

Update: More Than 700 International Scientists Dissent Over Man-Made Global Warming Claims

Outpouring of Skeptical Scientists Continues as 59 Scientists Added to Senate Report

‘The science has, quite simply, gone awry’

[Link to Introduction of Report](#)

[Link to Full Printable 255-Page PDF Report](#)

Washington, DC: Fifty-nine additional scientists from around the world have been added to the U.S. Senate Minority Report of dissenting scientists, pushing the total to over 700 skeptical international scientists – a dramatic increase from the original 650 scientists featured in [the initial December 11, 2008 release](#). The 59 additional scientists added to the 255-page Senate Minority report since the initial release 13 ½ weeks ago represents an average of over four skeptical scientists a week. This updated report – which includes yet another former UN IPCC scientist – represents an additional 300 (and growing) scientists and climate researchers since the initial report’s release in December 2007.

The over 700 dissenting scientists are now more than [13 times the number of UN scientists](#) (52) who authored the media-hyped IPCC 2007 [Summary for Policymakers](#). The 59 additional scientists hail from all over the world, including Japan, Italy, UK, Czech Republic, Canada, Netherlands, the U.S. and many are affiliated with prestigious institutions including, NASA, U.S. Navy, U.S. Defense Department, Energy Department, U.S. Air Force, the Philosophical Society of Washington (the oldest scientific society in Washington), Princeton University, Tulane University, American University, Oregon State University, U.S. Naval Academy and EPA.

The explosion of skeptical scientific voices is accelerating unabated in 2009. [A March 14, 2009 article in the Australian](#) revealed that Japanese scientists are now at the forefront of rejecting man-made climate fears prompted by the UN IPCC.

Prominent Japanese Geologist Dr. Shigenori Maruyama, a professor at the Tokyo Institute of Technology’s Department of Earth and Planetary Sciences who has authored more than 125 scientific publications, said in March 2009 that “there was widespread skepticism among his colleagues about the IPCC's fourth and latest assessment report that most of the observed global temperature increase since the mid-20th century ‘is very likely due to the observed increase in anthropogenic greenhouse gas concentrations.’” Maruyama noted that when this question was raised at a Japan Geoscience Union symposium last year, [‘the result showed 90 per cent of the participants do not believe the IPCC report.’](#) [Also See: *The prestigious International Geological Congress, dubbed the geologists' equivalent of the Olympic Games, was held in Norway in August 2008 and prominently featured the voices of scientists skeptical of man-made global warming fears. [See: [Skeptical scientists overwhelm conference: '2/3 of presenters and question-askers were hostile to, even dismissive of, the UN IPCC'](#) & see full reports [here](#) & [here](#) –More analyses of recent developments see report’s introduction [here](#).]*

“I do not find the supposed scientific consensus among my colleagues,” noted Earth Scientist Dr. Javier Cuadros on March 3, 2009. Cuadros, of the UK Natural History Museum, specializes in Clay Mineralogy and has published more than 30 scientific papers.

Award-Winning Princeton University Physicist Dr. Robert H. Austin, who has published 170 scientific papers and was elected a member of the U.S. National Academy of Sciences, lamented the current fears over global warming.

“Unfortunately, Climate Science has become Political Science... It is tragic that some perhaps well-meaning but politically motivated scientists who should know better have whipped up a global frenzy about a phenomena which is statistically questionable at best,” Austin told the minority staff on the Environment and Public Works Committee on March 2, 2009.

‘Could turn the climate change world upside down’

The rise in skeptical scientists are responding not only to an increase in dire “predictions” of climate change, but also a [steady stream](#) of [peer-reviewed studies](#), [analyses](#), [real world data](#), and [inconvenient developments](#) have further cast doubts on the claims of man-made global warming fear activists. *The latest peer-reviewed study in Geophysical Research Letters* is being touted as a development that “could turn the climate change world upside down.” The study finds that the “Earth is undergoing natural climate shift.” The March 15, 2009 [article in WISN.com](#) details the research of Dr. Anastasios Tsonis of the University of Wisconsin-Milwaukee. “We realized a lot of changes in the past century from warmer to cooler and then back to warmer were all natural,” Tsonis said. “I don’t think we can say much about what the humans are doing,” he added.

Tsonis further [added](#): “The temperature has flattened and is actually going down. We are seeing a new shift towards cooler temperatures that will last for probably about three decades.” [[See also: Peer-Reviewed Study Finds Global Warming could stop 'for up to 30 years! Warming 'On Hold?...' Could go into hiding for decades' study finds – Discovery.com – March 2, 2009](#)]

Climate ‘primarily being driven by natural forcing mechanisms’

Climatologist and Palaeoclimate researcher Dr. Diane Douglas, who has authored or edited over 200 technical reports, also declared natural factors are dominating climate, not CO2. “The recent ‘panic’ to control GHG (greenhouse gas) emissions and billions of dollars being dedicated for the task has me deeply concerned that US, and other countries are spending precious global funds to stop global warming, when it is primarily being driven by natural forcing mechanisms,” Douglas, who is [releasing a major new paper she authored that will be presented at a UNESCO conference in Ghent, Belgium on March 20, 2009](#), told the minority staff on the Environment and Public Works Committee on March 10, 2009.

Retired Award Winning [NASA Atmospheric Scientist Dr. William W. Vaughan](#), recipient of the NASA Exceptional Service Medal, a former Division Chief of NASA’s Marshall Space Flight Center and author of more than 100 refereed journal articles, monographs, and papers, also now points to natural causes of recent climate changes. “The cause of these global changes is fundamentally due to the Sun and its effect on the Earth as it moves about in its orbit. Not from man-made activities,”

Vaughan told the minority staff on the Environment and Public Works Committee on February 6, 2009.

Geology Professor Uberto Crescenti of the University G.d'Annunzio in Italy, the past president of the Society of Italian Geologists also agrees that nature, not mankind is ruling the climate. "I think that climatic changes have natural causes according to geological data...I am very glad to sign the U.S. Senate's report of scientists against the theory of man-made global warming," Crescenti told the minority staff on the Environment and Public Works Committee on January 15, 2009.

UN IPCC Scientist Dr. Steven M. Japar, a PhD atmospheric chemist who was part of Intergovernmental Panel on Climate Change's (IPCC) Second (1995) and Third (2001) Assessment Reports, and has authored 83 peer-reviewed publications and in the areas of climate change, atmospheric chemistry, air pollutions and vehicle emissions, challenged the IPCC's climate claims.

"Temperature measurements show that the [climate model-predicted mid-troposphere] hot zone is non-existent. This is more than sufficient to invalidate global climate models and projections made with them!" Japar told the minority staff on the Environment and Public Works Committee on January 7, 2009.

Mathematical Physicist Dr. Frank Tipler, professor at Tulane University who has authored 58 peer-reviewed publications and five books, ridiculed man-made climate claims. "Whether the ice caps melt, or expand --- whatever happens --- the AGW (anthropogenic global warming) theorists claim it confirms their theory. A perfect example of a pseudo-science like astrology," Tipler wrote on December 22, 2008.

Botanist Dr. David Bellamy, a famed UK environmental campaigner, former lecturer at Durham University, and host of a popular UK TV series on wildlife, says the international promotion of man-made global warming fears are nearing their end. (Note: Bellamy was in the original 2007 U.S. Senate report.) "The science has, quite simply, gone awry. In fact, it's not even science any more, it's anti-science," Bellamy, who used to believe in man-made warming, [declared on November 5, 2008](#).

'Journalistic malpractice'

Chemist Dr. Mark L. Campbell, a professor of chemistry at the U.S. Naval Academy in Annapolis, MD, who has published numerous studies in the Journal of the American Chemical Society on topics such as methane, squarely blames the media for promoting unfounded climate fears. "The sky is not burning, and to claim that it is amounts to journalistic malpractice...the press only promotes the global warming alarmists and ignores or minimizes those of us who are skeptical," Chapman wrote on January 13, 2009.

"Scientists across the globe are catching on -- global warming is not real science. There is a sucker born every minute who believes in it, and Al Gore is playing the role of P.T. Barnum," Chemist Max S. Strozier declared on December 22, 2009 in an email to the minority staff of the Environment and Public Works Committee. Strozier spent 26 years specializing in chemical laboratory analysis, served as a U.S. Department of Defense aerospace chemist and is a former lecturer at San Jose State University and the University of Texas.

[Highlights of the Updated 2009 Senate Minority Report of 700 plus scientists featuring the 59 additional scientists:](#)

Full Text of the 59 additional scientists' remarks begins on [page 70 of report:](#)

The new scientific report “directly challenges the conclusions of the IPCC Summary that human emissions of carbon dioxide are causing dangerous and unprecedented warming.” - Quantitative Economist Kenneth A. Haapala, the past president of the prestigious Philosophical Society of Washington, the oldest scientific society in Washington (founded 1871), has reviewed hundreds of reports based on quantitative techniques. Haapala co-authored the report “Nature, Not Human Activity, Rules the Climate”

“I think that climatic changes have a natural causes according many geological data...I am very glad to sign the U.S. Senate’s report of scientists against the theory of man-made global warming.” - Geology Professor Uberto Crescenti of the University G.d'Annunzio in Italy is the past president of the Society of Italian Geologists.

“I am appalled at the state of discord in the field of climate science...There is no observational evidence that the addition of anthropogenic greenhouse gas emissions have caused any temperature perturbations in the atmosphere.” - Award-winning atmospheric scientist Dr. George T. Wolff, former member of the EPA’s Science Advisory Board, served on a committee of the National Oceanic and Atmospheric Administration (NOAA) and authored more than 90 peer-reviewed studies.

“The sky is not burning, and to claim that it is amounts to journalistic malpractice...the press only promotes the global warming alarmists and ignores or minimizes those of us who are skeptical.” - Chemist Dr. Mark L. Campbell, a professor of chemistry at the U.S. Naval Academy in Annapolis, MD, who has published numerous studies in the Journal of the American Chemical Society on topics such as methane.

“Once again we have misleading climate change pronouncements being based on data errors, data errors detected by non-UN, non-IPCC, non-peer-reviewed external observers...This is exactly what happens when you base your arguments on ‘consensus science’ and not scientific fact.” - Professor Dr. Doug L. Hoffman, a mathematician, computer programmer, and engineer, who worked on environmental models and conducted research in molecular dynamics simulations. Hoffman co-authored the 2009 book, *The Resilient Earth*, described as “bringing a dose of skeptical reality to climate science and the global warming debate.”

“The questions are scientific, but the UN answers are political. The global warming debate is hardly about science.” - Computer Modeler and Engineer Allen Simmons, who worked 12 years with NASA's top climate scientists and wrote computer systems software for the world's first weather satellites and aided in the development of computer systems for polar orbiting satellites. Simmons co-authored the new skeptical book *The Resilient Earth*.

Belief in climate models compared to “ancient astrology”... “I believe the anthropogenic (man-made) effect for climate change is still only one of the hypotheses to explain the variability of climate.” - Award-winning Japanese Physicist Dr. Kanya Kusano, program director of the Japan Agency for Marine-Earth Science and Technology who’s research “focuses on the immaturity of simulation

work cited in support of the theory of anthropogenic climate change.” compared climate models to “ancient astrology.”

“The recent ‘panic’ to control GHG (greenhouse gas) emissions and billions of dollars being dedicated for the task has me deeply concerned that US, and other countries are spending precious global funds to stop global warming, when it is primarily being driven by natural forcing mechanisms.” - Climatologist and Palaeoclimate researcher Dr. Diane Douglas, who has authored or edited over 200 technical reports, specialized in the reconstruction of a variety of proxy data and has worked for the Department of Energy and conducted research for the Arizona State Office of Climatology to [investigate the Little Ice Age](#).

“Temperature measurements show that the [climate model-predicted mid-troposphere] hot zone is non-existent. This is more than sufficient to invalidate global climate models and projections made with them!”- UN IPCC Scientist Dr. Steven M. Japar, a PhD atmospheric chemist who was part of Intergovernmental Panel on Climate Change’s (IPCC) Second (1995) and Third (2001) Assessment Reports, and has authored 83 peer-reviewed publications and in the areas of climate change, atmospheric chemistry, air pollutions and vehicle emissions.

“The cause of these global changes is fundamentally due to the Sun and its effect on the Earth as it moves about in its orbit. Not from man-made activities.” - Retired Award Winning NASA Atmospheric Scientist Dr. William W. Vaughan, recipient of the NASA Exceptional Service Medal, a former Division Chief of NASA’s Marshall Space Flight Center and author more than 100 refereed journal articles, monographs, and papers.

“Unfortunately, Climate Science has become Political Science...It is tragic that some perhaps well-meaning but politically motivated scientists who should know better have whipped up a global frenzy about a phenomena which is statistically questionable at best.” - Award-Winning Princeton University Physicist Dr. Robert H. Austin, who has published 170 scientific papers, was elected a member of the U.S. National Academy of Sciences and is the current Chair of the U.S. Liaison Committee of the International Union of Pure and Applied Physics. Austin, who won the 2005 Edgar Lilienfeld Prize of the American Physical Society

“If global cooling will come soon -- scientists will lose trust .” - Award-winning Japanese Geologist Dr. Shigenori Maruyama, a professor at the Tokyo Institute of Technology’s Department of Earth and Planetary Sciences who has authored more than 125 scientific publications, was decorated with the Medal of Honor with Purple Ribbon for a major contribution in the field of geology, specializes in the geological evidence of prehistoric climate change.

“Observe which side resorts to the most vociferous name-calling and you are likely to have identified the side with the weaker argument and they know it.” - Materials and Research Physicist Dr. Charles R. Anderson, a former Department of Navy research physicist who has published more than 25 scientific papers specializes in spectroscopy, microscopy, thermal analysis, mass spectroscopy, and surface chemistry.

“The data which is used to date for making the conclusions and predictions on global warming are so rough and primitive, compared to what’s needed, and so unreliable that they are not even worth mentioning by respectful scientists.” -

Award-winning Aerospace and Mechanical Engineer Dr. Gregory W. Moore, who has authored or co-authored more than 75 publications, book chapters, and reports, and authored the 2001 Version of the NASA Space Science Technology Plan which included a comprehensive approach to studying the Sun-Earth connection aspect of space-based research.

“I appreciate the opportunity to add my name to those who disagree that global warming is man-made...Hansen embarrassed NASA by coming out with his claims of global warming.” - Retired senior NASA atmospheric scientist Dr. John S. Theon, a former supervisor of NASA’s James Hansen, and the former Chief of the Climate Processes Research Program at NASA Headquarters and former Chief of the Atmospheric Dynamics & Radiation Branch.

“I am pleased to be considered a ‘denier’ in this cause if this puts me in the class with those who defied prevailing ‘scientific consensus’ that the earth was flat and that the earth was the not the center of the universe.” – Retired U.S. Air Force (USAF) Meteorologist William “Bill” Lyons, of the USAF’s Global Weather Central at Strategic Air Command.

“I do not find the supposed scientific consensus among my colleagues... Curiously, it is a feature of man-made global warming that every fact confirms it: rising temperatures or decreasing temperatures. No matter what the weather, some model of global warming offers a watertight explanation.” - Earth Scientist Dr. Javier Cuadros of the UK Natural History Museum, who specializes in Clay Mineralogy and has published more than 30 scientific papers

“It is amazing to me, as a professional geologist, how many otherwise intelligent people have, as some may say, ‘drunk the Al Gore Kool-Aid’ concerning global climate change.” - Professional Geologist Earl F. Titcomb Jr. has co-authored analyses of geological and seismological hazards.

“Let’s be clear: the work of science has nothing whatever to do with consensus [which] is the business of politics. . . . What is relevant is reproducible results. The greatest scientists in history are great precisely because they broke with the consensus.” - Atmospheric Scientist Timothy R. Minnich, who has more than 30 years experience in the design and management of a wide range of air quality investigations for industry and government, is a past member of the American Meteorological Society and specializes in issues like acid rain and ozone, and has authored or co-authored numerous technical publications and reports.

“Based on the laws of physics, the effect on temperature of man’s contribution to atmospheric CO2 levels is minuscule and indiscernible from the natural variability caused in large part by changes in solar energy output.” - Atmospheric Scientist Robert L. Scotto, who has more than 30 years air quality consulting experience, served as a manager for an EPA Superfund contract and is co-founder of Minnich and Scotto, Inc., a full-service air quality consulting firm. He also is a past member of the American Meteorological Society (AMS). Scotto, a meteorologist who has authored or co-authored numerous technical publications and reports.

“Whether the ice caps melt, or expand --- whatever happens --- the AGW (anthropogenic global warming) theorists claim it confirms their theory. A perfect example of a pseudo-science like astrology.” - Mathematical Physicist Dr. Frank

Tipler, professor at Tulane University has authored 58 peer-reviewed publications and five books.

“My dear colleague [NASA’s James] Hansen, I believe, has finally gone off the deep end... The global warming ‘time bomb,’ ‘disastrous climate changes that spiral dynamically out of humanity’s control.’ These are the words of an apocalyptic prophet, not a rational scientist.” - Chemist Dr. Nicholas Drapela of the faculty of Oregon State University Chemistry Department

“There is no credible evidence of the current exceptional global warming trumpeted by the IPCC... The IPCC is no longer behaving as an investigative scientific organization or pretending to be one... Their leaders betrayed the trust of the world community.” - Chemist Dr. Grant Miles, author of numerous scientific publications who was elected to a Fellowship of the Royal Institute of Chemistry, was a member of UK Atomic Energy Authority Chemical Separation Plant Committee.

Other scientists added to the U.S. Senate Minority Report since its initial December 11, 2009 release include the following:

Full Text of the 59 additional scientists’ remarks begins on page 70 of report:

Geologist Dr. Lloyd C. Furer, a past Associate Scientist and Visiting Professor at Indiana University who served as a meteorologist for the U.S. Air Force and has authored more than 35 publications; **Physicist and environmental activist John Droz, Jr.**, who holds a graduate degree in physics from Syracuse University; **Geologist Dr. A. Neil Hutton**, former District Geologist for Northwest Territories and the Arctic Islands and former Assistant Chief Geologist for the Western Canadian Basin; **Professional Geologist Gary Walker**, a member of the Canadian Society of Petroleum Geologists; Ohio’s **NBC 4 chief meteorologist Jym Ganahl** who was the youngest person to be granted the American Meteorological (AMS) Seal of Approval; **Dr. Jim Buckee**, who holds a **PhD in Astrophysics** from Oxford University, lectured about climate change at the University of Aberdeen; **Geologist Allan Shepard**, former Chief Geologist for Amoco International and member of the Association of Engineers, Geologists and Geophysicists of Alberta; **Physicist Gary M. Hoover**, a consultant with research and operational experience in atmospheric energy absorption, nuclear reactor operations and exploration geophysics; **Meteorologist Scott Sumner** of North Carolina; **Professor Dr. Caleb Stewart Rossiter**, an adjunct professor at the School of International Service at American University and a former teacher of quantitative research methods; **Chemical Process Control Engineer Dr. Pierre R Latour**, who holds a PhD in Chemical Engineering and has published more than 70 publications and managed NASA’s Apollo Docking Simulator development; **Terry Jackson of the Institute of Physics in London**, the founder of the Energy Group, and a physics teacher at Belfast Institute Further and Higher Education for 30 years; **Certified consulting meteorologist Anthony J. Sadar**, co-author of Environmental Risk Communication: Principles and Practices for Industry; **Physicist Dr. Paul Drallos**, who worked as a Post Doc at Sandia National Labs in Albuquerque and at the University of Toledo, formed Plasma Dynamics Corporation, a small research company that specializes in plasma display technology and computer simulation; **Surface Chemist Dr. Mark Rose** Head of Environmental Quality at Qatar Petroleum who has generated two patents and developed the largest Purified Wet Acid Plant in the world; **Geologist Dr. Seymour Merrin**, a Fellow of the Geological Society of America and a research scientist; **Environmental Chemist**

Jim Nibeck, who also worked in the biomedical research industry, wrote a 2008 paper on climate titled “Doubt About Anthropogenic Global Warming”; **Physicist Jerome Hudson** who studies focused on aperture synthesis and optics; **Certified Consulting Meteorologist Mike Smith**, the CEO of WeatherData Services of Wichita Kansas; **Environmental Engineer James A. Haigh, PE**, a Certified Plant Engineer and Licensed Professional Engineer of 36 years who has assisted in the design of Class III Nuclear Valves for Nuclear Power Plants; **Meteorologist Tony Pann of WUSA 9** in Washington DC, holds the American Meteorological Seal of Approval; **Biologist and Biochemist Dr. John Reinhard**, a member of the American Chemical Society who has published 76 papers and currently a scientist in the pharmaceutical industry; **Engineer Alan Cheetham** has 30 years experience including extensive scientific training, data analysis, modeling and statistics and runs the skeptical website “Global Warming Science”; **Professor of Ecology and Evolutionary Biology Dr. W. M. Schaffer, Ph. D.**, of the University of Arizona; **CNN Meteorologist Chad Myers**, an meteorologist for 22 years, certified by the American Meteorological Society; **Engineer and Physicist J.K. “Jim” August**, formerly of the U.S. Navy nuclear power program; **Biologist and Neuropharmacologist Dr. Doug Pettibone**, who has authored 120 scientific publications and holds ten patents and is a past member of the American Association for the Advancement of Science; **Meteorologist Tom Wismuller**, former weather forecaster at Amsterdam’s Royal Dutch Weather Bureau; **MIT Scientist Dr. Robert Rose**, a professor of Materials Science and Engineering at MIT with approximately 50 years of experience teaching various scientific; **Climate researcher Dr. Craig Loehle**, formerly of the Department of Energy Laboratories and currently with the National Council for Air and Stream Improvements, who has published more than 100 peer-reviewed scientific papers; **German Meteorologist Dr. Gerd-Rainer Weber**, a Consulting Meteorologist; **Professor Luigi Mariani** of the Agrometeorological Research Group, Dept. of Crop Science at the University of Milan, has authored or co-authored more than 50 peer-reviewed studies and other scientific reports; **Miroslav Kutilek, Emeritus Professor of Soil Science** and Soil Physics at Czech Technical University in Prague who specialized in paleoclimatology of soil; **Coastal Engineer Cyril Galvin**, member of the American Geophysical Union; **Nuclear Chemist Gary L. Troyer** has worked as an analytical chemist and was a Fellow Scientist at the Westinghouse Hanford Company; and **Award Winning Physicist Dr. Will Happer**, Professor at the Department of Physics at Princeton University and Former Director of Energy Research at the Department of Energy, who has published over 200 scientific papers.