, Star Tannery, Va., and Sioux Lookout, Ont.

Rob Scagel, M.Sc., forest microclimate specialist, principal consultant, Pacific Phytometric Consultants, Surrey, B.C.

Dr. Douglas Leahey, meteorologist and air-quality consultant, Calgary

Paavo Siitam, M.Sc., agronomist, chemist, Cobourg, Ont.

Dr. Chris de Freitas, climate scientist, associate professor, The University of Auckland, N.Z.

Dr. Richard S. Lindzen, Alfred P. Sloan professor of meteorology, Dept. of Earth, Atmospheric and Planetary Sciences, Massachusetts Institute of Technology

Dr. Freeman J. Dyson, emeritus professor of physics, Institute for Advanced Studies, Princeton, N.J.

Mr. George Taylor, Dept. of Meteorology, Oregon State University; Oregon State climatologist; past president, American Association of State Climatologists

Dr. Ian Plimer, professor of geology, School of Earth and Environmental Sciences, University of Adelaide; emeritus professor of earth sciences, University of Melbourne, Australia

Dr. R.M. Carter, professor, Marine Geophysical Laboratory, James Cook University, Townsville, Australia

Mr. William Kininmonth, Australasian Climate Research, former Head National Climate Centre, Australian Bureau of Meteorology; former Australian delegate to World Meteorological Organization Commission for Climatology, Scientific and Technical Review

Dr. Hendrik Tennekes, former director of research, Royal Netherlands Meteorological Institute

Dr. Gerrit J. van der Lingen, geologist/paleoclimatologist, Climate Change Consultant, Geoscience Research and Investigations, New Zealand

Dr. Patrick J. Michaels, professor of environmental sciences, University of Virginia

Dr. Nils-Axel Morner, emeritus professor of paleogeophysics & geodynamics, Stockholm University, Stockholm, Sweden

Dr. Gary D. Sharp, Center for Climate/Ocean Resources Study, Salinas, Calif.

Dr. Roy W. Spencer, principal research scientist, Earth System Science Center, The University of Alabama, Huntsville

Dr. Al Pekarek, associate professor of geology, Earth and Atmospheric Sciences Dept., St. Cloud State University, St. Cloud, Minn.

Dr. Marcel Leroux, professor emeritus of climatology, University of Lyon, France; former director of Laboratory of Climatology, Risks and Environment, CNRS

Dr. Paul Reiter, professor, Institut Pasteur, Unit of Insects and Infectious Diseases, Paris, France. Expert reviewer, IPCC Working group II, chapter 8 (human health)

Dr. Zbigniew Jaworowski, physicist and chairman, Scientific Council of Central Laboratory for Radiological Protection, Warsaw, Poland

Dr. Sonja Boehmer-Christiansen, reader, Dept. of Geography, University of Hull, U.K.; editor, Energy & Environment

Dr. Hans H.J. Labohm, former advisor to the executive board, Clingendael Institute (The Netherlands Institute of International Relations) and an economist who has focused on climate change

Dr. Lee C. Gerhard, senior scientist emeritus, University of Kansas, past director and state geologist, Kansas Geological Survey

Dr. Asmund Moene, past head of the Forecasting Centre, Meteorological Institute, Norway

Dr. August H. Auer, past professor of atmospheric science, University of Wyoming; previously chief meteorologist, Meteorological Service (MetService) of New Zealand

Dr. Vincent Gray, expert reviewer for the IPCC and author of *The Greenhouse Delusion: A Critique of 'Climate Change 2001,'* Wellington, N.Z.

Dr. Howard Hayden, emeritus professor of physics, University of Connecticut

Dr Benny Peiser, professor of social anthropology, Faculty of Science, Liverpool John Moores University, U.K.

Dr. Jack Barrett, chemist and spectroscopist, formerly with Imperial College London, U.K.

Dr. William J.R. Alexander, professor emeritus, Dept. of Civil and Biosystems Engineering, University of Pretoria, South Africa. Member, United Nations Scientific and Technical Committee on Natural Disasters, 1994-2000

Dr. S. Fred Singer, professor emeritus of environmental sciences, University of Virginia; former director, U.S. Weather Satellite Service

Dr. Harry N.A. Priem, emeritus professor of planetary geology and isotope geophysics, Utrecht University; former director of the Netherlands Institute for Isotope Geosciences; past president of the

Royal Netherlands Geological & Mining Society

Dr. Robert H. Essenhigh, E.G. Bailey professor of energy conversion, Dept. of Mechanical Engineering, The Ohio State University

Dr. Sallie Baliunas, astrophysicist and climate researcher, Boston, Mass.

Douglas Hoyt, senior scientist at Raytheon (retired) and co-author of the book *The Role of the Sun in Climate Change*; previously with NCAR, NOAA, and the World Radiation Center, Davos, Switzerland

Dipl.-Ing. Peter Dietze, independent energy advisor and scientific climate and carbon modeller, official IPCC reviewer, Bavaria, Germany

Dr. Boris Winterhalter, senior marine researcher (retired), Geological Survey of Finland, former professor in marine geology, University of Helsinki, Finland

Dr. Wibjorn Karlen, emeritus professor, Dept. of Physical Geography and Quaternary Geology, Stockholm University, Sweden

Dr. Hugh W. Ellsaesser, physicist/meteorologist, previously with the Lawrence Livermore National Laboratory, Calif.; atmospheric consultant.

Dr. Art Robinson, founder, Oregon Institute of Science and Medicine, Cave Junction, Ore.

Dr. Arthur Rorsch, emeritus professor of molecular genetics, Leiden University, The Netherlands; past board member, Netherlands organization for applied research (TNO) in environmental, food and public health

Dr. Alister McFarquhar, Downing College, Cambridge, U.K.; international economist

Dr. Richard S. Courtney, climate and atmospheric science consultant, IPCC expert reviewer, U.K.

Click Here for the Letter to the Editor: <http://www.canada.com/nationalpost/financialpost/story.html?id=3711460e-bd5a-475d-a6be-4db87559d605>

