

U.S. Climate Scientists Mailing List
May 29, 2017

Name	Contact Information	Email Address	Qualifications
Akasofu, Syun-Ichi	International Arctic Research Center University of Alaska Fairbanks ██████████ ██████████	██████████	Dr. Syun-Ichi Akasofu was director of the International Arctic Research Center of the University of Alaska Fairbanks from its establishment in 1998 until January 2007. As director of the Geophysical Institute (1986-1999), Dr. Akasofu concentrated his effort on establishing the institute as a key research center in the Arctic. Wrote an excellent piece on the "pause in 2013: On the Present Halting of Global Warming," Open Access Climate, May 3, 2013. Spoke at IPCC-2. Signed Cato's open letter to Obama. Ph.D. geophysics University of Alaska Fairbanks https://www.heartland.org/about-us/who-we-are/syun-ichi-akasofu
Alexander, Ralph B.	██████████ El Dorado Hills, CA ██████████ Phone: ██████████	██████████	Former associate professor at Wayne State University (Detroit). Author of Global Warming False Alarm (Canterbury Publishing, 2012) (NOAA Letter Signatory) Ph.D. Physics, Oxford Linkedin: https://www.linkedin.com/in/ralph-alexander-3624141a
Alliegro, Mark	██████████	██████████	Senior scientist, Marine Biological Laboratory, ran for Congress in the 9th Congressional District of Massachusetts in 2016 and lost. A noted cell biologist with a background in biochemistry and molecular biology, Mark has worked as a Senior Scientist at the Marine Biological Laboratory in Woods Hole, and as a Professor of Molecular Biology, Cellular Biology and Biochemistry at Brown University. The author of more than 40 scientific papers, Dr. Alliegro served as a Program Director for Molecular & Cellular Biosciences at the National Science Foundation and as an Instructor of Medical Histology at Harvard Medical School. Ph.D. from SUNY Buffalo, Postdoctoral Fellow at Duke University. https://www.heartland.org/about-us/who-we-are/mark-alliegro
Anderson, Charles R.	██████████ Columbia, MD ██████████ ██████████	██████████	Founder and President of Anderson Materials Evaluation, Inc., previously Senior Scientist at Lockheed Martin Laboratories -- Baltimore and Research Physicist in the Department of the Navy; 43 years' experience using particle beams, gamma rays, x-rays, ultra-violet light, visible light, and infra-red radiation to characterize materials. (NOAA Letter Signatory) Ph.D. Physics (Case Western Reserve University)
Armstrong, J. Scott	██████████ University of Pennsylvania Philadelphia, PA ██████████ Office: ██████████	██████████	A leading authority on the methodology of scientific forecasting who has applied that discipline to computer models used by the IPCC and EPA. Past speaker at IPCCs, author of the 2001 book, Principles of forecasting -- A Handbook for Researchers and Practitioners. Norwell, MA: Kluwer Academic Publishers, and peer-reviewed articles on climate science. Ph.D., Management (Massachusetts Institute of Technology); MS Industrial Administration, Carnegie Mellon https://www.heartland.org/about-us/who-we-are/j-scott-armstrong
Bahr, David A.	██████████ Bemidji State University ██████████ Bemidji, MN ██████████	██████████	Associate Professor of Physics at Bemidji State University, in MN. Former chair of Physics Department from 2003 to 2009, college reorganization in 2008 and university-wide cuts in 2010 eliminated the physics program. LinkedIn: "Coordinator of Mozilla-style 3Suns, a broad-based non-corporate network of participating independent researchers and engineers concerned about development of the science and technology most critical to human sustainability. 3Suns represents a part of what can be done by concerned professionals outside the corporate structure." He's pretty colorful looking. NOAA Letter Signatory Ph.D. Engineering Physics/Applied Physics, University of Virginia.
Balling, Robert	School of Geographical Sciences Arizona State University ██████████ Tempe, AZ ██████████ ██████████	██████████	Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability, Professor, School of Geographical Sciences and Urban Planning, College of Liberal Arts and Sciences, Arizona State University. Director, Master of Advanced Study in Geographic Information Systems. He used to be high profile as a climate realist with Pat Michaels, but has moved on to other subjects. Ph.D., Geography, University of Oklahoma https://www.heartland.org/about-us/who-we-are/robert-balling
Barrante, James R.	Linkedin: https://www.linkedin.com/in/james-barrante-4a0a8041	██████████	Emeritus Professor of Physical Chemistry, Southern Connecticut State University, New Haven, CT; author of book Global Warming for Dim Wits: A Scientist's Perspective of Climate Change (Universal Publishers, Boca Raton, FL, 2010) (NOAA Letter Signatory) Ph.D., Chemistry from Harvard University
Bastardi, Joe	WeatherBELL Analytics LLC ██████████ New York, NY ██████████ ██████████	██████████	Meteorologist, outstanding debater and spokesperson, frequent speaker at IPCCs. Chief meteorologist, WeatherBELL Analytics (NOAA Letter Signatory) B.S., Meteorology, Pennsylvania State University https://www.heartland.org/about-us/who-we-are/joe-bastardi
Bell, Larry	██████████ Houston, TX ██████████ ██████████	██████████	Professor Emeritus of Architecture at the University of Houston. AIAA, ASCE, author of Climate of Corruption: Politics and Power Behind the Global Warming Hoax. Founder and director of the Sasakawa International Center for Space Architecture (SICSA). Registered Architect and urban planner. Launched the research and education program in space architecture at the University of Houston. MFA, University of Illinois https://www.heartland.org/about-us/who-we-are/larry-bell

Beller, Denis	Research Professor of Nuclear Engineering Department of Mechanical Engineering University of Nevada, Las Vegas Phone: [REDACTED] Fax: [REDACTED] Alt: [REDACTED]	[REDACTED]	First tenured professor in the then-70-year history of the USAF Institute of Technology, co-author of seminal Foreign Affairs essay The Need for Nuclear Power, Jan/Feb 2000 (with Pulitzer Prize-winner Richard Rhodes), former Research Prof. of Nuclear Engineering, University of Nevada, Las Vegas. (NOAA Letter Signatory) Ph.D., Purdue Univ., 1986; M.S.N.E, Air Force Inst. of Tech., 1981; B.S.Ch.E., Univ. of Colorado Lt. Col., USAF, retired.
Berezow, Alex B.	http://www.alexberezow.com/	[REDACTED]	Editor of RealClearScience, degree is in microbiology. Coauthor with Hank Campbell of the 2012 book, Science Left Behind: Feel-Good Fallacies and the Rise of the Anti-Scientific Left. Philadelphia, PA: PublicAffairs. Senior Fellow of Biomedical Science at the American Council on Science and Health. He is also a science and U.S./European political affairs writer. He is a member of the USA Today Board of Contributors, and his work regularly appears in USA Today, BBC News, and The Economist, among other publications. Ph.D. in microbiology from the University of Washington.
Berry, Edwin X.	Climate Physics LLC [REDACTED] Bigfork, MT [REDACTED]	[REDACTED]	A vocal climate realist, head of Climate Physics LLC, Bigfork, MT, physicist and Certified Consulting Meteorologist (#180). Consulting expertise in physics, atmospheric physics, meteorology, climatology, and numerical models. Memberships: American Meteorological Society, AMS, American Physical Society. (NOAA Letter Signatory) Ph.D. Physics (University of Nevada, Reno)
Bevelacqua, Joseph John	Bevelacqua Resources [REDACTED] Richland, WA [REDACTED]	[REDACTED]	CHP, RRPT. President of Bevelacqua Resources and former USDOE Senior Technical Advisor. Author of over 100 papers published in scientific and technical journals and four textbooks. (NOAA Letter Signatory) Ph.D. Physics (Florida State University)
Bogard, Donald D.	Heritage Fellow Lunar and Planetary Institutd [REDACTED] Houston, TX [REDACTED]	[REDACTED]	From 1971 until his retirement from NASA in 2010, Dr. Bogard was a PI in NASA's lunar and meteorite research programs and directed an analytical lab at JSC. He was a member of the science team that performed quarantine testing of Apollo lunar samples in 1969-71; he helped establish the joint U.S. Antarctic Meteorite Program and directed meteorite curation from 1978-1984; he was discipline scientist for NASA's planetary materials research programs over 1984-1992. He is a recipient of the Leonard Medal of The Meteorological Society, the NASA Medal for Exceptional Scientific Achievement, and the NASA Exceptional Service Medal. Over 150 peer-reviewed scientific papers published in field of planetary geochemistry and volatiles. (NOAA Letter Signatory) Ph.D. Geochemistry (University of Arkansas)
Bohnak, Karl	[REDACTED]	[REDACTED]	WLUC-TV6 NBC & FOX U, Chief Meteorologist http://www.uppermichigansource.com/content/bios/375860161.html (NOAA Letter Signatory) B.A. (?) University of Wisconsin-Madison
Botkin, Daniel	Florida address: [REDACTED] Boca Raton, FL [REDACTED] New York address: [REDACTED] New York, NY [REDACTED] www.naturestudy.org Cell [REDACTED] Phone [REDACTED]	[REDACTED]	A prominent ex-alarmist who testified to congress and wrote a WSJ piece expressing skepticism. "Daniel B. Botkin, a world-renowned ecologist, is Professor (Emeritus), Department of Ecology, Evolution and Marine Biology, UC Santa Barbara, and President of The Center for The Study of The Environment, which provides independent, science-based analyses of complex environmental issues. The New York Times said his book, Discordant Harmonies: A New Ecology for the 21st Century is considered by many ecologists to be the classic text of the [environmental] movement." His Environmental Science, now in its Sixth Edition, was named 2004's best textbook by the Textbook and Academic Authors Association." His House testimony in May 2014 got a lot of attention. See http://wattsupwiththat.com/2014/05/31/in-house-testimony-botkin-dismantles-the-ipcc-2014-report/ Latest books: The Moon in the Nautilus Shell: Discordant Harmonies Reconsidered (Oxford University Press, August 2012), Environmental Science: Earth as a Living Planet (9th edition), (John Wiley, 2014) Powering the Future: A Scientist's Guide to Energy Independence (FT Press, 2010) Ph.D. UC Santa Barbara Newsletter: http://www.danielbotkin.com/subscriptions/
Briggs, William "Matt"	New York, New York [REDACTED]	[REDACTED]	Statistical consultant, New York Methodist Hospital Blogs at wmbriggs.com as "Statistician to the stars!" Coauthored paper with Willie Soon, a leading GW skeptic. https://www.heartland.org/about-us/who-we-are/william-briggs
Burnett, H. Sterling	[REDACTED] Rowlett, TX [REDACTED] [REDACTED]	[REDACTED]	Research Fellow, The Heartland Institute. Managing Editor, Environment & Climate News and Climate Change Weekly. Prior to joining Heartland he was a senior policy analyst at the National Center for Policy Analysis. BA in Cultural Anthropology from Southern Methodist University (1986), and a MA (1991) and a Ph.D. (2001) in Applied Philosophy from Bowling Green State University with a specialization in Environmental Ethics.. https://www.heartland.org/about-us/who-we-are/h-sterling-burnett
Campanella, Angelo	Campanella Acoustics [REDACTED] Hillard, OH [REDACTED] [REDACTED] www.CampanellaAcoustics.com	[REDACTED]	55+ year experience in infrared physics, military electronics, and applied physics (NOAA Letter Signatory) Ph.D. Physics & Electrical Engineering, Pennsylvania State University

Campbell, Mark L.	Chemistry Department U.S. Naval Academy Annapolis, MD		Professor, United States Naval Academy (NOAA Letter Signatory) Ph.D. Chemical Physics (Johns Hopkins University)
Carlin, Alan	Fairfax, VA		Senior analyst and manager, USEPA, 1971-2010; whistleblower on EPA's endangerment finding, affiliated with CEI, author or co-author of about 40 publications; author of Environmentalism Gone Mad: How a Sierra Club Activist and Senior EPA Analyst Discovered a Radical Green Energy Fantasy, 2015, Stairway Press. (NOAA Letter Signatory) Ph.D. Economics (Massachusetts Institute of Technology); B.S. Physics (California Institute of Technology) https://www.heartland.org/about-us/who-we-are/alan-carlin
Casey, Jeffrey A.	Rockfield Research, Inc. Las Vegas, NV		President, Rockfield Research Inc., (NOAA Letter Signatory) Ph.D. Physics (University of Colorado – Boulder)
Cervený, Randall	Phone:		Professor of geographical sciences at ASU, where he has taught since 1986. He serves as Rapporteur on Extreme Records for the United Nations/World Meteorological Organization, and in this connection is responsible for researching and verifying global weather records. At ASU, he directs the meteorology program, and was awarded the title of President's Professor in recognition of his contributions to undergraduate education. He is contributing editor for the magazine Weatherwise, and is the author of numerous journal articles as well as two books, Freaks of the Storm, Thunder's Mouth Press, 2006, and Weather's Greatest Mysteries Solved!, Prometheus Books, 2009. Ph.D., Geography, University of Nebraska https://www.heartland.org/about-us/who-we-are/randall-cervený
Christy, John	Earth System Science Center, NSSTC University of Alabama in Huntsville NSSTC Huntsville, AL Phone: Fax:		Distinguished Professor of Atmospheric Science, Alabama's State Climatologist and Director of the Earth System Science Center at The University of Alabama in Huntsville. Served as Lead Author, Contributing Author and Reviewer of IPCC reports, awarded NASA's Medal for Exceptional Scientific Achievement, and in 2002 was elected a Fellow of the American Meteorological Society. See Christy, J. 2009. Hearing on scientific objectives for climate change legislation. The Committee on Ways and Means, U.S. House of Representatives, One Hundred Eleventh Congress (First Session), 25 February, http://waysandmeans.house.gov/hearings.asp?formmode=view&id=7847 . Ph.D. U. of Alabama – Huntsville https://www.heartland.org/about-us/who-we-are/john-christy
Chylek, Petr	Los Alamos National Laboratory Space and Remote Sensing Sciences Group Los Alamos, NM	lanl.gov	Researcher for Space and Remote Sensing Sciences at Los Alamos National Laboratory. Prior to becoming a government researcher in 2001, Chylek was a Professor at several US and Canadian universities including SUNY Albany, Purdue University, University of Oklahoma and Dalhousie University in Halifax, Canada. In a 2009 open letter he wrote, that the climate science community has "substituted the search for truth with an attempt at proving one point of view" and suggests "Let us drastically modify or temporarily discontinue the IPCC." He also appeals for climate scientists to stop making what he calls "unjustified claims and exaggerated projections about the future even if the editors of some eminent journals are just waiting to publish them." Chylek has published over 100 first authored scientific papers in remote sensing, atmospheric radiation, climate change, cloud and aerosol physics, applied laser physics and ice core analysis. His work has been cited more than 4000 times. PhD UC Riverside, MS Charles University Prague https://www.heartland.org/about-us/who-we-are/petr-chylek
Clark, Ian D.	University of Ottawa Ottawa ON Canada Tel.: Fax:		Professor of Earth Sciences, University of Ottawa. Testified to US Senate in 2011 there is no evidence CO2 forced past warming cycles. http://www.climate-science-international.org/index.php?option=com_content&view=article&id=615 BSc (1978) MSc University of Waterloo (1980) DenSc Paris-Orsay (1987)
Coleman, John	San Diego, CA		A founder of the Weather Channel. Former Professional Member of the American Meteorological Society, Broadcast Meteorologist of the Year (1982) of the American Meteorological Society, Founder of "The Weather Channel", original Meteorologist on ABC "Good Morning, America", TV Meteorologist for 61 years on stations in New York, Chicago, San Diego, etc. Frequent speaker at Heartland events. (NOAA Letter Signatory) https://www.heartland.org/about-us/who-we-are/john-coleman

Cox, Ricky	Brigham Resources Austin, TX [REDACTED]	[REDACTED]	Ricky Cox has 34 years of experience as a petroleum geoscientist. Prior to joining Brigham Resources, he spent seven years at Concho Resources. His final role at Concho was as Lead Geologist for both the Midland Basin asset and Southern Delaware Basin asset. He previously worked as an exploration geologist for Latigo Petroleum, Great Western Drilling, and Marathon Oil. He is a member of American Association Petroleum Geologist, West Texas Geological Society, and the Roswell Geological Society Geosciences, Texas Tech University, Lubbock, TX, 1982 (NOAA Letter Signatory) BS and MS in geosciences from Texas Tech University.
Crockford, Susan	Pacific Identifications Inc. [REDACTED] Telephone: [REDACTED] Fax: [REDACTED]	[REDACTED]	She has devoted most of her professional career to the improvement and use of the comparative collections at the Royal B.C. Museum (5 years) and the University of Victoria (30 years). She currently works full time for Pacific Identifications Inc., which began business in 1988 and is now a registered limited company. She holds an adjunct faculty position in the Departments of Anthropology and Graduate Studies at the University of Victoria. Her work on polar bear populations made her a target of global warming alarmists. Spoke at ICC-11. BS in Zoology from the University of B.C. in 1976 and a Doctorate from the University of Victoria in 2004
Cunningham, Walter	Phone: [REDACTED]	[REDACTED]	Physicist, RAND Corp; Astronaut, Apollo 7; Founder, Earth Awareness Foundation, 1970; Advisory Board, National Renewable Energy Laboratory (5 years); Writer and Lecturer on the global warming issue. He has spoken at ICCCs. (NOAA Letter Signatory) M.S. Physics (University of California) https://www.heartland.org/about-us/who-we-are/walter-cunningham
Curry, Judith	Georgia Institute of Technology School of Earth and Atmospheric Sciences Atlanta, GA [REDACTED]	[REDACTED]	An outspoken lukewarmer, blogs at Climate Etc. www.judithcurry.com . Professor and former Chair of the School of Earth and Atmospheric Sciences at the Georgia Institute of Technology; she held the latter position from 2002 to 2013. Curry serves on NASA Advisory Council Earth Science Subcommittee whose mission is to provide advice and recommendations to NASA on issues of program priorities and policy. She is a recent member of the NOAA Climate Working Group and a former member of the National Academies Space Studies Board and Climate Research Group. She is a former professor of Atmospheric and Oceanic Sciences at the University of Colorado-Boulder and has held faculty positions at Penn State University, Purdue, and the University of Wisconsin-Madison. Ph.D. in Geophysical Sciences from the University of Chicago in 1982.
D'Aleo, Joseph	Hudson, NH [REDACTED]	[REDACTED]	AMS Fellow, CCM, Chair of Committee on Weather Analysis and Forecasting, Former Professor of Meteorology/Climatology, Lyndon State College, Co-founder the Weather Channel, Chief Meteorologist, WSI, Weatherbell Analytics. (NOAA Letter Signatory) https://www.heartland.org/about-us/who-we-are/joseph-daleo
Deming, David	University of Oklahoma Norman, OK Phone [REDACTED]	[REDACTED]	Professor of Arts and Sciences at the University of Oklahoma in Norman. From 1992 through 2005, Deming was an assistant and associate professor in the School of Geology and Geophysics at the University of Oklahoma. He is the author of more than 40 peer-reviewed research papers, a textbook on hydrogeology, and a three-volume history of science, Science and Technology in World History. Deming is an associate editor for the academic journals Petroleum Geoscience and Groundwater. In 2006, Dr. Deming testified before the U.S. Senate on global warming. Prof. David Deming testified to Congress on 12/6/2006 that he was asked to "help get rid of the Medieval Warm Period." http://www.epw.senate.gov/hearing_statements.cfm?id=266543 See also http://wattsupwiththat.com/tag/david-deming/ . The Leadership Institute has a profile of the Univ. Of Oklahoma's campus culture that reports that he has been the subject of retaliation by the school - loss of appointments, loss of office space... BS degree in geology from Indiana University, Ph.D. in geophysics from the University of Utah. https://www.heartland.org/about-us/who-we-are/david-deming
Deye, James A.	[REDACTED]	[REDACTED]	Retired medical physicist and program director in radiation research, National Cancer Institute. (NOAA Letter Signatory) Ph.D. Nuclear Physics (Vanderbilt University)
Doiron, Harold H.	Pearland, TX Home/Office: [REDACTED] Cell: [REDACTED]	[REDACTED]	Vice President, Engineering (retired) InDyne, Inc. Houston, Texas, Chairman, The Right Climate Stuff Research Team of retired NASA Apollo Program scientists and engineers. Member, American Society of Mechanical Engineers (NOAA Letter Signatory) Ph.D. Mechanical Engineering (University of Houston)
Donze, Terry W.	Wheat Ridge, CO [REDACTED]	[REDACTED]	40+ year career as a geophysicist, majority independently, with ten years of climate studies. Author, Climate Realism: Alarmism Exposed. (NOAA Letter Signatory) B.S. Geological Engineering, Missouri University of Science & Technology
Douglass, David	University of Rochester Rochester, NY [REDACTED]	[REDACTED]	Professor of Physics, University of Rochester, whose faculty he joined in 1968. Author of 2007 article with Singer and Christy showing no warm spot in the upper atmosphere predicted by climate models, http://icecap.us/images/uploads/DOUGLASPAPER.pdf . He was a recipient of the Alfred P. Sloan Award (junior) for four years, the Alfred P. Sloan Award (senior), and the University of Rochester's Bridging Fellowship to the Eastman School of Music. He is a fellow of the American Physical Society. Spoke at ICC-2. (NOAA Letter Signatory) Ph.D., Massachusetts Institute of Technology https://www.heartland.org/about-us/who-we-are/david-douglass

Doyle, Jeffrey M.	LinkedIn: https://www.linkedin.com/in/doylejeffrey1 HOME: [REDACTED] CELL: [REDACTED]	[REDACTED]	President, Metrics for Better Policymaking and president, Thermoeconomic Visions. Author of a very thoughtful critique of social cost of carbon showing familiarity with the skeptic literature: https://www.linkedin.com/pulse/how-much-climate-change-going-cost-us-jeffrey-m-doyle-phd . (NOAA Letter Signatory) Ph.D. Natural Resource Economics, Michigan State University
Droz, John Jr.	[REDACTED] Morehead City, NC [REDACTED]	[REDACTED]	President of Alliance for Wise Energy Decisions, an anti-wind power coalition, http://wiseenergy.org/ . Energy expert with over 35 years of environmental advocacy. Spoke at ICC-7. Author of many reports and commentaries on climate policy and alternative energy. (NOAA Letter Signatory) BAs in Physics and Mathematics from Boston College and a graduate degree in Physics from Syracuse University.
Duke, Charles M.	[REDACTED] Bradford, PA [REDACTED]	[REDACTED]	Brigadier General USAF (retired), Graduate and Instructor USAF Test Pilot School, NASA Apollo 16 Lunar Module Pilot, Member: Air Force Association, Society of Experimental Test Pilots, South Carolina Hall of Fame. (NOAA Letter Signatory) BS US Naval Academy, MS Aeronautics MIT
Dyson, Freeman	Institute for Advanced Study [REDACTED] Princeton, NJ [REDACTED]	[REDACTED]	Emeritus professor of physics, Institute for Advanced Study, Princeton University. Widely regarded as the world's most brilliant physicist, he is an outspoken climate skeptic. Now quite elderly. https://www.heartland.org/about-us/who-we-are/freeman-dyson
Easterbrook, Don	[REDACTED] Bellingham, WA [REDACTED] [REDACTED]	[REDACTED]	Professor Emeritus of Geology at Western Washington University. He has studied global climate change for five decades, has written three textbooks and a dozen other books, published more than 185 papers in professional journals, and has presented 30 research papers at international meetings in 15 countries. He spoke at several ICCCs. (NOAA Letter Signatory) B.S., M.S., and Ph.D. from the University of Washington
Essex, Christopher	Professor and Associate Chair Department of Applied Mathematics University of Western Ontario [REDACTED] Office [REDACTED] Fax [REDACTED]	[REDACTED]	Professor of Applied Mathematics at the University of Western Ontario. He is a former director of its Theoretical Physics Program and a former Associate Chair of Applied Mathematics. "Climate is one of the most challenging open problems in modern science. Some knowledgeable scientists believe that the climate problem can never be solved." He coauthored with McKittrick Taken by Storm in 2007. Essex was an author of the Fraser Institute's 2007 "Independent Summary for Policymakers," (ISPM) a report published shortly after the Independent Panel on Climate Change's (IPCC) Summary for Policymakers. Has (or had) contacts with the Vatican. (NOAA Letter Signatory) Ph.D. from York 1982, M.Sc. from Rice 1978, B.Sc. U.W.O. 1976 https://www.heartland.org/about-us/who-we-are/christopher-essex
Evans, David M.W.	[REDACTED] Ballajura, WA	[REDACTED]	Climate researcher for ScienceSpeak.com. Instrumental in building the carbon accounting system Australia uses to estimate carbon changes in its biosphere, for the Australian Greenhouse Office. Six university degrees related to modeling and applied mathematics over ten years, including a PhD from Stanford University. (NOAA Letter Signatory) Ph.D. from Stanford University
Frank, Neil	[REDACTED] Montgomery, TX [REDACTED]	[REDACTED]	Recommended by Stan Goldenberg. Born September 11, 1931 (so he's 85) is an American meteorologist and former director of the National Hurricane Center (NHC) in Florida. He was instrumental in advancing both the scientific and informational aspects of hurricane forecasting. He retired as Chief Meteorologist at KHOU-TV in Houston effective May 2008. Former Director National Hurricane Center and former Chief Meteorologist KHOU TV, CBS Houston. member, American Meteorological Society (NOAA Letter Signatory) Ph.D. Meteorology (Florida State University)
Frank, Patrick	[REDACTED] Menlo Park, CA [REDACTED] [REDACTED]	[REDACTED]	Member of the scientific staff of the Stanford Synchrotron Radiation Lightsource/SLAC at Stanford University. More than 60 peer-reviewed publications, including several assessing uncertainty in the surface air temperature record and in climate model air temperature projections (NOAA Letter Signatory) Ph.D. Chemistry (Stanford University)
Fricke, Martin	[REDACTED] San Diego, CA [REDACTED] [REDACTED]	[REDACTED]	Nuclear physicist; Senior Fellow of the APS; elected to the APS Executive Panel on Public Affairs (POPA); nuclear physics research at the Oak Ridge National Laboratory; Corporate Officer of seven R&D companies; Extraordinary Minister of Catholic Diocese of San Diego. (NOAA Letter Signatory) Ph.D. Nuclear Physics
Fulks, Gordon J.	[REDACTED] LaCenter, WA [REDACTED]	[REDACTED]	GW realist blogger. Five decades of experience studying physical, astrophysical, and geophysical phenomena for universities, government agencies, and private clients. (NOAA Letter Signatory) Ph.D. Physics, University of Chicago

Gamota, George	Lexington, MA		Former professor University of Michigan, Fellow of the APS; Fellow of the AAAS; Senior Member of the IEEE; elected to the APS Executive Panel on Public Affairs (POPA); Founding Director of Research, Department of Defense; Corporate Board member and Executive at several R&D companies; former Bedford Chief Scientist MITRE Corporation. (NOAA Letter Signatory) Ph.D. Physics
Gerhard, Lee C.	Lawrence, KS		Senior Scientist Emeritus, Univ. of Kansas, Director and State Geologist, Kansas Geological Survey (Ret.), meteorology background. Extensive published research in both geology and climate change. Honorary member, American Association of Petroleum Geologists, Association of American State Geologists and others. Member Russian Academy of Natural Science (US Br.), Kansas Geologist license #1. Former Getty Professor of Geological Engineering, Colorado School of Mines. (NOAA Letter Signatory) Ph.D. https://www.heartland.org/about-us/who-we-are/lee-gerhard
Gerlach, Ulrich H.	Department of Mathematics The Ohio State University Columbus, OH		Professor of Mathematics, Ohio State University, Columbus, Ohio (NOAA Letter Signatory) Ph.D. Relativistic Astrophysics (Princeton University)
Giaever, Ivar	Applied Biophysics, Inc		Norwegian-American physicist who shared the Nobel Prize in Physics in 1973 with Leo Esaki and Brian Josephson "for their discoveries regarding tunnelling phenomena in solids. Giaever is an institute professor emeritus at the Rensselaer Polytechnic Institute, a professor-at-large at the University of Oslo, and the president of Applied Biophysics. He is a fellow of the American Physical Society, and drew worldwide attention when he resigned to protest the APS's alarmist statements about climate change. (NOAA Letter Signatory) https://www.heartland.org/about-us/who-we-are/ivar-giaever
Giovanielli, Damon			Former Physics Division Leader at Los Alamos National Laboratory, and former President of Sumner Associates, a scientific consulting company in Santa Fe, NM. (NOAA Letter Signatory)
Goddard, Steven			Pseudonym for Tony Heller, is a blogger and publisher of Real Climate Science. http://realclimatescience.com/
Goldenberg, Stan	Miami, FL		Stanley B. Goldenberg is a meteorologist with the Hurricane Research Division/ AOML/NOAA located in Miami, Florida. https://www.heartland.org/about-us/who-we-are/stanley-goldenberg
Goreham, Steve			Steve Goreham is a speaker, author, and researcher on environmental issues as well as an engineer and business executive. Author, environmental researcher, Mad, Mad, Mad World of Climatism and Outside the Green Box "US Director, International Climate Science Coalition MBA University of Chicago" https://www.heartland.org/about-us/who-we-are/steve-goreham
Gould, Laurence I.	Physics Department University of Hartford West Hartford, CT		Professor of Physics, University of Hartford, Past Chair (2004), New England Section of the American Physical Society. (NOAA Letter Signatory) Ph.D. and M.A. degrees in physics from Temple University and his B.S. in physics from Carnegie-Mellon University. https://www.heartland.org/about-us/who-we-are/laurence-gould
Green, Kenneth			Senior Director, Energy and Natural Resource Studies, Fraser Institute, previously held positions at AEI and Reason. Author of a textbook for middle-school students titled Global Warming: Understanding the Debate. In 2011, he published a supplementary textbook for college students studying energy and energy policy, Abundant Energy: Fuel of Human Flourishing. In 2012, he co-authored an article with Steven F. Hayward entitled, 'Market-Friendly Energy', in The 4% Solution: Unleashing the Economic Growth America Needs, published by the George W. Bush Presidential Center. BS in biology from University of California, Los Angeles; MS in Genetics from San Diego State University; and Ph.D. in Environmental Science and Engineering (D.Env.) from University of California, Los Angeles. https://www.heartland.org/about-us/who-we-are/kenneth-green
Griffin, Gerald D.	Hunt, TX		Former Director of the NASA Lyndon B. Johnson Space Center in Houston, Lead Flight Director for three lunar landing missions: Apollo's 12, 15 and 17, Fellow of the American Institute of Aeronautics and Astronautics and the American Astronautical Society. (NOAA Letter Signatory)
Hameed, Sultan			Professor, School of Marine and Atmospheric Sciences, Stony Brook University. Numerous peer-reviewed articles on the Sun-Climate Mechanism, sea level rise, and other issues in climate science. "(NOAA Letter Signatory) Ph.D., 1968, University of Manchester"

Happer, William	Cyrus Fogg Brackett Professor of Physics [REDACTED] Phone: [REDACTED] http://physics.princeton.edu/atomic/happer/index.html Home: [REDACTED]	[REDACTED]	Cyrus Fogg Brackett Professor of Physics (emeritus) at Princeton University, former Director of the Office of Energy Research Director of Research, U.S. Department of Energy, Member National Academy of Sciences. (NOAA Letter Signatory) Ph.D. Princeton University https://www.heartland.org/about-us/who-we-are/william-happer
Harde, Hermann		[REDACTED]	Professor of Physics (emeritus) at Helmut-Schmidt-University Hamburg, Germany, specialized in laser physics, spectroscopy and gas sensors, former Vice President of the University. (NOAA Letter Signatory)
Harris, Tom	Canada [REDACTED]	[REDACTED]	Executive director of the International Climate Science Coalition (ICSC), a non-partisan group of independent scientists, economists, and energy and policy experts formed in 2008 to promote better understanding of climate science and policy worldwide. Frequent speaker at ICCCs. B. Eng., M. Eng. (Mech., thermofluids), is https://www.heartland.org/about-us/who-we-are/tom-harris
Harrison, Thomas	TS4 Electronic & Computing Systems & Software [REDACTED] Oregon City, OR [REDACTED]	[REDACTED]	Owner of TS4, electronics and computing design and consulting. Webmaster for Global Warming Realists. (NOAA Letter Signatory) B.S. Mathematics (Dartmouth College)
Harsh, Eugene S.	[REDACTED] Colorado Springs, CO [REDACTED]	[REDACTED]	Lt Col (Ret) US Air Force, Member American Geophysical Union, Life Member IEEE, Member Association for Computing Machinery (NOAA Letter Signatory) M.S. Meteorology
Hayden, Howard	[REDACTED] Pueblo West, CO [REDACTED]	[REDACTED]	Goes by "Cork." Retired prof. of physics, U. of CT, author The Solar Fraud: Why Solar Energy Won't Run the World (Vales Lake Publishing LLC, 2002, 2d edition 2005), A Primer on CO2 and Climate (Vales Lake Publishing LLC, 2007), A Primer on Renewable Energy (Vales Lake Publishing, LLC), and Bass Ackwards: How Climate Alarmists Confuse Cause with Effect (Vales Lake Publishing, LLC). Professor Emeritus of Physics, University of Connecticut. Editor and Publisher, The Energy Advocate, now in 20th year of publication. (NOAA Letter Signatory) Ph.D. Physicist https://www.heartland.org/about-us/who-we-are/howard-hayden
Hayes, Dennis B.	[REDACTED] Cedar Crest, NM [REDACTED]	[REDACTED]	Research Physicist Sandia and Los Alamos National Laboratories, President, Lockheed Martin Nevada Technologies, Inc. (retired) Fellow APS (NOAA Letter Signatory) Ph.D.
Hendl, Richard G.	[REDACTED] [REDACTED] Springfield, NH [REDACTED]	[REDACTED]	MS Astrogophysics (U Colorado, (1968), BS Meteorology (Penn St U, 1963), Chief Scientist Emeritus, Geophysics Directorate, Air Force Space Technology Center (NOAA Letter Signatory) Ph.D. Meteorology (Massachusetts Institute of Technology)
Hennigan, Thomas D.	[REDACTED] [REDACTED] Cleveland, GA [REDACTED]	[REDACTED]	Environmental and Forest Biology, Associate Professor of Biology, Truett-McConnell College, Cleveland, Georgia, Ecological Society of America. (NOAA Letter Signatory)
Hertzmark, Donald	Atlanta, GA [REDACTED]	[REDACTED]	Donald Hertzmark is adjunct professor in global electricity markets at Johns Hopkins University. He is an international energy specialist with more than 25 years of experience in oil and gas economics and analysis. He has worked for governments, private companies, state enterprises, and international organizations in more than 90 countries worldwide to assess markets and projects, provide counsel for energy sector restructuring, design and evaluate energy programs and projects, identify sources of financing, and price energy products. He has assisted clients in assessing and financing LNG, pipeline, refinery, and power plant investments in Asia, Europe, South America, Africa, and the Former Soviet Union and has negotiated contract terms with offtake purchasers, fuel suppliers, and banks. He has taught short courses on energy project development, energy economics, and project investment evaluation to the staffs of the World Bank, Asian Development Bank, and African Development Bank https://www.heartland.org/about-us/who-we-are/donald-hertzmark
Hollander, Jack M.	Energy & Resources Group [REDACTED] University of California Berkeley, CA [REDACTED]	[REDACTED]	Professor Emeritus of Energy and Resources, Univ of Calif. Berkeley. Vice-President for Research Emeritus, The Ohio State University, Columbus, OH. (NOAA Letter Signatory) Ph.D. Nuclear Chemistry (University of California, Berkeley)

Horn, Art	Manchester, CT [REDACTED]	[REDACTED]	Meteorologist, The Art of Weather. I was employed as a broadcast meteorologist working in television and radio for 25 years, and now work as a self-employed, independent meteorologist with several areas of practice. I continue to do some radio work, but most of my efforts are in public speaking on various topics about weather and climate change, writing, forensic meteorology and teaching. I also visit elementary and middle schools and open up the world of weather to students. Spoke at ICC-4. https://www.heartland.org/about-us/who-we-are/art-horn
Huckans, John H.	Bloomsburg University of Pennsylvania Bloomsburg, PA [REDACTED] http://fastaff.bloomu.edu/jhuckans	[REDACTED]	Associate Professor of Physics, Laser Cooling and Trapping, Bloomsburg University of Pennsylvania. (NOAA Letter Signatory) Ph.D.
Hughes, Terrance J.	School of Earth and Climate Sciences [REDACTED] University of Maine Orono, Maine [REDACTED]	[REDACTED]	Professor Emeritus of Earth Sciences and Climate Change, University of Maine. A half-century career studying the interaction of global climate with continental ice sheets, past, present, and future, focused on inherent instabilities in ice sheets that facilitate their rapid gravitational collapse. (NOAA Letter Signatory) Ph.D. (Northwestern)
Hurley, Stephen	Magnum Hunter Resources [REDACTED] Irving, TX	[REDACTED]	Board Member – Magnum Hunter Resources Corporation. M.S. Geology, University of Arkansas, 1975. (NOAA Letter Signatory)
Idso, Craig	Ctr for the Study of Carbon Dioxide & Global Change [REDACTED] Gilbert, AZ	[REDACTED]	Founder and Chairman of the Center for the Study of Carbon Dioxide and Global Change, Member of the American Association for the Advancement of Science, American Geophysical Union, and the American Meteorological Society. Coauthor of Climate Change Reconsidered series. (NOAA Letter Signatory) Ph.D. https://www.heartland.org/about-us/who-we-are/craig-idso
Jacko, Robert B.	School of Civil Engineering Purdue University West Lafayette, IN Phone: [REDACTED] Fax: [REDACTED]	[REDACTED]	Professor of Civil Engineering, Environmental Engineering Area, Purdue. Ph.D., P.E.
Kaiser, Klaus	National Water Research Institute [REDACTED] Burlington, Ontario Canada	[REDACTED]	Dr. res. nat. (Technical University Munich, Germany), Research Scientist (retired), Natl. Water Research Institute. Author/coauthor of numerous scientific papers, author of numerous popular public press articles, author/editor of several books. (NOAA Letter Signatory) Ph.D.
Kaplan, Alexander E.	Electrical & Computer Engineering Department Johns Hopkins University Office: [REDACTED] Home: [REDACTED]	[REDACTED]	Professor, PhD, Department of Electrical and Computer Engineering, The Johns Hopkins University; Max Born Award (Optical Society of America) 2005; Senior Alexander von Humboldt Award (von Humboldt Foundation) 1996; Fellow OSA, laser physics, nonlinear and quantum optics, USA. (NOAA Letter Signatory) http://psi.ece.jhu.edu/~kaplan
Keen, Richard A.	Department of Atmospheric & Oceanic Sciences University of Colorado [REDACTED] Boulder, CO	[REDACTED]	Emeritus Instructor of Atmospheric Science, University of Colorado, Author of 7 books and numerous reports and scientific papers on Climate and Meteorology. NWS climate change, Observer for Monsanto (retired as Science Fellow) 1981-2002 & Agrium 2003-2007. (NOAA Letter Signatory) Ph.D. Climatology/Geography, University of Colorado
Knox, Robert S.	Physics & Astronomy University of Rochester [REDACTED] Rochester, NY	[REDACTED]	Professor of Physics Emeritus, U. of Rochester, fellow, American Physical Society; charter member, American Society for Photobiology. (NOAA Letter Signatory) Ph.D. Physics & Optics (University of Rochester)
Koldewyn, William A.	Strategic Space Development [REDACTED] [REDACTED]	[REDACTED]	Retired Aerospace physicist (Ball Aerospace). Consultant, Strategic Space Development. (NOAA Letter Signatory) Ph.D. Physics (Wesleyan University)

Koonin, Steven	Center for Urban Progress [REDACTED] Brooklyn, NY [REDACTED]	[REDACTED]	Director of the Center for Urban Progress in Brooklyn, NY., member of the U.S. National Academy of Sciences and the JASON advisory group, adjunct staff member at the Institute for Defense Analysis, former professor of theoretical physics at California Institute of Technology (Caltech) from 1975-2006 and was the Institute's Provost for almost a decade, and former undersecretary for science in the Obama administration's Energy Department. WSJ article titled "Climate Science Not Settled, Says Former Obama Undersecretary for Science," September 29, 2014, reported: "Ph.D. physicist Steven Koonin says climate science is far from settled and we are a long way from having good enough knowledge to make wise climate policy. That view is not news to climate skeptics, but it may seem surprising coming from Koonin, who was t in the president's first term. Koonin says the crucial question isn't whether climate is changing, which is a settled matter: It is changing and always will change. The crucial question - how will climate change over the next century as a result of both human and natural influences - is more complex and unsettled." B.S. in Physics from Caltech and a Ph.D. in Theoretical Physics from MIT (1975).
Kramm, Gerhard	Geophysical Institute University of Alaska [REDACTED] Fairbanks, AK [REDACTED]	[REDACTED]	Research Associate Professor of Meteorology (retired), author and co-author of numerous papers on meteorology and co-author of Lectures in Meteorology. Springer, 2014. Testified to Alaska Climate Impact Assessment Commission in 2007, concluding models are flawed and there is no climate crisis: http://www.housemajority.org/coms/cli/ua/gerhard_kramm.pdf (NOAA Letter Signatory) 1994, Dr. rer. nat., Meteorology (magna cum laude), Department of Physics, Humboldt-University of Berlin, Germany 1980, Diploma, Meteorology, Faculty of Mathematics and Natural Sciences, University at Cologne, Germany 1975, Prediploma, Faculty of Mathematics and Natural Sciences, University at Cologne, Germany 1973, Diploma, Industrial Engineering, Faculty of Production, Cologne University of Applied Sciences, Germany.
Kyle, Gary S.	Department of Physics [REDACTED] New Mexico State University [REDACTED] Las Cruces, NM [REDACTED]	[REDACTED]	Professor and Head of the Physics Department at New Mexico State University (retired). Research field: High Energy Nuclear Physics. (NOAA Letter Signatory) Ph.D. Physics (University of Minnesota)
LaPoint, Patricia A.	McMurry University [REDACTED] Abilene, TX [REDACTED]	[REDACTED]	Professor of Management, Author of several articles on wind energy. (NOAA Letter Signatory). Ph.D.
Legates, David	University of Delaware College of Earth, Ocean, & Environment [REDACTED] Newark, DE [REDACTED]	[REDACTED]	One of the highest profile tenured climate realists in the U.S.. Professor of climatology in the Department of Geography at the University of Delaware. Legates is also an adjunct professor in the Physical Ocean Science and Engineering Program and the Department of Applied Economics and Statistics at U-Delaware. He earned certified consulting meteorologist status from the American Meteorological Society and in 1999 was awarded the Boeing Autometric Award for best paper in image analysis and interpretation. Legates has published more than 125 articles in refereed journals, conference proceedings, and monograph series and has made more than 250 professional presentations. Coauthored with Monckton et al. article on why models run hot in Chinese Science Bulletin Appeared in video with Soon, more than 500,000 copies in circulation. Ph.D. Climatology (University of Delaware) https://www.heartland.org/about-us/who-we-are/david-legates
Lehr, Jay	Environmental Education Enterprises [REDACTED] Ostrander, OH [REDACTED]	[REDACTED]	Heartland Institute's science director, a hydrologist by training, and speaks frequently to agribusiness meetings and other audiences in farm areas. Author or editor of many books and hundreds of articles, including several reference books and encyclopedias for Wiley Interscience series. Has spoken frequently at ICCCs. (NOAA Letter Signatory) https://www.heartland.org/about-us/who-we-are/jay-lehr-phd Ph.D. Arizona State University, B.S. Princeton University
Levine, Robert E.	[REDACTED]	[REDACTED]	Dr. Robert E. "Bob" Levine worked in physics and engineering, and retired in 2007. He began his professional career developing scientific instrumentation at Princeton Applied Research Corp. In 1973 he moved to the petroleum services industry, working in science and technology at the Schlumberger-Doll Research Center and then in engineering, initially at the Welex division of Halliburton Corp. and later at Dresser-Atlas. In 1986, he shifted to national defense work at Ft. Huachuca, AZ, first as a contract employee, subsequently as a civilian employee of the US Army, and later at an agency of the US Department of Defense. His defense work concerned development and testing of information technology systems, with emphasis on systems architecture, data management, test methodologies, and project direction. (NOAA Letter Signatory) Ph.D. Physics (University of Pennsylvania)
Lindzen, Richard	MIT Department of Earth, Atmospheric, & Planetary Sciences [REDACTED] Cambridge, MA [REDACTED]	[REDACTED]	Emeritus, Alfred P. Sloan Professor of Meteorology, Member of National Academy of Sciences, author of numerous papers on climate and meteorology. (NOAA Letter Signatory) He has also been a consultant to the Global Modeling and Simulation Group at NASA's Goddard Space Flight Center, and a Distinguished Visiting Scientist at California Institute of Technology's Jet Propulsion Laboratory. He received his Ph.D. from Harvard University. https://www.heartland.org/about-us/who-we-are/richard-lindzen

Lipman, Everett	Department of Physics [REDACTED] University of California Santa Barbara, CA [REDACTED] [REDACTED]	[REDACTED]	Associate Professor of Physics, University of California, Santa Barbara. (NOAA Letter Signatory)
Loehle, Craig	National Council for Air and Stream Improvement [REDACTED] Cary, NC [REDACTED]	[REDACTED]	Principal scientist at the National Council for Air and Stream Improvement, where he conducts computer modeling of forest growth and global climate change research. He worked in the Environmental Research Division at Argonne National Laboratory 1991-1998, and was a Research Ecologist at Savannah River Laboratory from 1987-1991. He has written more than 100 peer-reviewed papers in forestry, ecology, geophysics, modeling, and other fields. In articles published in Energy and Environment in 2007 and 2008, Loehle presented a new 2000-year global temperature reconstruction based on non-tree-ring proxies, a major improvement to the Mann et al. so-called "hockey stick" diagram. He is a member of the Ecological Society of America, Society of American Foresters, and International Society for Ecological Modeling. B.S. in forest science from the University of Georgia, a M.S. in forest management from the University of Washington, and a Ph.D. in range management (mathematical ecology) from Colorado State University. https://www.heartland.org/about-us/who-we-are/craig-loehle
Lupo, Anthony R.	Soil, Environmental, & Atmospheric Sciences School of Natural Resources University of Missouri [REDACTED] Columbia, MO [REDACTED] [REDACTED]	[REDACTED]	Associate professor of atmospheric science in the Department of Soil, Environmental, and Atmospheric Science at the University of Missouri – Columbia. He was a Fulbright Scholar to the Russian Academy of Sciences during the 2003-2004 academic year. He is a member of the American Meteorological Society, National Weather Association, and American Geophysical Union and a Fellow of the Royal Meteorological Society. His research has appeared many times in peer-reviewed journals, including National Weather Digest, Journal of Geophysical Research, and Bulletin of the American Meteorological Society. Contributed to CCR, spoke at ICC-7. MS and Ph.D. degrees in atmospheric physics from Purdue University https://www.heartland.org/about-us/who-we-are/anthony-r-lupo
Lynch, William T.	[REDACTED] Apex, NC [REDACTED]	[REDACTED]	IEEE Fellow, Former Director at Semiconductor Research Corporation, Former Dept. Head of VLSI Device Technology at Bell Laboratories, Former member of the U.S. Nuclear Emergency Team #1, and a nuclear and radiation effects specialist (NOAA Letter Signatory)
Malkan, Matthew	Physics and Astronomy [REDACTED] UCLA Los Angeles, CA [REDACTED] [REDACTED]	[REDACTED]	Professor of Physics and Astronomy at UCLA. He received his PhD in Astronomy from Caltech. He is the lead author or co-author of over 350 peer-reviewed articles. (NOAA Letter Signatory) Ph.D. Astronomy (Caltech)
Mangino, Martin J.	[REDACTED] Richmond, VA [REDACTED]	[REDACTED]	Professor, Virginia Commonwealth University, Research Director, VCU Trauma Center, President, Virginia Scientists and Engineers for Energy and Environment (VA-SEEE), Richmond (NOAA Letter Signatory)
Manuel, Oliver K.	[REDACTED]	[REDACTED]	Emeritus Professor, University of Missouri, Former NASA Principal Investigator for Apollo, PhD - Nuclear Chemistry, Postdoc - Space Physics, Fulbright - Astrophysics. (NOAA Letter Signatory)
Martinis, John	Department of Physics [REDACTED] University of California Santa Barbara, CA [REDACTED] [REDACTED] http://www.physics.ucsb.edu/~martinigroup/index.shtml	[REDACTED]	Professor of Physics, University of California, Santa Barbara. (NOAA Letter Signatory)
Maxham, Amanda	[REDACTED]	[REDACTED]	Physicist and research associate, The Ayn Rand Institute. Spoke at an ICC- https://www.heartland.org/about-us/who-we-are/amanda-maxham
McIntyre, Stephen	[REDACTED]	[REDACTED]	Coauthor, with Ross McKittrick, of Taken by Storm, a 2003 book on the hockey stick. McIntyre is the primary author of the blog Climate Audit, noted for its many articles skeptical of climate change. He is a prominent critic of scientific studies of temperature records of the past 1000 years that show increasing global temperatures. He worked in mineral exploration for 30 years, much of that time as an officer or director of several public mineral exploration companies. "I've spent most of my life in business, mostly on the stock market side of mining exploration deals," he said in 2009. He has also been a policy analyst for both the governments of Ontario and of Canada. He spoke at ICC-1.

Michaels, Patrick.	Cato Institute [REDACTED] [REDACTED]	[REDACTED]	Patrick J. Michaels is a Senior Research Fellow for Policy and Economic Development at George Mason University. He is a past president of the American Association of State Climatologists and was program chair for the Committee on Applied Climatology of the American Meteorological Society. Michaels was also a research professor of Environmental Sciences at University of Virginia for thirty years. Michaels is a contributing author and reviewer of the United Nations Intergovernmental Panel on Climate Change, which was awarded the Nobel Peace Prize in 2007. His writing has been published in the major scientific journals, including Climate Research, Climatic Change, Geophysical Research Letters, Journal of Climate, Nature, and Science, as well as in popular serials such as the Washington Post, Washington Times, Los Angeles Times, USA Today, Houston Chronicle, and Journal of Commerce. He was an author of the climate "paper of the year" awarded by the Association of American Geographers in 2004. He has appeared on most of the worldwide major media. Michaels holds A.B. and S.M. degrees in biological sciences and plant ecology from the University of Chicago, and he received a Ph.D. in ecological climatology from the University of Wisconsin at Madison in 1979. https://www.heartland.org/about-us/who-we-are/patrick-michaels
Miskolczi, Ferenc M.	[REDACTED] [REDACTED]	[REDACTED]	Former NASA Senior Principal Scientist. Foreign Associate Member of the Hungarian Academy of Sciences. (NOAA Letter Signatory) Ph.D. Astrophysics, Earth Sciences https://www.heartland.org/about-us/who-we-are/ferenc-miskolczi
Mitchell, Dennis M.	Chair, IPEP Ethics Committee Laurel Hill, FL [REDACTED] [REDACTED]	[REDACTED]	Certified Public Accountant (Louisiana) and Qualified Environmental Professional (IPEP), Honorary Lifetime Member International Air & Waste Management Association. (NOAA Letter Signatory)
Moore, David S.	Los Alamos National Laboratory [REDACTED] Los Alamos, NM [REDACTED] Public Affairs: [REDACTED]	[REDACTED]	Los Alamos National Laboratory Fellow, American Physical Society Fellow, International Union of Pure and Applied Physics Fellow, Alexander von Humboldt Fellow. (NOAA Letter Signatory) Ph.D. Physical Chemistry (University of Wisconsin)
Moore, John H.	[REDACTED] Grove City, PA [REDACTED]	[REDACTED]	Deputy Director, National Science Foundation, 1985-1989; President, Sigma Xi, 1998-1999; President, Grove City College, 1996-2003. (NOAA Letter Signatory) Ph.D. Economics (University of Virginia)
Newton, Michael	Department of Forest Engineering, Resources, & Management College of Forestry Oregon State University [REDACTED] [REDACTED]	[REDACTED]	Professor Emeritus, Forest Ecology, Oregon State University. (NOAA Letter Signatory) Ph.D.
Nichols, Rodney	[REDACTED] New York City, NY [REDACTED] [REDACTED]	[REDACTED]	former President and Chief Executive Officer of the New York Academy of Sciences; Scholar-in-Residence at the Carnegie Corporation of New York, Executive Vice President of The Rockefeller University, R&D manager Office of the Secretary of Defense. (NOAA Letter Signatory)
Nikolov, Nedialko (Ned)	USDA Forest Service [REDACTED] Fort Collins, CO [REDACTED] [REDACTED]	[REDACTED]	Physical Scientist (with expertise in atmosphere-ecosystem interactions, vegetation remote sensing, fire-weather forecasting and climate dynamics), USDA Forest Service. (NOAA Letter Signatory) Ph.D.
Perry, Charles A.	U.S. Department of Interior U.S. Geological Survey Office of Communication [REDACTED] Phone: [REDACTED]	[REDACTED]	Hydrologist and Solar Physicist, formerly of USGS (retired). (NOAA Letter Signatory) Ph.D.
Pielke, Roger, Jr.	[REDACTED] Boulder, CO [REDACTED]	[REDACTED]	Author of The Rightful Place of Science: Disasters & Climate Change (2014, CSPO-ASU), director of the Sports Governance Center within the University of Colorado Department of Athletics. Roger's research focuses on science, innovation and politics. Has degrees in mathematics, public policy and political science, all from the University of Colorado. In 2012 Roger was awarded an honorary doctorate from Linköping University in Sweden and was also awarded the Public Service Award of the Geological Society of America. Roger also received the Eduard Brückner Prize in Munich, Germany in 2006 for outstanding achievement in interdisciplinary climate research. Before joining the faculty of the University of Colorado, from 1993-2001 Roger was a Scientist at the National Center for Atmospheric Research.

Robinson, Art	Oregon Institute of Science & Medicine ██████████ Cave Junction, OR ██████████ ██████████	██████████	Distinguished chemist, cofounder of the Oregon Institute of Science and Medicine (OISM), and editor of the influential newsletter Access to Energy. (NOAA Letter Signatory) Ph.D. Chemistry (University of California at San Diego) https://www.heartland.org/about-us/who-we-are/arthur-b-robinson
Rogers, Norman	Rabbit Semiconductor ██████████ Davis, CA ██████████	██████████	founder of Rabbit Semiconductor Company, member of the American Geophysical Union and the American Meteorological Society (NOAA Letter Signatory) https://www.heartland.org/about-us/who-we-are/norman-rogers
Rust, James H.	██████████ Atlanta, GA ██████████	██████████	Professor of nuclear engineering, Georgia Institute of Technology (retired), Atlanta, Georgia (NOAA Letter Signatory) Ph.D. https://www.heartland.org/about-us/who-we-are/james-h-rust
Sadar, Anthony J. (Tony)	██████████	██████████	Professor of atmospheric and environmental science, statistics, air pollution meteorology, and engineering at Geneva College. Certified consulting meteorologist. Author of In Global Warming We Trust: Too Big To Fail. M.S., Environmental Science (Cincinnati) B.S., Meteorology (Penn State)
Schmitt, Harrison	██████████ Albuquerque, NM ██████████	██████████	Geologist, Astronaut, Former U.S. Senator, Former Chair NASA Advisory Council, former member of Heartland's board of directors, spoke at two ICCCs. (NOAA Letter Signatory) https://www.heartland.org/about-us/who-we-are/harrison-schmitt
Sharp, Gary	LinkedIn: https://www.linkedin.com/in/gary-sharp-21b9325	██████████	Marine Biologist, retired. Formerly with Center for Climate/ocean Resources Study, California State University Monterey Bay, Cooperative Institute for Research in the Integrated Ocean Sciences, (CIRIOS). Ph.D., UC San Diego Scripps Institution of Oceanography
Sheahan, Thomas P.	Deer Park, MD ██████████	██████████	Research career in energy sciences, including Demand-Side Management (Energy Conservation); author of book Introduction to High-Temperature Superconductivity; measured infrared absorption by CO2 and H2O. (NOAA Letter Signatory). Ph.D. Physics (Massachusetts Institute of Technology) https://www.heartland.org/about-us/who-we-are/tom-sheahan
Singer, S. Fred	██████████ Arlington, VA ██████████ ██████████	██████████	Emeritus Prof of Envir Sciences, U of VA. Founding director, US Weather Satellite Service; former Vice Chm, Nat'l Advis Common Oceans and Atmosphere. Fellow, AAAS, AGU, APS, AIAA. Founding chm of NIPCC. Co-author of NYT best-seller Unstoppable Global Warming, lead author (with Craig Idso and Robert Carter) of the Climate Change Reconsidered series published by the Nongovernmental International Panel on Climate Change. (NOAA Letter Signatory) Dr. Singer did his undergraduate work in electrical engineering at Ohio State University and holds a Ph.D. in physics from Princeton University. https://www.heartland.org/about-us/who-we-are/s-fred-singer
Soon, Willie	██████████ Salem, MA ██████████ ██████████	██████████	Dr. Wei-Hock Willie Soon, an astrophysicist and geoscientist, is a leading authority on the relationship between solar phenomena and global climate. His discoveries challenge computer modelers and advocates who consistently underestimate solar influences on cloud formation, ocean currents, and wind that cause climate to change. He has faced and risen above unethical and often libelous attacks on his research and his character, becoming one of the world's most respected and influential voices for climate realism. Dr. Soon earned his bachelor's and master's degrees in science and his Ph.D. in aerospace engineering from the University of Southern California. Since 1992, Dr. Soon has been an astronomer at the Mount Wilson Observatory. He is also receiving editor in the area of solar and stellar physics for New Astronomy. He writes and lectures both professionally and publicly on important issues related to the sun, other stars, and the Earth, as well as general science topics in astronomy and physics. (NOAA Letter Signatory) https://www.heartland.org/about-us/who-we-are/willie-soon
Southgate, Douglas	Ohio State University ██████████ Columbus, Ohio ██████████ http://aede.osu.edu/our-people/douglas-southgate	██████████	Emeritus Professor in the Department of Agricultural, Environmental, and Development Economics at The Ohio State University. https://www.heartland.org/about-us/who-we-are/douglas-southgate

Spencer, Roy	The University of Alabama in Huntsville Huntsville, AL http://www.drroyspencer.com/	[REDACTED]	Principal Research Scientist, University of Alabama in Huntsville (NOAA Letter Signatory) Ph.D. U of Alabama https://www.heartland.org/about-us/who-we-are/roy-spencer
Steward, Leighton	PlantsNeedCO2.org Houston, TX Work: [REDACTED] Home: [REDACTED] Cell: [REDACTED]	[REDACTED]	Author of Fire, Ice and Paradise, started the retired NASA group The Right Climate Stuff, as a Board Member of EOG Resources, an important major US independent oil and gas producer and national leader in shale oil and gas drilling and production technology, Leighton is very well-connected to important legislators in the US Congress, Lamar Smith, Chairman of the House Space, Science and Technology Committee that has important oversight responsibilities for NASA as well as EPA and other agencies involved with climate research and related regulatory activity. Video of his presentation at Texas PPF: and again at ICC-9 on the benefits of CO2 enrichment. http://texas-policy.squarespace.com/resources/2014/10/7/panel-5 He spoke at ICC-4 . Geologist, environmentalists, and Chairman of Plants Need CO2.org. (NOAA Letter Signatory)
Suckewer, Szymon	Princeton University Princeton, NJ http://suckewer.princeton.edu/	[REDACTED]	Professor at Princeton University, Co-Director of Program in Plasma Science and Technology, Fellow of American Physical Society, Fellow of Optical Society of America, 2007 Recipient of Arthur Schawlow Award of American Physical Society. (NOAA Letter Signatory) Ph.D. Physics
Sundelin, Ronald	Commonwealth Professor Emeritus of Physics Physics Department Virginia Tech Blacksburg, VA	[REDACTED]	Governor's Distinguished Professor of Physics Emeritus at Virginia Tech, retired Associate Director for Technical Performance at the Department of Energy's Thomas Jefferson National Accelerator Facility, and Fellow of the American Physical Society. (NOAA Letter Signatory) Ph.D.
Tanton, Tom		[REDACTED]	Tom Tanton is director of Science and Technology Assessment for E&E Legal and president of T ² & Associates, a firm providing services to the energy and technology industries. T ² & Associates are active primarily in the area of renewable energy and interconnected infrastructures, analyzing and providing advice on their impacts on energy prices, environmental quality and regional economic development. Tanton has 40 years of direct and responsible experience in energy technology and legislative interface, having been central to many of the critical legislative changes that enable technology choice and economic development at the state and federal level. Mr. Tanton is a strong proponent of free market environmentalism and consumer choice, and frequently publishes and speaks against alarmist and reactionary policies and government failures. As General Manager at EPRI from 2000 to 2003, Tanton was responsible for the overall management and direction of collaborative research and development programs in electric generation technologies, integrating technology, market infrastructure, and public policy. From 2003 through 2007, Tanton was Senior Fellow and Vice President of the Houston based Institute for Energy Research. He was also a Senior Fellow in Energy Studies with the Pacific Research Institute until 2010. He spoke at ICC-2. B.S. Chemistry, California State University, San Diego https://www.heartland.org/about-us/who-we-are/thomas-tanton
Taylor, George H.	Applied Climate Services Corvallis, OR	[REDACTED]	George Taylor is President of Applied Climate Services of Corvallis, Oregon, specializing in extreme precipitation analyses, weather event reconstruction, and forensic meteorology. Formerly the State Climatologist for Oregon for 19 years, Taylor has been active in meteorology and climatology since 1971.
Taylor, James		[REDACTED]	President/founder, Spark of Freedom Foundation, senior fellow at The Heartland Institute, former managing editor of Environment & Climate News. Taylor has presented energy and environment analysis on CNN, CNN Headline News, Fox News Channel, Fox Business Channel, MSNBC, PBS News Hour, PBS Frontline, CBS Evening News, ABC World News, and other TV and radio outlets across the country. He has been published in virtually every major newspaper in the country. A popular public speaker, he has presented at events sponsored by the National Conference of State Legislatures (NCSL), American Legislative Exchange Council (ALEC), Council of State Governments, National Association of Counties, National Foundation of Women Legislators, State Policy Network (SPN), CPAC, Cato Institute, Heritage Foundation, and European Institute for Climate and Energy. BA in government from Dartmouth College, JD from Syracuse University. https://www.heartland.org/about-us/who-we-are/james-m-taylor
Thompson, David E.	Sandia Park, NM Home: [REDACTED] Cell: [REDACTED]	[REDACTED]	Professor and Dean Emeritus, College of Engineering, the University of Idaho. Published Design Analysis, Mathematical Modeling of Nonlinear Systems (Cambridge Press, 1988). (NOAA Letter Signatory) Ph.D. Mechanical Engineering

Tipler, Frank J.	Department of Physics [REDACTED] Tulane University New Orleans, LA [REDACTED] Phone: [REDACTED] Fax: [REDACTED]	[REDACTED]	Professor of Mathematical Physics, Tulane University. (NOAA Letter Signatory)
Trimble, Stanley W.	Professor Emeritus [REDACTED] Department of Geography [REDACTED] Los Angeles, CA [REDACTED] Phone: [REDACTED]	[REDACTED]	Emeritus Professor, UCLA. Over the past 42 years, author, coauthor, or editor of 9 books on environmental issues in water including Environmental Hydrology (2013, 2015) and The Encyclopedia of Water Science (2007), plus about 100 scientific papers, many published in Science. (NOAA Letter Signatory) http://www.geog.ucla.edu/content/stanley-trimble
Waggoner, Paul		[REDACTED]	Distinguished scientist, former director of the Connecticut Agricultural Experiment Station; Connecticut Department of Forestry and Horticulture, New Haven. His research has spanned micrometeorology; stomates or leaf pores; plant disease epidemiology; and land use by cities, crops, and forests. He is a member of the National Academy of Sciences and has participated in studies of adaptation to climate change for the American Association for the Advancement of Science, Council for Agricultural Science and Technology, and National Academy of Sciences. He spoke at ICC-1. PhD, Plant Pathology and Climatology, Iowa State University 1951. https://www.heartland.org/about-us/who-we-are/paul-waggoner
Wallace, Lance	[REDACTED]	[REDACTED]	100 publications, mostly on human exposure to environmental pollutants, founding member of International Society of Exposure Science and International Society for Indoor Air and Climate (ISIAQ), member of AAAS and AAAR. (NOAA Letter Signatory) Ph.D. Astrophysics
Walters, William B.	The College of Computer, Mathematical & Natural Sciences [REDACTED] University of Maryland College Park, [REDACTED] Office Phone: [REDACTED]	[REDACTED]	Professor, Division of Atmospheric, Nuclear, and Environmental Chemistry, Department of Chemistry and Biochemistry, University of Maryland, College Park, Maryland; American Chemical Society Research Award in Nuclear Chemistry, 2001, Guggenheim Fellow, Clarendon Laboratory, Oxford University 1987. (NOAA Letter Signatory) Ph.D.
Wanliss, James	[REDACTED]	[REDACTED]	Professor of Physics at Presbyterian College, Clinton, SC. He is a Senior Fellow and Contributing Writer for The Cornwall Alliance for the Stewardship of Creation, and author of Resisting the Green Dragon: Dominion, Not Death. https://www.heartland.org/about-us/who-we-are/james-wanliss
Ward, Fred S.	WSI Corporation [REDACTED] Phone: [REDACTED] Fax: [REDACTED]	[REDACTED]	BS, MS, PhD meteorology, MIT 1952, Air Force Geophysics Laboratory, Co-founder of WSI Corporation, WNAC-TV meteorologist. (NOAA Letter Signatory)
Watts, Anthony	[REDACTED]	[REDACTED]	Anthony Watts is a 25-year broadcast meteorology veteran, currently chief meteorologist for KPAY-AM radio, and host of WattsUpWithThat, the world's most popular blog on the science of climate change. He got his start as on-air meteorologist for WLFI-TV in Lafayette, Indiana and at KHSL-TV in Chico, California. In 1987, he founded ItWorks, which supplies broadcast graphics systems to hundreds of cable television, television, and radio stations nationwide. ItWorks supplies custom weather stations, Internet servers, weather graphics content, and broadcast video equipment In 2007, Watts founded SurfaceStations.org, a Web site devoted to photographing and documenting the quality of weather stations across the U.S. https://www.heartland.org/about-us/who-we-are/anthony-watts
Weinstein, Leonard		[REDACTED]	B.Sc Physics. Former NASA Senior Research Scientist and former Senior Research Fellow, National Institute of Aerospace, retired after 51 years research. Associate fellow AIAA, Recipient of AIAA Engineer of the year, and numerous other awards. (NOAA Letter Signatory) ScD. Aerospace Engineering
Werner, Samuel A.		[REDACTED]	Curators' Professor of Physics Emeritus, University of Missouri and Guest Researcher, Neutron Physics Group, NIST, Fellow APS, AAAS, NSSA. (NOAA Letter Signatory)
Wolf, Frederick	Professor of Physics Keene State College [REDACTED] South Acworth, [REDACTED] Office: [REDACTED] Phone: [REDACTED]	[REDACTED]	Source: Marc Marano, http://www.epw.senate.gov/public/index.cfm/press-releases-all?ID=865dbe39-802a-23ad-4949-ee9098538277 Physics professor Dr. Frederick Wolf of Keene State College in New Hampshire, declared himself a dissenter of man-made climate fears in January 2008. Wolf has taught meteorology and climatology courses for the past 25 years and will be undertaking a sabbatical project on global warming. "Several things have contributed to my skepticism about global warming being due to human causes. We all know that the atmosphere is a very complicated system," Wolf said. "I am impressed by the number of scientific colleagues who are naturally skeptical about the conclusion of human induced warming," he added.

Wolff, George T.	Air Improvement Resource, Inc. [REDACTED] Macatawa, MI [REDACTED] Phone: [REDACTED] Fax: [REDACTED]	[REDACTED]	Former Chair EPA's Clean Air Scientific Advisory Committee, author of numerous papers on air quality and meteorology. (NOAA Letter Signatory) M.S. Meteorology, B.S. Chemical Engineering Ph.D. Environmental Sciences
Wysmuller, Thomas	www.colderside.com	[REDACTED]	(NASA Ret.) 2013 "Water Day" chair, UNESCO-IHE (Delft, NL); 2015 "Sea-Level presenter" at http://www.waterconf.org (Varna, Bulgaria); 2016 Sea-Level chair at Symmetrion, (Vienna, Austria), Founding member, NASA TRCS Climate Group, Johnson Space Center (Houston, TX). (NOAA Letter Signatory)
Young, S. Stanley	Cgstat LLC [REDACTED] Raleigh, NC [REDACTED] Phone: [REDACTED]	[REDACTED]	Assistant Director, Bioinformatics National Institute of Statistical Sciences Research Triangle Park, NC. He worked in the pharmaceutical industry on all phases of pre-clinical research, first at Eli Lilly and then at GlaxoSmithKline. He has authored or co-authored over 50 papers including six "best paper" awards, and a highly cited book, Resampling-Based Multiple Testing. Fellow of the American Statistical Association and the American Association for the Advancement of Science. He is an adjunct professor of statistics at North Carolina State University, the University of Waterloo and the University of British Columbia where he co-directs thesis work. He is also CEO of CGStat, he spoke at 10th ICCS. (NOAA Letter Signatory) BS, MES and a PhD in Statistics and Genetics from North Carolina State University. https://www.heartland.org/about-us/who-we-are/s-stanley-young
Zubrin, Robert	Pioneer Astronautics [REDACTED] Unit A Lakewood, CO [REDACTED] [REDACTED]	[REDACTED]	Dr. Robert Zubrin is the founder and president of Pioneer Energy and author of Merchants of Despair. Dr. Zubrin has a B.A. in Applied Mathematics from the University of Rochester, a M.S in Aeronautics and Astronautics and a Ph.D. in Nuclear Engineering, both from the University of Washington. He has 26 years industry experience, over 200 technical and non-technical publications in various areas of astronautical, aerospace, fossil fuel, and nuclear engineering, and 14 U.S. patents. https://www.heartland.org/about-us/who-we-are/robert-zubrin
Zybach, Bob		[REDACTED]	Historical ecologist with long-term research focus on Pacific Northwest catastrophic wildfires and reforestation history, more than 200 popular articles, editorials, presentations, reports and media interviews. (NOAA Letter Signatory) Ph.D. Environmental Sciences