

U.S. Senate Report: Over 400 Prominent Scientists Disputed Man-Made Global Warming Claims in 2007

Senate Report Debunks "Consensus"

http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord_id=f80a6386-802a-23ad-40c8-3c63dc2d02cb

Complete U.S. Senate Report Now Available: ([LINK](#))

INTRODUCTION:

Over 400 prominent scientists from more than two dozen countries recently voiced significant objections to major aspects of the so-called "consensus" on man-made global warming. These scientists, many of whom are current and former participants in the UN IPCC (Intergovernmental Panel on Climate Change), criticized the climate claims made by the UN IPCC and former Vice President Al Gore.

The new report issued by the Senate Environment and Public Works Committee's office of the GOP Ranking Member details the views of the scientists, the overwhelming majority of whom spoke out in 2007.

Even some in the establishment media now appear to be taking notice of the growing number of skeptical scientists. In October, the Washington Post Staff Writer Juliet Eilperin conceded the obvious, writing that climate skeptics "appear to be expanding rather than shrinking." Many scientists from around the world have dubbed 2007 as the year man-made global warming fears "bite the dust." ([LINK](#)) In addition, many scientists who are also progressive environmentalists believe climate fear promotion has "co-opted" the green movement. ([LINK](#))

This blockbuster Senate report lists the scientists by name, country of residence, and academic/institutional affiliation. It also features their own words, biographies, and weblinks to their peer reviewed studies and original source materials as gathered from public statements, various news outlets, and websites in 2007. This new "consensus busters" report is poised to redefine the debate.

Many of the scientists featured in this report consistently stated that numerous colleagues shared their views, but they will not speak out publicly for fear of retribution. Atmospheric scientist Dr. Nathan Paldor, Professor of Dynamical Meteorology and Physical Oceanography at the Hebrew University of Jerusalem, author of almost 70 peer-reviewed studies, explains how many of his fellow scientists have been intimidated.

"Many of my colleagues with whom I spoke share these views and report on their inability to publish their skepticism in the scientific or public media," Paldor wrote. *[Note: See also July 2007 Senate report detailing how skeptical scientists have faced threats and intimidation - [LINK](#)]*

Scientists from Around the World Dissent

This new report details how teams of international scientists are dissenting from the UN IPCC's view of climate science. In such nations as [Germany](#), [Brazil](#), the [Netherlands](#), [Russia](#), [New Zealand](#) and [France](#),

nations, scientists banded together in 2007 to oppose climate alarmism. In addition, over 100 prominent international scientists sent an open letter in December 2007 to the UN stating attempts to control climate were “futile.” ([LINK](#))

Paleoclimatologist Dr. Tim Patterson, professor in the department of Earth Sciences at Carleton University in Ottawa, recently converted from a believer in man-made climate change to a skeptic. Patterson noted that the notion of a “consensus” of scientists aligned with the UN IPCC or former Vice President Al Gore is false. “I was at the Geological Society of America meeting in Philadelphia in the fall and I would say that people with my opinion were probably in the majority.”

This new committee report, a first of its kind, comes after the UN IPCC chairman Rajendra Pachauri implied that there were only “about a dozen” skeptical scientists left in the world. ([LINK](#)) Former Vice President Gore has claimed that scientists skeptical of climate change are akin to “flat Earth society members” and similar in number to those who “believe the moon landing was actually staged in a movie lot in Arizona.” ([LINK](#)) & ([LINK](#))

The distinguished scientists featured in this new report are experts in diverse fields, including: climatology; geology; biology; glaciology; biogeography; meteorology; oceanography; economics; chemistry; mathematics; environmental sciences; engineering; physics and paleoclimatology. Some of those profiled have won Nobel Prizes for their outstanding contribution to their field of expertise and many shared a portion of the UN IPCC Nobel Peace Prize with Vice President Gore.

Additionally, these scientists hail from prestigious institutions worldwide, including: Harvard University; NASA; National Oceanic and Atmospheric Administration (NOAA) and the National Center for Atmospheric Research (NCAR); Massachusetts Institute of Technology; the UN IPCC; the Danish National Space Center; U.S. Department of Energy; Princeton University; the Environmental Protection Agency; University of Pennsylvania; Hebrew University of Jerusalem; the International Arctic Research Centre; the Pasteur Institute in Paris; the Belgian Weather Institute; Royal Netherlands Meteorological Institute; the University of Helsinki; the National Academy of Sciences of the U.S., France, and Russia; the University of Pretoria; University of Notre Dame; Stockholm University; University of Melbourne; Columbia University; the World Federation of Scientists; and the University of London.

The voices of many of these hundreds of scientists serve as a direct challenge to the often media-hyped “consensus” that the debate is “settled.”

A May 2007 Senate report detailed scientists who had recently converted from believers in man-made global warming to skepticism. [*See May 15, 2007 report: Climate Momentum Shifting: Prominent Scientists Reverse Belief in Man-made Global Warming - Now Skeptics: Growing Number of Scientists Convert to Skeptics After Reviewing New Research – ([LINK](#)) - In addition, an August 2007 report detailed how proponents of man-made global warming fears enjoy a monumental funding advantage over skeptical scientists. ([LINK](#))*]

This report counters the claims made by the promoters of man-made global warming fears that the number of skeptical scientists is dwindling.

Examples of “consensus” claims made by promoters of man-made climate fears:

Former Vice President Al Gore (November 5, 2007): “There are still people who believe that the Earth is flat.” ([LINK](#)) Gore also compared global warming skeptics to people who “believe the moon landing

was actually staged in a movie lot in Arizona' (June 20, 2006 - [LINK](#))

CNN's Miles O'Brien (July 23, 2007): The scientific debate is over." "We're done." O'Brien also declared on CNN on February 9, 2006 that scientific skeptics of man-made catastrophic global warming "are bought and paid for by the fossil fuel industry, usually." ([LINK](#))

On July 27, 2006, Associated Press reporter Seth Borenstein described a scientist as "one of the few remaining scientists skeptical of the global warming harm caused by industries that burn fossil fuels." ([LINK](#))

Dr. Rajendra Pachauri, Chairman of the IPCC view on the number of skeptical scientists as quoted on Feb. 20, 2003: "About 300 years ago, a Flat Earth Society was founded by those who did not believe the world was round. That society still exists; it probably has about a dozen members." ([LINK](#))

Agence France-Press (AFP Press) article (December 4, 2007): The article noted that a prominent skeptic "finds himself increasingly alone in his claim that climate change poses no imminent threat to the planet."

Andrew Dessler in the eco-publication Grist Magazine (November 21, 2007): "While some people claim there are lots of skeptical climate scientists out there, if you actually try to find one, you keep turning up the same two dozen or so (e.g., Singer, Lindzen, Michaels, Christy, etc., etc.). These skeptics are endlessly recycled by the denial machine, so someone not paying close attention might think there are lots of them out there -- but that's not the case." ([LINK](#))

The Washington Post asserted on May 23, 2006 that there were only "a handful of skeptics" of man-made climate fears. ([LINK](#))

UN special climate envoy Dr. Gro Harlem Brundtland on May 10, 2007 declared the climate debate "over" and added "it's completely immoral, even, to question" the UN's scientific "consensus." ([LINK](#))

ABC News Global Warming Reporter Bill Blakemore reported on August 30, 2006: "After extensive searches, ABC News has found no such [scientific] debate" on global warming. ([LINK](#))

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Brief highlights of the report featuring over 400 international scientists:

Israel: Dr. Nathan Paldor, Professor of Dynamical Meteorology and Physical Oceanography at the Hebrew University of Jerusalem has authored almost 70 peer-reviewed studies and won several awards. "First, temperature changes, as well as rates of temperature changes (both increase and decrease) of magnitudes similar to that reported by IPCC to have occurred since the Industrial revolution (about 0.8C in 150 years or even 0.4C in the last 35 years) have occurred in Earth's climatic history. There's nothing special about the recent rise!"

Russia: Russian scientist Dr. Oleg Sorochtin of the Institute of Oceanology at the Russian Academy of Sciences has authored more than 300 studies, nine books, and a 2006 paper titled "The Evolution and the Prediction of Global Climate Changes on Earth." "Even if the concentration of 'greenhouse gases' double man would not perceive the temperature impact," Sorochtin wrote.

Spain: Anton Uriarte, a professor of Physical Geography at the University of the Basque Country in Spain and author of a book on the paleoclimate, rejected man-made climate fears in 2007. "There's no need to be worried. It's very interesting to study [climate change], but there's no need to be worried," Uriarte wrote.

Netherlands: Atmospheric scientist Dr. Hendrik Tennekes, a scientific pioneer in the development of numerical weather prediction and former director of research at The Netherlands' Royal National Meteorological Institute, and an internationally recognized expert in atmospheric boundary layer processes, "I find the Doomsday picture Al Gore is painting – a six-meter sea level rise, fifteen times the IPCC number – entirely without merit," Tennekes wrote. "I protest vigorously the idea that the climate reacts like a home heating system to a changed setting of the thermostat: just turn the dial, and the desired temperature will soon be reached."

Brazil: Chief Meteorologist Eugenio Hackbart of the MetSul Meteorologia Weather Center in Sao Leopoldo – Rio Grande do Sul, Brazil declared himself a skeptic. "The media is promoting an unprecedented hyping related to global warming. The media and many scientists are ignoring very important facts that point to a natural variation in the climate system as the cause of the recent global warming," Hackbart wrote on May 30, 2007.

France: Climatologist Dr. Marcel Leroux, former professor at Université Jean Moulin and director of the Laboratory of Climatology, Risks, and Environment in Lyon, is a climate skeptic. Leroux wrote a 2005 book titled *Global Warming – Myth or Reality? - The Erring Ways of Climatology*. "Day after day, the same mantra - that 'the Earth is warming up' - is churned out in all its forms. As 'the ice melts' and 'sea level rises,' the Apocalypse looms ever nearer! Without realizing it, or perhaps without wishing to, the average citizen in bamboozled, lobotomized, lulled into mindless acceptance. ... Non-believers in the greenhouse scenario are in the position of those long ago who doubted the existence of God ... fortunately for them, the Inquisition is no longer with us!"

Norway: Geologist/Geochemist Dr. Tom V. Segalstad, a professor and head of the Geological Museum at the University of Oslo and formerly an expert reviewer with the UN IPCC: "It is a search for a mythical CO2 sink to explain an immeasurable CO2 lifetime to fit a hypothetical CO2 computer model that purports to show that an impossible amount of fossil fuel burning is heating the atmosphere. It is all a fiction."

Finland: Dr. Boris Winterhalter, retired Senior Marine Researcher of the Geological Survey of Finland and former professor of marine geology at University of Helsinki, criticized the media for what he considered its alarming climate coverage. "The effect of solar winds on cosmic radiation has just recently been established and, furthermore, there seems to be a good correlation between cloudiness and variations in the intensity of cosmic radiation. Here we have a mechanism which is a far better explanation to variations in global climate than the attempts by IPCC to blame it all on anthropogenic input of greenhouse gases."

Germany: Paleoclimate expert Augusto Mangini of the University of Heidelberg in Germany, criticized the UN IPCC summary. "I consider the part of the IPCC report, which I can really judge as an expert, i.e. the reconstruction of the paleoclimate, wrong," Mangini noted in an April 5, 2007 article. He added: "The earth will not die."

Canada: IPCC 2007 Expert Reviewer Madhav Khandekar, a Ph.D meteorologist, a scientist with

the Natural Resources Stewardship Project who has over 45 years experience in climatology, meteorology and oceanography, and who has published nearly 100 papers, reports, book reviews and a book on Ocean Wave Analysis and Modeling: “To my dismay, IPCC authors ignored all my comments and suggestions for major changes in the FOD (First Order Draft) and sent me the SOD (Second Order Draft) with essentially the same text as the FOD. None of the authors of the chapter bothered to directly communicate with me (or with other expert reviewers with whom I communicate on a regular basis) on many issues that were raised in my review. This is not an acceptable scientific review process.”

Czech Republic: Czech-born U.S. climatologist Dr. George Kukla, a research scientist with the Lamont-Doherty Earth Observatory at Columbia University, expressed climate skepticism in 2007. “The only thing to worry about is the damage that can be done by worrying. Why are some scientists worried? Perhaps because they feel that to stop worrying may mean to stop being paid,” Kukla told Gelf Magazine on April 24, 2007.

India: One of India's leading geologists, B.P. Radhakrishna, President of the Geological Society of India, expressed climate skepticism in 2007. “We appear to be overplaying this global warming issue as global warming is nothing new. It has happened in the past, not once but several times, giving rise to glacial-interglacial cycles.”

USA: Climatologist Robert Durrenberger, past president of the American Association of State Climatologists, and one of the climatologists who gathered at Woods Hole to review the National Climate Program Plan in July, 1979: “Al Gore brought me back to the battle and prompted me to do renewed research in the field of climatology. And because of all the misinformation that Gore and his army have been spreading about climate change I have decided that ‘real’ climatologists should try to help the public understand the nature of the problem.”

Italy: Internationally renowned scientist Dr. Antonio Zichichi, president of the World Federation of Scientists and a retired Professor of Advanced Physics at the University of Bologna in Italy, who has published over 800 scientific papers: “Significant new peer-reviewed research has cast even more doubt on the hypothesis of dangerous human-caused global warming.”

New Zealand: IPCC reviewer and climate researcher and scientist Dr. Vincent Gray, an expert reviewer on every single draft of the IPCC reports going back to 1990 and author of The Greenhouse Delusion: A Critique of "Climate Change 2001: “The [IPCC] ‘Summary for Policymakers’ might get a few readers, but the main purpose of the report is to provide a spurious scientific backup for the absurd claims of the worldwide environmentalist lobby that it has been established scientifically that increases in carbon dioxide are harmful to the climate. It just does not matter that this ain't so.”

South Africa: Dr. Kelvin Kemm, formerly a scientist at South Africa's Atomic Energy Corporation who holds degrees in nuclear physics and mathematics: “The global-warming mania continues with more and more hype and less and less thinking. With religious zeal, people look for issues or events to blame on global warming.”

Poland: Physicist Dr. Zbigniew Jaworowski, Chairman of the Central Laboratory for the United Nations Scientific Committee on the Effects of Radiological Protection in Warsaw: “We thus find ourselves in the situation that the entire theory of man-made global warming—with its repercussions in science, and its important consequences for politics and the global economy—is based on ice core studies

that provided a false picture of the atmospheric CO2 levels.”

Australia: Prize-winning Geologist Dr. Ian Plimer, a professor of Earth and Environmental Sciences at the University of Adelaide in Australia: "There is new work emerging even in the last few weeks that shows we can have a very close correlation between the temperatures of the Earth and supernova and solar radiation.”

Britain: Dr. Richard Courtney, a UN IPCC expert reviewer and a UK-based climate and atmospheric science consultant: “To date, no convincing evidence for AGW (anthropogenic global warming) has been discovered. And recent global climate behavior is not consistent with AGW model predictions.”

China: Chinese Scientists Say CO2 Impact on Warming May Be ‘Excessively Exaggerated’ – Scientists Lin Zhen-Shan’s and Sun Xian’s 2007 study published in the peer-reviewed journal Meteorology and Atmospheric Physics: "Although the CO2 greenhouse effect on global climate change is unsuspecting, it could have been excessively exaggerated." Their study asserted that "it is high time to reconsider the trend of global climate change.”

Denmark: Space physicist Dr. Eigil Friis-Christensen is the director of the Danish National Space Centre, a member of the space research advisory committee of the Swedish National Space Board, a member of a NASA working group, and a member of the European Space Agency who has authored or co-authored around 100 peer-reviewed papers and chairs the Institute of Space Physics: “The sun is the source of the energy that causes the motion of the atmosphere and thereby controls weather and climate. Any change in the energy from the sun received at the Earth’s surface will therefore affect climate.”

Belgium: Climate scientist Luc Debontridder of the Belgium Weather Institute’s Royal Meteorological Institute (RMI) co-authored a study in August 2007 which dismissed a decisive role of CO2 in global warming: "CO2 is not the big bogeyman of climate change and global warming. “Not CO2, but water vapor is the most important greenhouse gas. It is responsible for at least 75 % of the greenhouse effect. This is a simple scientific fact, but Al Gore's movie has hyped CO2 so much that nobody seems to take note of it.”

Sweden: Geologist Dr. Wibjorn Karlen, professor emeritus of the Department of Physical Geography and Quaternary Geology at Stockholm University, critiqued the Associated Press for hyping promoting climate fears in 2007. “Another of these hysterical views of our climate. Newspapers should think about the damage they are doing to many persons, particularly young kids, by spreading the exaggerated views of a human impact on climate.”

USA: Dr. David Wojick is a UN IPCC expert reviewer, who earned his PhD in Philosophy of Science and co-founded the Department of Engineering and Public Policy at Carnegie-Mellon University: “In point of fact, the hypothesis that solar variability and not human activity is warming the oceans goes a long way to explain the puzzling idea that the Earth's surface may be warming while the atmosphere is not. The GHG (greenhouse gas) hypothesis does not do this.” Wojick added: “The public is not well served by this constant drumbeat of false alarms fed by computer models manipulated by advocates.”

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Background: Only 52 Scientists Participated in UN IPCC Summary

The over 400 skeptical scientists featured in this new report outnumber by nearly eight times the number of scientists who participated in the 2007 UN IPCC Summary for Policymakers. The notion of “hundreds” or “thousands” of UN scientists agreeing to a scientific statement does not hold up to scrutiny. (See report debunking “consensus” [LINK](#)) Recent research by Australian climate data analyst John McLean revealed that the IPCC’s peer-review process for the Summary for Policymakers leaves much to be desired. ([LINK](#)) & ([LINK](#))

Proponents of man-made global warming like to note how the National Academy of Sciences (NAS) and the American Meteorological Society (AMS) have issued statements endorsing the so-called “consensus” view that man is driving global warming. But both the NAS and AMS never allowed member scientists to directly vote on these climate statements. Essentially, only two dozen or so members on the governing boards of these institutions produced the “consensus” statements. This report gives a voice to the rank-and-file scientists who were shut out of the process. ([LINK](#))

The most recent attempt to imply there was an overwhelming scientific “consensus” in favor of man-made global warming fears came in December 2007 during the UN climate conference in Bali. A letter signed by only 215 scientists urged the UN to mandate deep cuts in carbon dioxide emissions by 2050. But absent from the letter were the signatures of these alleged “thousands” of scientists. (See AP article: - [LINK](#))

UN IPCC chairman Rajendra Pachauri urged the world at the December 2007 UN climate conference in Bali, Indonesia to “Please listen to the voice of science.”

The science has continued to grow loud and clear in 2007. In addition to the growing number of scientists expressing skepticism, an abundance of recent peer-reviewed studies have cast considerable doubt about man-made global warming fears. A November 3, 2007 peer-reviewed study found that “solar changes significantly alter climate.” ([LINK](#)) A December 2007 peer-reviewed study recalculated and halved the global average surface temperature trend between 1980 – 2002. ([LINK](#)) Another new study found the Medieval Warm Period “0.3C warmer than 20th century” ([LINK](#))

A peer-reviewed study by a team of scientists found that “warming is naturally caused and shows no human influence.” ([LINK](#)) – Another November 2007 peer-reviewed study in the journal Physical Geography found “Long-term climate change is driven by solar insolation changes.” ([LINK](#)) These recent studies were in addition to the abundance of peer-reviewed studies earlier in 2007. - See “New Peer-Reviewed Scientific Studies Chill Global Warming Fears” ([LINK](#))

With this new report of profiling 400 skeptical scientists, the world can finally hear the voices of the “silent majority” of scientists.

LINKS TO COMPLETE U.S. SENATE REPORT: Over 400 Prominent Scientists Disputed Man-Made Global Warming Claims in 2007

Complete Report: ([LINK](#)) - Released December 20, 2007 - U.S. Senate Environment and Public Works Committee (Minority)

Complete Report w/out Intro: ([LINK](#))

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The Weather Channel Climate Expert Refuses to Retract Call for Decertification for Global Warming Skeptics

New UN Children's Book Promotes Global Warming Fears to Kids (11-13-2006)

Senator Inhofe Announces Public Release Of "Skeptic's Guide To Debunking Global Warming"