

World Climate Declaration

THERE IS NO CLIMATE EMERGENCY

2051 SIGNATORIES



GLOBAL CLIMATE INTELLIGENCE GROUP

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There is no climate emergency

Climate science should be less political, while climate policies should be more scientific. Scientists should openly address uncertainties and exaggerations in their predictions of global warming, while politicians should dispassionately count the real costs as well as the imagined benefits of their policy measures

Natural as well as anthropogenic factors cause warming

The geological archive reveals that Earth's climate has varied as long as the planet has existed, with natural cold and warm phases. The Little Ice Age ended as recently as 1850. Therefore, it is no surprise that we now are experiencing a period of warming.

Warming is far slower than predicted

The world has warmed significantly less than predicted by IPCC on the basis of modeled anthropogenic forcing. The gap between the real world and the modeled world tells us that we are far from understanding climate change.

Climate policy relies on inadequate models

Climate models have many shortcomings and are not remotely plausible as policy tools. They do not only exaggerate the effect of greenhouse gases, they also ignore the fact that enriching the atmosphere with CO₂ is beneficial.

CO₂ is plant food, the basis of all life on Earth

CO₂ is not a pollutant. It is essential to all life on Earth. More CO₂ is favorable for nature, greening our planet. Additional CO₂ in the air has promoted growth in global plant biomass. It is also profitable for agriculture, increasing the yields of crops worldwide.

Global warming has not increased natural disasters

There is no statistical evidence that global warming is intensifying hurricanes, floods, droughts and suchlike natural disasters, or making them more frequent. However, there is ample evidence that CO₂-mitigation measures are as damaging as they are costly.

Climate policy must respect scientific and economic realities

There is no climate emergency. Therefore, there is no cause for panic and alarm. We strongly oppose the harmful and unrealistic net-zero CO₂ policy proposed for 2050. Go for adaptation instead of mitigation; adaptation works whatever the causes are.

OUR ADVICE TO THE WORLD LEADERS IS THAT SCIENCE SHOULD STRIVE FOR A SIGNIFICANTLY BETTER UNDERSTANDING OF THE CLIMATE SYSTEM, WHILE POLITICS SHOULD FOCUS ON MINIMIZING POTENTIAL CLIMATE DAMAGE BY PRIORITIZING ADAPTATION STRATEGIES BASED ON PROVEN AND AFFORDABLE TECHNOLOGIES.

To believe the outcome of a climate model is to believe what the model makers have put in. This is precisely the problem of today's climate discussion to which climate models are central. Climate science has degenerated into a discussion based on beliefs, not on sound self-critical science. Should not we free ourselves from the naive belief in immature climate models?



The undersigned:

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TOTAL SIGNATORIES 2051



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- Aldo Brandani
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188 SIGNATORIES FROM AUSTRALIA

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- Stuart Ballantyne
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PhD, former academic medical researcher operating as a freelance
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- Jim Bannister

industry researcher for many years but recently a high school
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Director GCB Investments Pty Ltd.

- Maxwell C Beck

B.Juris.LLB, lifetime experience in law, Retired Magistrate and Coroner

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lifetime active as Geologist; Dr. Creech informs the public by giving presentations on Climate Change
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lifetime experience as Architect (B Arch), active in giving talks and writing opinion articles on climate change
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- Andrew Gillies
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Worked for NASA, now Technology Consultant to Multinationals
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- Peter Ridd
Oceanographer and Geophysicist

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• John Cameron Robertson	Author of CO2 Feeds the World and The Climate Change Delusion
• Philip Lance Robinson	Chemical Engineer, lifetime experience in the aluminium and steel industry
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• George (rob) Ryan	Professional Geologist
• Judy Ryan†	Editor Principia Scientific Institution Australia
• Tony Schreck	Managing Director, 35 yrs experienced geologist, Member of the Australian Institute of Geoscientists, Member of the Australian Institute of Company Directors
• Pasquale Seizis	Mechanical Engineer, climate critic
• Geoffrey Sherrington	Geoffrey Sherrington, Retired Chief Geochemist, Geopeko Limited
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• Mark Sloan	Earth Scientist
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• Edward Smith	Chartered Chemist, member of the Royal Australian Institute of Chemistry (RACI), lifetime of experience in the Pharmaceutical industry
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• Peter Tyrer	Project Controls Engineer in Mining Industry
• Dr. Julian Vearncombe	PhD, Geologist, Fellow Australian Institute of Geoscientists
• Terrence Vincent	Security Engineer, Small Business Adviser AIST, ASIAL, SMBE
• John Vucko	Electrical Engineer, Nationally Awarded Consultant
• James Walter	Medical Doctor
• John Warnock	Astro Economist
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• Chris Wijns	PhD, 30-year career in exploration and solid earth geophysics

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- Neil Wilkins
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- Lawrence A. Wilson
- P.C. Wilson
- Michael Wilson
- Philip Wood
- Dr Michael Wort

Retired Geologist
retired electrical engineer with thirty years experience in the Australian mining and mineral processing industry
Professional Chemical Engineer, Melbourne
Former Journalist with the A.B.C. Queensland
PhD, DSc, Emeritus Professor, former Executive Dean UWS, Former Chief Research Scientists CSIRO, Low Emissions Transport Fuels Leader
Qualified Lawyer in four Jurisdictions (Australia, New York, UK and Hong Kong), CEO of two ASX-listed Companies operating in the Mining and Minerals Processing Fields
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10 SIGNATORIES FROM AUSTRIA

10 Signatories

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- Dipl Ing, Dr rer techn Heribert Martinides
- Rudolf Posch
- Dr. Eike Roth
- Helmut M. Sauseng
- Hans Dirk Struve
- Dr. Joseph Laszlo Szekeres
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PD in Medicine, and pharmacist and entrepreneur
Career in Physics and Nanotechnology, patent holder and author in multiple scientific publications
Berg Ingenieur, Climate Realist
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PhD, Retired Software Engineer of a Technical Multinational, Expert in Nonlinearities and Feedbacks
PhD in Physics, Lifetime career in Nuclear Energy
MSc Physical Chemistry, entrepreneur, activist in civil society
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1 SIGNATORY FROM BANGLADESH

1 Signatory

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1 SIGNATORY FROM BARBADOS

1 Signatory

- Fred Corbin

Director of CSW Engineering 2000, Co-founder of The FREEWINDS organization



43 SIGNATORIES FROM BELGIUM

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- Ferdinand Meeus

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41 Signatories

- Rudy Berkvens
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- retired civil engineer Christian Bouko
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Information Security and Quality Management Auditor in ICT and Aviation, Commercial Pilot, Flight Instructor
Retired Civil Engineer
civil engineer specialized in road construction and in river hydraulics
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- Alexandre G. Clauwaert Brussels Polytechnic, Civil Engineer
- Alain Colignon Surgeon, Brussels University (ULB), Professor of Laser Physics at Paris V René Descartes, Specialist in medical Ultrasound.
- Rudi Creemers Eur. Ing. MSc Electronics-ICT, Network engineer/manager, retired since 2024
- Benjamin Damien PhD in Molecular biology and serial entrepreneur
- Ferdinand Engelbeen Former Chemical Process Automation Engineer, Akzo Nobel Chemicals
- Samuel Furfari Professor of Energy Geopolitics at the Free University of Brussels
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- Raymond Koch Retired Research Director at Lab. Plasma Physics, RMA Brussels and Fellow Lecturer at UMons
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- Dr. Hugo Poppe Emeritus hoogleraar, Weer- en Klimaatkunde, KU-Leuven, 1966-2002
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- Phil Salmon Computer Tomography Scientist, Kontich
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- Jean Van Vliet Retired Specialist in Space Weather
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- Appo Van Der Wiel Senior Development Engineer



1 SIGNATORY FROM BOLIVIA

1 Signatory

- Ambassador José Brechner

retired Congressman and Ambassador for the Bolivian Government, Chair of the Foreign Affairs Committee, currently Syndicated Columnist and Senior Political Analyst



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Nuclear Physicist, PhD in Astrophysics

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PhD in Nuclear Engineering, Career in R&D and Education in topics related to Nuclear and Petroleum Engineering

PhD, lifetime experience in Aquatic Ecology and Fisheries, retired from Dep. Fisheries & Wildlife, Oregon State University

Professor on first oceanography course in Latin America, Pioneer on Brazilian expedition to Antarctic, First scientific diver for Brazil from CMAS

Agronomist, Editor of 'The Great Global Warming Swindle'

Geographer and Professor of Climatology, Full Professor of the Geography Department at the University of Sao Paulo (USP)

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BSc Meteorology - USP, MSc Antarctic Meteorology and Satellites - INPE, PhD in Climatology - Physical Geography - USP

Executive Editor of Agro DBO Magazine and Co-Author of the Book 'CO2, Warming and Climate Change: Are you kidding us?'

BSc. Doctor of Sciences – USP, MSc. Meteorology – SJSU, expert in environmental engineering

professor and researcher at the Department of Oceanography and Ecology at the Federal University of Espírito Santo

PhD, Retired from National Institute for Space Research (INPE) and Federal University of Alagoas (UFAL). Presently, Climate consultant for agribusiness

Environmental Engineer, Master in Climatology, Author of research articles about climate cycles and natural causes of climate change

PhD Animal Science, Full professor at the Federal University of Mato Grosso do Sul

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Geographer, Master in Climatology, Environmental Consultant

BSc Biology and Ecology, MSc Applied Ecology, Biologist, works with environmental education, licensing, restoration, sustainability management and staff supervision

Geologist, Author of 'How a Natural Phenomenon Was Converted into a False Global Emergency

Graduated in Veterinary Medicine and Computer Sciences

Professor of the Geography Department of the State University of Santa Catarina (UDESC)

Biologist, Specialist in Environmental Management



2 SIGNATORIES FROM BULGARIA

2 Signatories

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MSc of Applied Science (Electronics engineering, Chemistry, Physics), Independent Researcher

- Fabrice Toussaint

lifetime of experience in the geo-energy industry, expert in complex numerical modelling



151 SIGNATORIES FROM CANADA

2 WCD Ambassadors

- Reynald Du Berger
- Patrick Moore

Retired Professor of Geophysics, Université du Québec à Chicoutimi, French Canada
Ecologist, Chair CO2 Coalition, Co-Founder Green Peace

149 Signatories

- Steven Ambler
- John Andersen
- Peter Andreadis
- Dr. Grant Armstrong
- Russ Babcock
- Tim Ball†
- Ron Barmby
- Timothy J. Barrett
- Robert Douglas Bebb
- Callum Beck
- Rick Beingessner
- Jean Du Berger
- Mario Blais
- Alain Bonnier
- Andrew Bonvicini
- Dr. Don Bowen
- Jacques Brassard
- Kevin Burke
- Chris Carr
- Michel Chapdelaine
- Michel Chossudovsky
- Ian Clark
- Henry Clark
- Edmond (ted) Clarke
- Paulo N. Correa
- Hortense Côté
- Susan Crockford
- Norman Curry
- Charles Danten

Emeritus Professor, Université du Québec à Montréal, Département des sciences économiques
BSc, Honours Geology, University of Alberta
Satellite Systems Engineer
Leadership development and coaching
retired biochemist, lifetime experience in the mining and smelting industry with emphasis on pollution abatement
Emeritus Professor Geography, University of Winnipeg and Advisor of the International Science Coalition
M.Eng in Engineering with major in Geoscience, Author of 'Sunlight in Climate Change: A Heretic's Guide to Global Climate Hysteria'
PhD, Geochemical Researcher, Ore Systems Consulting
Professional Engineer (Mechanical), MBA
PhD in Religious Studies, Sessional Professor in Religious and University Studies
BSc, BA and LLB University of Alberta, lifetime experience in the Geo-Energy Industry, recently involved in researching Climate Change Matters
Ingénieur Retraité, Bell
Science and Mathematics Teacher
PhD, Physique, INRS-Centre de Recherche en Énergie, Montréal
Professional Geophysicist, Former President of Friends of Science Society
PhD population ecology, Emeritus Research Scientist, Bedford Institute of Oceanography
Minister of Recreation (1984), Minister of Environment (1994), Minister of Transport and Intergovernmental Affairs of Canada (1996), Minister of Natural Resources and House Leader
MSc in Marine Biology, author/co-author of 2 technical report with the Department of Fisheries and Oceans and 2 scientific article published in the Journal of Shellfish Research
BSc (Hons) Engineering Geology and Geotechnics, retired Geoscientist
MSc, Géologie, Montréal
PhD of Economics, Professor of Economics, Emeritus, University of Ottawa
Professor of Earth and Environmental Sciences, University of Ottawa
Thermal/Power Engineer
MSc, Engineering, Member of Friends on Science Society
Biophysicist and Oncologist, Inventor, Author of numerous books and research papers, Director of Research at Aurora Biophysics Research Institute
Ingénieur Géologue, Goldminds
Zoologist and Polar Bear Expert, Former Adjunct Professor University of Victoria
Technical College, Design Engineering-Mechanical Engineering, President of National Zephyr Research
former veterinarian, scientific translator, author, and free-lance journalist.

Canada continued

- John Bruce Davies BSc Pysics and Mathematics, MSc Geoscience, PhD Geophysics and Astrophysics, awards for research on cosmology and fundamental physics.
- Ronald Davison Professional Chemical Engineer, President of Friends of Science Society
- Dr. E. David Day BSc, PhD, Chemistry
- A.E. Dixon PhD, Emeritus Professor of Physics, University of Waterloo
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- Michel Dumais Ingénieur Civil Retraité, Université d'Ottawa
- Dr. George Duncan PhD, Retired environmental consultant from A & A Environmental Consultants Inc.
- Claude Duplessis BcSc, Géologie, Ingénieur Géologue, Goldminds
- Lee Eddy President of Blue Rock
- Craig A. Elliott MSc Mechanical Engineering, Design Consultant, President at CA Elliott Inc
- Ashton Embry Research Geologist, Embry Holdings
- Christopher Essex Emeritus Professor of Mathematics and Emeritus Professor of Physics, University of Western Ontario
- William Everitt Certified Engineering Technician (C.E.T.); British MCA 200 Ton Captain's License.
- David Fermor Anaesthesiologist, B.A., M.D., FRCPC
- Chris Fleming PhD, Senior Metallurgical Consultant
- Len Flint Ph.D, P.Eng. (Life Member). A 54 year career in oil and gas and renewable energies. Advisor on GHG footprints for several companies in Canada. Follower of the broad science.
- André Forgues Meteorologist/Aerologist
- Jeffrey Foss† Professor of Philosophy of Science, University of Victoria; Former WCD Ambassador
- Joseph Fournier PhD, Expert in Physical Chemistry
- Anita Frayne farmer and firm adherent of science realism-based decision making.
- Paul M Gagnon Professional Engineer
- George Gale PhD Geology, Mineral Deposit Geoscience
- Thomas Gallagher Earth Scientists, life-long career in the study of paleoclimate, geology and earth ocean systems, see <https://www.youtube.com/watch?v=pj-lu1i317E>
- MSc , RPBio Martin Gebauer Active environmental consultant. President of Gebauer & Associates Environmental Consultants Ltd., President of Nunavut Environmental Consulting Ltd.
- J. Claude Gobeil BSc, Geology
- Douglas Goodman Engineer, life of time experience in the geo-energy industry
- Kenneth B. Gregory Retired Engineer, Director Friends of Science Society
- Dr. Jean-Francois Guay Regional planner and research professor - Environmental decision system modelling
- Dr. Paul Hamblin Retired Research Scientist Environment Canada, Advisor to the Georgian Bay Association
- John Hastie MSc Soil Physics, Reclamation and Soil Scientist
- Mark T. Hohm P.ENG., Director Friends of Science Society
- R.G. Holtby profesional agrologist
- Patrick Hunt former member of the Royal Canadian Navy, former member of the Legislative Assembly of Nova Scotia, retired entrepreneur in the high-tech field (35 Years)
- Rick Ironside Director Fortress ESG, provides specialized expertise to help clients map out their journey to attempt to achieve the goal of net zero by 2050
- Eric Jelinski M. Eng. P. Eng., Alumni and Contract Lecturer, University of Toronto, Department of Chemical Engineering and Applied Chemistry, CHE568 Lecturer, Nuclear Plant Engineering
- Paul A. Johnston Associate Professor, Paleontology, Paleoecology, Department of Earth and Environmental Sciences, Mount Royal University, Calgary, Alberta
- Richard T. Jones experimental physicist, researched in the field of fission energy
- E. Craig Jowett Geologist and Environmental Researcher PhD University of Toronto

Canada continued

- Andre Julien MSc Mechanical Engineering, Thermodynamics Expert, over 40 patents published
- Klaus L.E. Kaiser Retired Research Scientist, National Water Research Institute, Author of Numerous Press Articles
- Bogdan Kasprzak Professional Geoscientist, life time experience in data modelling, data analysing and data interpretation
- Madhav Khandekar Expert Reviewer IPCC 2007 AR4 Report
- David Koop BSc, Analytical Chemist
- Kees Van Kooten Professor of Economics and Canada Research Chair in Environmental Studies and Climate, University of Victoria
- Emil Koteles PhD in Solid State Physics, Max Planck Institute in Stuttgart, National Research Council of Canada, visiting professor at Zhejiang University in Hangzhou, retired
- Jean Laberge Professeur Retraité de Philosophie, CEGEP du Vieux Montréal
- Sherri Lange CEO North American Platform Against Wind Power, Great Lakes Wind Truth
- M.J. Lavigne MSc, Professional Geologist
- Douglas Leahey PhD, Meteorology, Former President of Friends of Science
- Professor Denis Leahy PhD in Astrophysics, Full Professor in the Department of Physics and Astronomy, University of Calgary
- Dr. Catherine Lebrun PhD, Management, HEC Montreal
- Robert Ledoux PhD, Professeur Retraité en Géologie, Université Laval
- Dick Leppky Retired businessman and Independent Truth Seeker
- Richard Lewanski BSc (Hons) in Geophysics from the university of Manitoba, Exploration Geophysicist, Founder and CEO of several exploration and production companies in the oil industry
- H. Douglas Lightfoot Research Engineer in the Chemical Industry, Co-Founder of the Lightfoot Institute, papers on Alternative Energy and Atmospheric CO2
- Gerald Machnee Retired Meteorologist, Environment Canada
- Allan M.R. Macrae Retired Engineer
- Paul Macrae Independent Climate Researcher
- Joanne Marcotte Bachelor's Degree in Computer Engineering and Author of "Inconvenient Doubts - Climate Change Apocalypse: Really?"
- Michael Martinz Radio Podcast Host, Climate Realist, Activist, former Industrial Consulting Forester
- J. David Mason Applied Geologist, BSc, Applied Geology, MEng., Mining
- Stuart McDonald Retired Canadian Insurance Broker
- Dwight McIntosh degree in physics and geology at the University of Alberta, lifetime of experience in the geo-energy industry, advisor on how to cope with financial penalties for GHG emissions
- Norman Miller Former P.Eng, now Retired
- Ron Mills Geologist/geochemist Emeritus NS Geological Survey
- Randall S. Morley veterinary epidemiologist, retired
- Dr. Thomas F. Moslow PhD, P. Geol., President Moslow Geoscience Consulting Ltd., Adjunct Professor Department of Geoscience, University of Calgary
- Roland Moutal Teacher Physics and Chemistry at Vancouver Community College
- Prof. Frank Mucciardi retired Professor in the Department of Mining and Materials Engineering at McGill University Montreal, research focus on energy, heat transfer, fluid mechanics and modeling
- Eiichiro Ochiai Emeritus Professor, Juniata College (USA)
- Christian Olivier former Postdoc @ UC Berkeley
- Robert Orr Historical Linguist
- Scott Patterson Professional Geologist
- Andy Pattullo Associate Professor of Medicine at the University of Calgary
- Steven Pearce PhD, Lecturer
- Prof. David A. Penny PhD, Former Associate Professor, Dept. of Computer Science, University of Toronto, currently CTO at BlueCat Networks
- Gregory Phillips Retired Agrifood Industry Professional, with research background in biology, economics and policy formulation.

Canada continued

- Jozinus Ploeg retired Vice-President, Engineering and Technology, National Research Council, Canada. Field of expertise: Energy transfer from atmosphere to surface of ocean, wave mechanics
- Joe Postma Research Analyst, Physics & Astronomy, University of Calgary
- Brian R. Pratt Professor of Geological Sciences, University of Saskatchewan
- Michael Priaro BSc Chem. Eng, P.Eng, Member of Association of Professional Engineers and Geoscientists of Alberta
- Gerald Ratzer Professor Emeritus, Computer Science McGill University, Montreal
- John Angus Raw aerospace engineer, specialised in aerodynamics, life time career in the international aerospace industry
- Dr. Michael Raw PhD in Mechanical Engineering, specialization in computer modelling of fluid flow and heat transfer; current field of work in technology management
- Robert Reid BSF degree, Registered Professional Forester; lifetime experience in the forestry industry
- Norman Reilly Professor Emeritus of Mathematics, Simon Fraser University, British Columbia
- Gérald Riverin PhD, Géologie, Geologue Retraité
- John Robson Historian, Journalist, Documentary Filmmaker
- Peter Salonijs Retired Research Scientist, Natural Resources
- Marcelo C. Santos Professor of Geodesy, University of New Brunswick
- Paul R. Schmidt BSc, Professional Engineer Ontario, Research Scientist, Author/ Lecturer 'Review & Analysis of Climate Change', Member Friends of Science
- Ian De W. Semple Retired Exploration Geologist and Mining Investment Analyst of McGill University
- Afshin Shahzamani Retired professional (Medical Science Liaison) pharmaceutical industry
- Élie Shama Ingénieur Retraité en Électromécanique, Président d'Éconoden, Montréal
- Wayne Shephard MSc Geology, Retired oil and gas explorer
- H.F. (gus) Shurvell Emeritus Professor of Chemistry, Queen's University
- Brian Slack Distinguished Professor Emeritus, Concordia University Montreal, Department of Geography, Planning and Environment
- Aize Smit MSc Climatology on Global Warming, retired high school science and A.P. environmental science teacher
- Nigel Southway Business and Manufacturing Engineering Consultant, Educator, and Author
- Rodolfo (rudy) Spatzner graduated from Environmental/Civil Engineering Technology, Humber College, Ontario, lifetime experience in wireless networks across North America
- Robert Sproule PhD, Professor of Economics, Bishop's University, Quebec, Canada
- Michelle Stirling Writer/Researcher with focus on 'consensus' social proofs, Top 10% downloaded author on SSRN, Communications Manager, Friends of Science Society
- Mary Taitt PhD Zoology, MSc Ecology, retired
- Mario Thomas B.Sc., Ph.D. Chemistry, CEO and Chairman of Precision Biomonitoring Inc.
- Graydon Tranquilla BSCEE, Electrical Power, Senior Electrical Engineer (retired), now an energy advisory consultant
- V Ismet Ugursal Professor of Mechanical Engineering, Dalhousie University
- Marc Vallée PhD, Géophysicien
- Petr Vaníček Dr. Sc, Professor Emeritus of Geodesy, University of New Brunswick
- Duncan Veasey psychiatrist with a particular interest in mass hysteria, authoritarianism and social compliance
- Prof. Dr. Ir. Frank C.J.M. Van Veggel Full Professor at the University of Victoria, M.Eng and PhD in Chemical Technology, University of Twente, The Netherlands, Since 2015 Fellow of the Royal Society of Canada
- Jean-Joel Vonarburg PhD, Professeur Ingénieur, Université du Québec à Chicoutimi
- Dr. Ronald Voss PhD Chemistry, lifetime career in the environment department of a research consortium

Canada continued

- Robert Wager
- Dr. Helen Warn
- Dr. Thorpe W. Watson
- Larry Weiers
- William Van Wijngaarden
- Kenneth W. Wilson
- Daryl Youck
- Al Zeeper

BSc and MSc, Microbiological Sciences and Immunology, Biochemistry and Molecular Biology, Retired
PhD in Fluid Dynamics from McGill University
material science, lifetime career in the mining industry with focus on intellectual property protection
energy engineer, retired, author of "Sustainability of the Modern Human Economy"
Professor of Physics, York University
Professional Engineer (retired)
MSc, PEng, Oil Sands Pioneer
Physicist, Mathematically discovered the Unification of Gravity with Electricity and Magnetism



4 SIGNATORIES FROM CHILE

1 WCD Ambassador

- Douglas Pollock

Civil Industrial Engineer, University of Chile

3 Signatories

- Juan Luis Edwards Velasco
- Rafael Muñoz Canessa
- Carlos Varea

Civil engineer in hydraulics, Universidad Católica de Chile, Master in hydraulic engineering, Universidad de Santander, Spain
Part time Academic University of Talca, Economics and strategic management
Energy Engineer



4 SIGNATORIES FROM CHINA

4 Signatories

- Dr. Robert Hanson
- Guang Bao Liu
- Wyss Yim
- NG Young

PhD, BA (Hons), MA, LL.M, PGCE, CPE, Barrister
BSc and MSc in Atmospheric Physics, Author of "The Principle of Periodic Changes in Earth's Climate"
Retired Professor, Dpt of Earth Sciences, University of Hong Kong, Dept Chairman Climate Change Science Implementation Team
UNESCO year for Planet Earth, Expert Reviewer IPCC AR2
Principal Geoscientist, Danxiashan Global Geopark of China



2 SIGNATORIES FROM COLOMBIA

2 Signatories

- William Antonio Lozano Rivas
- Felipe Villegas

full Professor of Water Management, Water Engineering, Climate and Meteorology, Simulation and Modeling; Piloto de Colombia University
MSc Civil engineer. MBA, Consultant for Energy, Policy and Regulation



1 SIGNATORY FROM COSTA RICA

1 Signatory

- Eugenio G. Araya

Theoretical Physicist, Researcher, former scientist at University of Costa Rica



2 SIGNATORIES FROM CROATIA

1 WCD Ambassador

- Dušan Bižić

MSc, Meteorologist, Head of Radar Centre of the Croatia Meteorological and Hydrological Service

1 Signatory

- Zorislav Gerber

MSc, Head of Hail Prevention Support Department, Croatian Meteorological and Hydrological Service



1 SIGNATORY FROM CYPRUS

1 Signatory

- Darko Krstic

editor of <https://philosophyofgoodnews.com/>



22 SIGNATORIES FROM CZECH REPUBLIC

21 Signatories

- Ladislav Bocak
- Pavel Dudr
- Jiri Duspiva
- Marek Eiderna
- Ass.Prof., RNDr. Tomáš Elbert
- Dr. Otakar Frank
- Tomas Furst
- Ketil Haarstad
- Václav Hubinger
- Pavel Kalenda
- Václav Klaus
- Peter Kopa
- Tomáš Kvítek
- Lubos Motl
- Václav Procházka
- Milan Salek
- Ivan Spicka
- Dalibor Štys
- Gary M. Vasey
- LL.M. Šefrna Vladimír
- Ing. Miroslav Žáček
- Josef Zboril

PhD, Professor of Entomology, Czech Advanced Technology and Research Institute

Ing, Independent publicist and climatologist / Pravy prostor, EP Shark/

expert in safety of nuclear installation

Agricultural Engineer and graduated in General Biology

Emeritus Scientist, Institute of Organic Chemistry and Biochemistry of Czech Academy of Sciences

Head of Department, J. Heyrovsky Institute of Physical Chemistry

PhD, teacher of mathematics at Palacky University in Olomouc and a proponent of correct, i.e. Bayesian inference

statistics and geology. Retired from Norwegian Institute for Bioresearch NIBIO since 2022.

Retired Ambassador, Anthropologist.

CSc., Coal Expert, private expert firm

Former President of the Czech Republic, Professor of Economics, Founder of the Václav Klaus Institute

Lawyer, Writer, Publisher, Founder of thinktanklatam.org

Professor, Faculty of Agriculture and Technology, Department of Applied Ecology, University of South Bohemia in České Budejovice

PhD, former Harvard faculty, high energy theoretical physicist, co-author of the 2009 NIPCC report

PhD, geochemist, also dealing with paleoclimate and the solar energy in Earth crust

PhD, Freelance Meteorologist and Consultant

Professor of Internal Medicine at Charles University with speciality in Hemato-Oncology, Prague

professor of Applied physics, Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budějovice

PhD, Geology, Managing Partner and Analyst in Commodity Technology Advisory llc

Economist and International Lawyer

PhD., aplied geochemistry, been working on the climate for more than 10 years as a geochemist

MSc Chemical Engineering, Retired



15 SIGNATORIES FROM DENMARK

1 WCD Ambassador

- Jens Morten Hansen

PhD, Geology, Professor at Copenhagen University, Former Director General for the Danish National Research Agency and National Research Councils

14 Signatories

- Bjarne Andresen
- Claus Beyer
- Steffen Frederiksen
- Dr. Hans Götzsche
- Frank Hansen

Professor of Physics, Niels Bohr Institute, University of Copenhagen
Geologist, gen.manager for CB-Magneto, possessing palaeomagnetic laboratory

MSc Economics, Climate Economics, Cost benefit analysis of CO2

Emeritus Associate Professor, Linguistics and Philosophy of Science, President Nordic Association of Linguists (NAL), Director, Center for Linguistics, Aalborg University

Emeritus Professor, Department of Mathematics, University of Copenhagen

Denmark continued

- Niels Harrit
- Sören Kjærsgaard
- Johannes Krüger
- Knud Larsen
- Peter Loch
- Peter Kjær Poulsen
- Steen Rasmussen
- Niels Schrøder
- Pavel Svennerberg



1 SIGNATORY FROM ECUADOR

1 Signatory

- Fernando Villon

PhD, Emeritus Associate Professor of Chemistry, Dept. Chemistry, University of Copenhagen

Professional Chemical Engineer

Emeritus Professor, Dr. Scient, Department of Geosciences and Natural Resource Management, University of Copenhagen

PhD, Natural Sciences

Senior Lecturer, Business Academy Aarhus (statistics)

Metering Engineer

Bsc in Electrical Engineering from Denmark Technical University, lifetime career at IBM Denmark Aps

Geophysist/Geologist, Associate Professor Institute of Nature and Environment, Roskilde University

Master of engineering, Technology of oil and gas processing



3 SIGNATORY FROM ESTONIA

2 Signatory

- Jaak Henno
- Tõnu Kalvet
- Andres Saukas

PhD, Mathematician, Information Technology

A freelance journalist and translator. Editor of numerous podcasts on energy, all of them representing a sceptical view towards the so-called Green Deal.

Diploma Electrical Engineer, Estonian Society of Moritz Hermann Jacobi



7 SIGNATORIES FROM FINLAND

7 Signatories

- Merit Enckell
- Christer Kald
- Simo Mykkanen
- Ari Okkonen
- Dr. Antero Ollila
- Simo Ruoho
- Boris Winterhalter

PhD, MSc, former KTH, Royal Institute of Technology, freelance researcher, specialist in Structural Health Monitoring, sustainable development

Engineer with academic studies in Physics, Chemistry and Mathematics

Ba Econ, small business owner, retired

MSc EE, Finland, Climate data analysis enthusiast

Emeritus Adj. Ass. Professor Aalto University, expert in atmospheric modeling

President Ilmastofoorumi ry Finland, Signature of association <https://ilmastofoorumi.fi> including its scientists and professional members

Retired Marine Geology, Geological Survey of Finland



114 SIGNATORIES FROM FRANCE

1 WCD Ambassador

- Benoît Rittaud

Assistant professor of Mathematics at University of Paris-Nord, President of the French Association des climato-réalistes

113 Signatories

- Jean-Charles Abbé
- Pascal Acot
- Bertrand Alliot
- Yacine Amara
- Frédéric Antoine
- Charles Aubourg

Former Research Director at CNRS, Labs Director (Strasbourg, Nantes) in Radiochemistry, Expert at NATO and IAEA

Centre National de la Recherche Scientifique, Paris

Environmentalist

PhD of Applied Physics, Professor of Electrical Engineering graduated from Sciences Politiques in France

Full Professor at the University of Pau, Geophysicist

France continued

- Hervé Azoulay Engineer (CNAM), Specialist of Networks and Systemics, CEO and President of several Associations
- Guy Barbey Alumnus of Harvard Business School, Retired Investment Banker, Founder and President of 'Climate et Vérité'
- Jean-Pierre Bardinet Ingénieur ENSEM, Publicist on Climate Issues
- Yorik Baunay Geographer (Master 2) specialized in the natural risk and crisis management, CEO of Ubyrisk Consultants (firm specialized on natural hazard mitigation)
- Bernard Beauzamy University Professor (Ret.), Chairman and CEO, Société de Calcul Mathématique SA (Paris)
- Serge Bellotto PhD, Geology
- Guy Bensimon Retired Associate Professor of Economics at Institute of Political Studies of Grenoble (SciencesPo Grenoble)
- Jean-Claude Bernier Emeritus Professor (University of Strasbourg), Former Director of the Institute of Chemistry of the CNRS
- Pierre Beslu† Former Researcher and Head of Department in the French Nuclear Energy Commission (CEA)
- Michel Bouillet PhD, Human Geography, Emeritus Professor, Former Associate Researcher at the MMSH (Aix-en-Provence)
- Christian Buson PhD, Agronomy, Director of Research in a Company (impact studies in Environmental Issues, Sewage Treatment)
- Jean-Louis Butré Head of Laboratory at Grenoble Nuclear Research Center, President of the Fédération Environnement Durable and the European Platform Against Windfarms
- Emmanuel Camhi Msc in Physics, life time experience in Complex Systems Modeling and Data Analysis in the Aerospace industry
- Bernard Capai Retired Chemistry Engineer, Specialist of Industrial Processes avoiding the use of Carcinogenic Solvents
- John Carr PhD in Physics, Directeur de Recherche CNRS (retired), Particle Physics and Astroparticle Physics
- Patrick de Casanove Doctor of Medicine, Chairman of the Cercle Frédéric Bastiat
- Philippe Catier Medical Doctor
- Vincent Chaplot PhD Soil Science, Senior Research Scientist
- Bruno Chaumontet Engineer ENSEA, specialized in Feedback Systems
- Pascal Chondroyannis Forest Engineer, Retired Director of the National Alpine Botanical Conservatory (2008-2013)
- Jean Michel Colin PhD, Retired Chemist Engineer, Expert for the French Academic Evaluation Agency (AERES)
- Philippe Colomban CNRS Research Emeritus Professor, Former Head of Laboratory at Université Pierre-et-Marie Curie, Expert in Hydrogen-based Energy Storage
- Jacques Colombani Former Research Director ORSTOM-IRD, numerous Studies in Hydrology and Climatology and Specialist in Fluid Mechanics, Member of the Board of ORSTOM for twenty years
- Christian Coppe PhD, Organic & Analytical Chemistry
- Philippe Costa Energy Engineer at ENSEM Nancy, specialist in Industrial Process and Energy Saving
- Vincent Courtillot Geophysicist, Member of the French Academy of Sciences, Former Director of the Institut de Physique du Globe de Paris
- Pierre Darriulat Professor of Physics, Member of the French Academy of Sciences
- Jean Davy Engineer (ENSA), Digital Modeling Software Developer
- Dr. Stephen John Dearden Retired Research Chemist, lifetime R&D experience in the general chemical, pharmaceutical and photographic industries
- Pierre Delarboulas CEO of a Robotics Company, Former R&D Director at Partnering Robotics, Silver Medal at the 2016 Lépine contest of the Ministry of Foreign Affairs and International Development
- Jean-Pierre Desmoulins Retired Professor of Thermal and Energy Engineering at the "Institut Universitaire de Technologie, Université-Grenobles-Alpes"
- Gérard Douhet PhD, Nuclear Physics, Retired Engineer at CERN, Technical Manager on Digital Transmission and Video Encoding

France continued

- Hubert Dulieu Emeritus Professor Applied Ecology, Formerly Senior Researcher in the CNRS, President of the National Scientific Research Committee, Vegetal Biology Section (XXVII)
- Dr. Denis Dupuy Urologist, climate realist
- Bruno Durieux Economist, Former Minister of Health and of Foreign Trade, Ancient Administrator of the French National Institute of Statistics and Economic Studies (INSEE)
- Ralph Ellis Bsc in Aviation, ATPL
- Max Falque International Consultant in Environmental Policy
- Serge Ferry PhD, Retired Teacher-Researcher (MCF), University of Lyon
- Patrick Fischer Associate Professor in Applied Mathematics, University of Bordeaux
- Michel Frenkiel Engineer (Arts et Métiers), Former Researcher with NCAR at Boulder
- Francis le Gaillard PhD, Natural Sciences and Pharmaceutical Sciences, Emeritus Professor of Biochemistry at the Faculty of Pharmaceutical Sciences of Toulouse
- François Gauchenot Governance Specialist, Founder of Saint George Institute
- Denis Geraads PhD, Emeritus Directeur de Recherches, CNRS, Paris. Paleontologist and paleoecologist, specialized in Miocene to Pleistocene mammals.
- Jean Gergelé Engineer Graduate from the Ecole Centrale de Lyon, R&D Director, Freelance Consultant, mainly in the Li-ion battery development
- Christian Gérondeau Former Advisor of several French Prime Ministers, Formerly responsible for the Road Traffic Safety Policy for France and the European Union
- François Gervais Emeritus Professor of Physics and Material Sciences, University of Tours
- Philippe Giraudin Ecole Polytechnique Paris, Geographic Sciences
- Bernard Grandchamp Agronomic Engineer and Environment & Plant Defense Expert, Managing Director of Famoux Châteaux Viticoles in Bordeaux
- Gilles Granereau Former Meteorologist, currently Project Manager Environment and Tourism, Worked on Coastal Risks, Marine Erosion, Sand Dune Fixation, Hydraulics, Forest Management, Botany
- René Guénon PhD, Soil Scientist, Institut Agro, Ecological Processes
- Maximilian Hasler Associate Professor in Mathematics, University of French West Indies
- Charles Hazan Retired Chemist (ENSCP) and Chemical Engineer (UMIST) Former Technical Director Nosolor
- Manfred Horst MD, PhD, MBA, lifetime career in healthcare and pharmaceuticals
- Ed Hoskins MSc, Founder of Applied Research of Cambridge
- Julien Iapichella PhD in Chemistry
- Yvon Jarny Emeritus Professor in Thermal and Energy Sciences, Nantes University
- Claude Jobin Retired A&M Engineer specialized in Microwave Communication
- Alan Kennedy Emeritus Professor of Psychology, University of Dundee, Fellow of Royal Society of Edinburgh
- Vladimir Klein lifetime career in renewable energy projects, patent holder in aerobic composting of organic waste
- Alexandre Krivitzky Psychoanalyst, Member of the International Psychoanalytical Association
- Roger Lainé Retired Geological Engineer
- Philippe de Larminat Professor at École Centrale de Nantes, specialist of Business Process Modeling
- Jacques Laurentie Aeronautical Engineer, and CEO of a software publishing company
- René Laversanne Researcher at the CNRS, 16 patents
- Christian Liegeois PhD Physics, patent holder in photonics
- Jean-Marie Longin Engineer (Saint-Cyr), Chief of the Pole Operations of Security Inventory Management
- Guy Lucazeau Emeritus Professor (Institut Polytechnique de Grenoble) in Material Sciences and Spectroscopy
- Philippe Malburet Emeritus Associated Professor of Mathematics, Founder of the Planetarium of Aix-en-Provence, Member of the Academy of Aix-en-Provence
- Christian Marchal Astronomer and Mathematician, Former Research Director at the French National Office for Aerospace Studies and Research

France continued

- Dr. Yves G. Maria-Sube PhD in Geosciences Montpellier University, lifetime career in the geo-energy industry
- Paolo Martinengo Applied Physicist, Senior Staff Member in the Experimental Physics Department, Detector Technologies Group, CERN
- Patrick Mellett Architect and CEO
- Marc le Menn PhD, Head of Metrology-Chemistry Oceanography Lab, Brest
- Henri Mertz Ingénieur Civil de l'école de la Métallurgie et des Mines de Nancy, Chef d'Entreprises
- Serge Monier former manager of various multinational companies, at present Co-founder and Treasurer of 'Climat et Vérité'
- Jean-Laurent Monnier Emeritus Research Director, CNRS-Université de Rennes, Research Worker at the CNRS from 1973 to 2013, speciality in Pleistocene Geology in Western Europe
- Jacques-Marie Moranne Retired Engineer (Ecole Centrale de Lille), Specialist in Air and Water Purification, Chemical and Nuclear Engineering
- Serge Morin Emeritus Professor Geography at Université Michel de Montaigne, Bordeaux, Honorary Mayor of Branne
- Cédric Moro Geographer on Natural Hazards Management, Co-Founder of Visov, a NGO in Civil Defense
- Philippe Morvan Engineer ENSTA and Génie Maritime, specialist in Software Development
- Dr. Arnaud Muller-Feuga former researcher in biological oceanography, agronomy engineer, founder of Microphyt SA. Now retired.
- Charles Naville R&D Exploration Geophysicist, IFP Energies Nouvelles
- Massimo Nespolo PhD, Distinguished Professor of Mineralogy and Crystallography, Université de Lorraine, France
- Michel le Normand Emeritus Professor of Botany and Plant Pathology and Chairman of Plant Production Department, National Superior School of Agronomy, Rennes
- Ludovic Penin† former Senior Executive, Chief Information Officer, former Entrepreneur/Investor, Co-founder and Vice-president of 'Climat et Vérité', member of "Association des Climato-réalistes"
- Dr. Patrice Poyet Graduated at Ecole des Mines de Paris as a geochemist and defended a D.Sc. (1986) at Nice University / INRIA, author of 'The Rational Climate e-Book'
- Rémy Prud'homme Emeritus Professor in Economics at University of Paris-Est, Former Deputy-Director, Environment Directorate, OECD
- Jean Marie Ravier Engineer of ECOLE CENTRALE DE PARIS, and diplomed SCIENCES POLITIQUES PARIS, recently retired MD of small industrial company
- Pierre Richard Engineer ESPCI Paris, Former Research Geochemist at Institut de Physique du Globe de Paris (IPGP)
- Pierre Ripoché Engineer INSA in Chemistry, Retired Project Manager in R&D, Expert in High Temperature Plasma for Optical Fiber Process
- Isabell Rivals† Associate Professor in Statistics at ESPCI Paris
- Bertrand Rouffiange Doctor of Medicine, specialized in Radiology
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- Werner de Ville Vreden
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- Brigitte van Vliet-Lanoë
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- Théa Vogt
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- Henry Voron
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124 SIGNATORIES FROM GERMANY

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123 Signatories

- Detlef Ahlborn
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- Prof. Dr. Peter Altmiks
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- Patrick A. Baeuerle
Serial entrepreneur, co-founder of eight biopharmaceutical companies, cancer drug developer, inventor, molecular biologist, and a member of the CO2 Coalition
- Hans-Jörgen Bandelt
Emeritus Professor of Mathematics, University of Hamburg
- Dietrich Bannert
Professor Honoris Causa, University of Marburg
- Graham George Baumber
former agronomist & irrigation crop specialist, business man & investor
- Dr. Lars Birlenbach
Dr. in Chemistry, University of Siegen
- Michael Bockisch
Emeritus Professor Chemistry at the Technical University of Berlin
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- Dr. Ing. Rolf Diederichs
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- Heinz Hug
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- Hartmut Hüne
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lifetime career in virus research in the natural sciences
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- Dr. rer. nat Gunther Kümel
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- Max Kupillas
Physics (J.W.Goethe University, 1977-1986), Medicine (Physiology-Biomechanics, Max-Planck Institute, 1980-1986), patent holder in different areas
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- Wolfgang Laub
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 graduate economist, climate realist
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 education in physics and thermodynamics, climate realist
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 PhD Physics, industrial career of research, development and production of hightec products and subsequently 22 years CEO of Möller-Wedel, a German medical company
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 Chemical Engineer and Autor of certain books, explaining atmospheric energy exchange and providing arguments against global warming caused by mankind
 PhD in Isotope Chemistry, life time career in palaeoclimate and atmospheric geochemistry
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 Process Engineer (Dr.-Ing.), worked on CO2 capture from atmosphere and during hydrogen generation
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 MSc Climate- and Environmental Change (Geography)



28 SIGNATORIES FROM GREECE

1 WCD Ambassador

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Dr Engineer-Sculptor, Dept. of Water Resources; School of Civil Engineering, National Technical University of Athens

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- Prof. Dr. Stavros Alexandris
- Dr. Andreas Angelakis
- Ioannis Benekos
- Dr. Konstantinos Chartzoulakis
- Michalis Chiotinis
- Prof. Dimitrios Christakis
- Antonis Christofides
- Dionysis Drosos
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- Anthony Foscolos†
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Former Professor of Agricultural Meteorology at the Agricultural University of Athens, Dept. of Natural Resources & Agricultural Engineering
 PhD in Soil Physics, Researcher in Water Science and Technology
 PhD in Civil and Environmental Engineering, Senior Researcher, Head of the Laboratory on Risk Management and Resilience at the Centre for Research and Technology Hellas
 Ex Director of Olive Tree & Subtropical Plants, Head of Irrigation Dept.
 Architect Engineer NTUA, PhD Candidate, Department of Water Resources and Environmental Engineering, National Technical University of Athens
 Emeritus Professor, Power Systems Synthesis Lab. Hellenic Mediterranean University
 PhD, Senior developer with decades-long research activity on the Climate
 Emeritus Professor of Moral and Political Philosophy, Aristotle University of Thessaloniki
 PhD (MIT 1984), Dipl. Mech.-Elec. Eng. (National Technical University of Athens 1978). Manager of Technometrics Ltd, long standing critic of the scientific validity of so-called anthropogenic climate change, deeply influenced by Aristotelian philosophy
 Emeritus Professor of Plant Anatomy & Electron Microscopy, Department of Crop Science, Agricultural University of Athens
 Emeritus Professor of Mineral Resources at the Technical University of Crete, Energy Consultant for the United Nations Development Program (UNDP)
 PhD, MSc in Chemistry, Chemist, Lyophilization Scientist
 MSc (with Honors) in Biochemistry, PhD in Biology-Biochemistry, Emeritus Professor of Biochemistry
 Current: Associate Professor, School of Marine Engineers, Aspropyrgos Merchant Marine Academy; Research and Teaching Associate, National Technical University of Athens. Past: Postdoctoral fellow, National Technical University of Athens
 PhD in Chem. Engineering, former Professor of Petr. Engineering at, Khalifa University Abu-Dhabi, Texas A&M at Qatar, Technical University of Crete Greece

Greece continued

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- Michael Sidiropoulos
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2 SIGNATORIES FROM GUATEMALA

2 Signatories

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- Christopher Lingle
PhD Economics Universidad Francisco Marroquín



10 SIGNATORIES FROM HUNGARY

1 WCD Ambassador

- Laszlo Szarka
Geophysicist, O.M.

9 Signatories

- Dr. Dezso Csejtei
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- Dr. József Majer Dr.
Senior Professor of Ecology and Environment Protection at University of Pecs
- Dr. Endre Fuggerth
lifelong experience in gas-chromatography
- Dr. István Gálfi
Concerned citizen
- István Héjjas
PhD, Retired R&D Electrical Engineering
- Tom Kauko
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- József Király
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- Gábor Simon
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Professor Emeritus, College Professor Dennis Gabor College Department of Economics and Engineering



1 SIGNATORY FROM ICELAND

1 Signatory

- Dr. Helgi Tomasson
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5 SIGNATORIES FROM INDIA

5 Signatories

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- Prem raj Pushpakaran
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PhD in BioTechnology, Professor

Economist with focus on Climate and Energy Policy



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2 Signatories

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- Purwono Wahyudi

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Entrepreneur and informed climate realist



20 SIGNATORIES FROM IRELAND

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Founder of the Irish Climate Science Forum, Expert Reviewer of IPCC AR6

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- Gerald Fitzgibbon
- David Horgan
- Seamus Hughes
- Mark Gerard Keenan
- Ultan Murphy
- Donal O'Callaghan
- Owen O'Brien
- Patrick L. O'Brien
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8 Signatories

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Medieval historian, PhD on the muludisciplinary approach to archeological excavation.

Lettore

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Ingegnere

Fisico, Presidente Associazione Scienziati e Tecnologi per la Ricerca Italiana

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Ingegnere idraulico, libero professionista

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Ingegnere, già Dirigente Industriale, ALDAI

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Professore Emerito (Fisica) e già Rettore dell'Università di Firenze; già Presidente della Conferenza dei Rettori delle Università Italiane

Dottore Commercialista

Ex Direttore dell'Istituto di Fisica dello Spazio Interplanetario (IFSI) dell'Istituto Nazionale Astrofisica (INAF)

Insegnante in Pensione

Ingegnere

Professional Engineer with 27 experience in applied thermodynamics in oil and gas

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- Pino Cippitelli
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- Enrico Colombo
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- Enrico Conti
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- Ferruccio Cornicello
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- Domenico Corradini
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- Antonio Mario Federico
Professore di Geotecnica, Politecnico di Bari

Italy continued

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• Mario Floris	Professore di Telerilevamento, Università di Padova
• Gianni Fochi	Chimico, Ricercatore in Pensione della Scuola Normale Superiore, Giornalista Scientifico
• Sergio Fontanot	Ingegnere
• Luigi Fressoia	Architetto Urbanista, Perugia
• Mario Gaeta	Professore di Vulcanologia, Università di Roma La Sapienza
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• Alessio Del Gatto	Liceo Scientifico, Collaboratore Attività Solare.it
• Rinaldo Genevois	Professore di Geologia Applicata, Università di Padova
• Umberto Gentili	Fisico dell'ENEA, Climatologo per il Progetto Antartide, ora in pensione
• Enrico Ghinato	Perito Fisico
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• Daniela Giannessi	Chimico, Primo Ricercatore ora in pensione da CNR
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• Alberto Guidorzi	Agronomo
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• Nicola Iacovone	Physicist
• Thomas Kukovec	Tropical Agronomist and Subtropical Field Biologist, Scientific adviser and consultant in research-projects and learned societies
• Alberto Lagi	Ingegnere, Presidente di Società Ripristino Impianti Complessi Danneggiati
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• Carlo Lombardi	Professore di Impianti Nucleari, Politecnico di Milano
• Walter Luini	Geometra
• Roberto Madrigali	Meteorologo
• Angelo Maggiora	PhD, INFN Senior Researcher, more than 40 years Experience in Research at CERN, Saclay, Dubna and Frascati
• Franco Maloberti	Emeritus Professor, expert on microelectronics and modelling
• Ettore Malpezzi	Ingegnere
• Vania Mancinelli	Geologo, Borsista presso l'Università di Chieti
• Ludovica Manusardi	Fisico Nucleare e Giornalista Scientifico, UGIS
• Luigi Marino	Geologo, Centro Ricerca Previsione, Prevenzione e Controllo Rischi Geologici (CERI), Università di Roma La Sapienza
• Maurizio Marsigli	Graduated in Geological Sciences and science author on the Sun and Space Meteorology
• Francesco Martelli	Professor Emeritus of University of Florence, Former President of European Turbomachinery Society
• Alessandro Martelli	Ingegnere, già Dirigente ENEA
• Paolo Martini	Independent Petroleum Geologist, ex-Eni
• Salvatore Martino	Professore di Geologia Applicata all'Ingegneria al Territorio ed ai Rischi, Università di Roma "Sapienza"
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Impiegato Amministrativo, Fondatore del gruppo Facebook: “Falsi allarmismi sul riscaldamento globale”
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- Kanzan (KZ) Inoue
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- Yoshihiro Muronaka
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- Mototaka Nakamura
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- Dr. Hiroshi L. Tanaka
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1 Signatory

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1 Signatory

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1 Signatory

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1 SIGNATORY FROM MALTA

1 Signatory

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5 Signatories

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Chemical Engineer

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PhD, Space Engineer



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1 Signatory

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Physicist, Former CEO Netherlands National Physics & Technology Research Organisations

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- Nanda Josina Sofia Bakker -Ait Arrami
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MSc Structural Geology (cum laude), specialized in metals exploration and mining, of which 19 years with Billiton and >24 years as director of Akkerman Exploration B.V.

Author of the 'Groene Illusie'

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MSc, MBA

Mechanical Engineer who started his career with IHC. Since 1990 he is active in revitalizing medium sized companies

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Former Lawyer and Attorney Liability and Insurance

Lifetime Experience in the Geo-energy Industry, Founder and former (or retired) CEO of Well Engineering Partners BV

Lifetime R&D Experience in Water Management with emphasis on water management in East Africa

Nuclear Physicist, Former Program Director Technology Foundation STW

retired teacher in physics, mathematics, astronomy and phenomenology

Geologist dredging- and offshore industry and Royal Netherlands Navy Reserve (hydrography)

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- Hessel Van Dijk
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Chemical Engineer, specialised in Environmental Instrumentation
- Barend-Jan Smits
Geologist, Former Director of Wintershall Nederland, BASF Group
- Jack Van Soest
BSc, Geography teacher (retired)
- Dr. Engel Van Spronsen
PhD in Physics, Lifetime career in Shell as researcher, reservoir engineer, and technical manager. After Shell he also worked for Maersk Oil, IMPaC Engineering, and Eneco
- Chris Stenger
PhD in inorganic chemistry and materials engineering. Lifetime research and development career in Billiton and Shell .
- Albert Stienstra†
Emeritus Professor of Computer Simulation and Micro-Electronics, Delft University of Technology.
- Dr Hans Van Suijdam
Former Executive Vice President Research and Development DSM
- Dick Swart
MSC, worldwide drilling expert, lifetime of experience in the geo-energy industry
- Dr. Harrie C. M. De Swart
Emeritus Professor of Logic and Language Analysis, University of Tilburg, Author of the book 'Philosophical and Mathematical Logic'
- Peter Van Toorn
Former Research Geophysicist Shell
- Fred Udo
Emeritus Professor of Nuclear Physics, Vrije Universiteit Brussels
- Ir. Arnold Uijlenhoet
retired Electrical Engineer, TU Delft, Postgraduate at University of Pittsburgh, Lifetime international experience in power generation, transmission, and distribution
- Maarten Vasbinder
MD, specialized in prion theories and practice

Netherlands continued

- J.F. Van De Vate
Former Director ECN, Petten, The Netherlands. Former UN Delegate IPCC
- prof. dr. ir. Jan Verheij
Retired Scientist Applied Physics at TNO Delft, Emeritus Professor of Noise Control Engineering at Eindhoven University of Technology
- Hans Verschuur
MSc, Geosciences, specialized in Mining
- Ing. Henk Verveer
Civil Engineering HTS Rotterdam, lifetime experience in maritime infrastructure and building services
- Jannes. J. Verwer
Former Director ECN and Former Chairman Supervisory Board State Owned Radio Active Waste Storage Facilities
- Koen Vogel
Geologist and Geostatistician, lifetime experience in numerical modelling, proficient in evaluating and developing global energy projects
- Henk Van Der Vorst
Emeritus Professor of Numerical Mathematics, University of Utrecht
- Bart Vos
Msc Petroleum Engineering, Lifetime of Experience in the Geo-energy Industry
- Rob De Vos
Geographer and Editor of “Klimaatgek”
- Jaap Van Der Vuurst De Vries
Emeritus Professor of Petroleum Engineering, Former Dean Faculty of Applied Earth Sciences, Delft University of Technology
- Henk De Vries
lifetime experience in organised crime, expert in digital forensics
- Dr. Jules De Waart
PhD Physical Geography, Exploration Geologist in Africa, Past member of the Dutch Parliament, author of the book on Climate Change and Energy Transition “Don’t believe everything”
- Dr. André Wakker
energy expert, lifetime experience in nuclear energy, speaker and writer on energy transition
- Karel Wakkert†
Emeritus Professor of Astrodynamics & Geodynamics, Delft University of Technology
- Robert N. Walter
MSc E.E., member Advisory Board ‘De Groene Rekenkamer’
- Cyril Wentzel
Multi-Physics Engineer and Chairman of Environmental Think Tank ‘Groene Rekenkamer’
- Frans A. Van Der Werf
Owner int. business and IT consulting and AI-firm & project leader St. Milieu & Mens in higher appeal case Milieudefensie - Shell as independent party
- Bert Weteringe
Author, independent research journalist on energy transition and wind energy.
- Dr. Dolf Van Wijk
Retired, formerly AkzoNobel Environmental Research Laboratory and Former Executive Director Cefic-Euro Chlor, Brussels
- Jaap Wijsman
Mechanical Engineer, active in the offshore industry
- Theo Te Winkel
Geo Scientist and International Health Care Specialist
- Jan Winkel
MSc, Chemical Engineering, specialization in Natural Gas Projects, Lifetime Experience in the Geo-Energy Industry
- Wim Witteman
Professor of Applied Physics and CO2 lasers, University of Twente
- Dr. Hans Wolkers
PhD in Animal Physiology and Environment, Over 20 years of research experience, incl. Arctic ecotoxicology, Science journalist and university lecturer in ‘Writing about Science’
- Theo Wolters
Chairman Environment, Science & Policy Foundation; researcher and speaker on climate and energy
- Govert Zijdeveld
MSc Mining Engineering, Consultant for all Drilling, Mining and Naval Engineering activities
- Dr. E.J. (ed) Zuiderwijk
Retired Astrophysicist and Data Manager
- Diederik Zwager
MSc Petroleum Engineering, CEO Air Drilling Associates



27 SIGNATORIES FROM NEW ZEALAND

1 WCD Ambassador

- Barry Edward Brill
OBE, Previously Minister of Science and Technology

26 Signatories

- Deborah Alexander
Agricultural Scientist
- Jock Allison†
Retired Agricultural Scientist, Ministry of Agriculture
- Mario Barbafiera
MSc Palaeoclimatology, Teacher

New Zealand continued

- Paul A. Catchpole
Qualified Land Surveyor & Fellow of New Zealand Institute of Surveyors, Retired Ex Commissioner of the New Zealand Environment Court
- Roger High Dewhurst
Retired, Geologist/Hydrogeologist
- Geoffrey G. Duffy
Professor Emeritus, University of Auckland
- Terry Dunleavy†
MBE, Co-Founder (2006) and Honorary Secretary New Zealand Climate Science Coalition; Former WCD Ambassador
- Doug Edmeades
Managing Director agKnowledge Ltd.
- Joe Fone
CAD Engineer, Enatel Ltd.
- Professor Michael J Kelly
MA, PhD, SCD, MAE, Emeritus Prince Philip Professor of Technology at the University of Cambridge
- Gary Kerkin
Retired Chemical Engineer, Upper Hutt. Executive Member New Zealand Climate Science Coalition
- Roman Leslie
Research specialist in geochemistry of arc-magmatism, magma-wallrock interactions, mineralogy, melt inclusions, SW Pacific tectonics and geodynamics.
- Brian Leyland
Power systems engineer with experience in all forms of renewable energy
- Gerrit J. van der Lingen
Geologist and Paleoclimatologist, New Zealand, Author of the Book The Fable of Stable Climate
- Nima Maleki
MD specialist in family health, Bachelor in science
- Dr. John Maunder
Climate Scientist, President of the WMO Commission for Climatology 1989-1996
- Dr Richard Reaney
Climate Researcher, Post Graduate Qualification in Antarctic Studies, University of Canterbury New Zealand
- Darag S. Rennie
MBChB, Lifetime explorer of truth
- John Scarry
ME (Civil), Structural Engineer, Member of the New Zealand Climate Science Coalition
- John Sexton
Member of the New Zealand Climate Coalition
- David Shelley
Emeritus Associate Professor Geology and latterly Dean of Postgraduate Studies, University of Canterbury, Christchurch
- David Steward
Electronic Engineer, Supporter of truth seeking in climate change
- Philip Strong
Science Research Leader & Member of the New Zealand Climate Coalition
- Hugh Thorpe
PhD, Retired Civil Engineer-Scientist.
- Richard Treadgold
Executive Member NZ Climate Scienc Coalition, Convenor Climate Conversation Group
- Ian Wright
Professional Geologist



39 SIGNATORIES FROM NORWAY

1 WCD Ambassadors

- Jan Erik Solheim
Professor Emeritus Astrophysics, University of Tromsø – The Arctic University of Norway

38 Signatories

- Gunnar Abrahamsen
Professor Emeritus Soil Science, University of Life Sciences
- Knut Åm
Retired Geoscientist, adjunct Professor of Geophysics at the University of Bergen, Norway, Honorary member of The Norwegian Academy of Technological Sciences
- Eva Marie Brekkestø Axelsen
Retired teacher in languages and social studies.
- Egil Bergsager
MSc of UCLA and University of Oslo, Petroleum Geologist, Director Norwegian Petroleum Directorate, President Rogaland Science Park. Board member of advanced technology companies
- Stein Sorlie Bergsmark
Phycisist, Former Head of Renewable Energy Studies Programmes, University of Agder
- Einar R. Bordewich
multidiscipline Engineering
- Dr. Hans Borge
Associate Professor in Mathematics, University of Stavanger
- Reidar Borgstrøm
Professor Emeritus in Fishbiology and Nature Conservation, University of Life Sciences

Norway continued

- Dr. Erik Bye
Retired Senior Scientist in Physical Chemistry, Crystallography, Chemometrics and Occupational Hygiene
- Ole Henrik Ellestad
Physical Chemist. Former Research Director and Professor in Petrochemistry at the Centre for Industrial Research and University of Oslo
- John Fuglerud
MSc in Chemical Engineering, Norwegian University of Science and Technology, career in chemical, mining and IT industry
- Ivar Giaever†
Nobel Laureate Professor, Nobel Prize Winner in Physics, Emeritus Professor of the Rensselaer Polytechnic Institute, Chief Technology Officer of Applied Biophysics Inc., Fellow of the American Physical Society
- Jon Gulbrandsen
PhD, Biologist, Associate Professor NOFIMA and NOAA (USA)
- Arve Gleissner Gustavsen
Msc in Cybernetics, Lifelong Experience in Design and Engineering
- Røgnvaldur Hannesson
Professor Emeritus, Norwegian School of Economics
- Geir Hasnes
Adjunct Associate Professor, Department of Engineering Cybernetics, Norwegian University of Science and Technology
- Martin Torvald Hovland
Geophysical and Geological Advisor, Former Lecturer at University of Tromsø
- Ole Humlum
Professor Emeritus in Physical Geography, University of Oslo
- Morten Jødal†
Biologist, Former Employee of the Norwegian Research Council and the Centre for the Development and Environment at the University of Oslo
Passed away
- Dr. Ing. Hans Konrad Johnsen
Emeritus Professor, Chemistry, Bergen University
- Olav Martin Kvalheim
Professor Emeritus Biology, Norwegian University of Science and Technology
- Arnfinn Langeland
MS Applied Physics and electronics, PhD Chemical Physics, Prof Applied Physics (Optics) and Biophysics (spectroscopy)
- Mikael Lindgren
Engineer in several large international oil companies with solid experience in building and using numerical simulation models.
retired research scientist
- Oddbjørn Melberg
Professor of Chemistry, University of Bergen
- Ph.D Jiri Muller
Landscape Architect, Researcher for 11 years at the Norwegian Institute for Urban and Regional Research
- Willy Nerdal
Dr. Eng. and Professor of Technology at UiT The Arctic University of Norway
- Johannes Oraug
Emeritus Professor in Geology, University of Oslo, Former Director of Natural History Museum Oslo, Professor at Norwegian University of Science and Technology
- Egil Pedersen
Master of Chemical Engineering, Retired
- Elen Roaldset
Meteorologist with experience in operational forecasting (1997-2007) from the Norwegian Meteorological Institute.
- Ulf Torgny Rock
Geological Researcher, Trondheim
- Gjertrud Røyland
Associate Professor Emeritus of Geochemistry, University of Oslo
- Håkon Gunnar Rueslåtten
PhD, Professor in the Dept of Chemistry, University of Bergen
- Tom V. Segalstad
MSc, MBA
- Einar Sletten
MSc, MBA
- MSc, MBA Knut Søråas
Emeritus University of Oslo
- Can real PhD equivalent Arne S. Stabel
Professor Emeritus Eco-Toxicology, University of Oslo
- Jørgen Stenersen
Retired from process and petroleum industry
- MSc Petter Tuvnes



1 SIGNATORY FROM PARAGUAY

1 Signatory

- Albrecht Glatzle
Retired Director Research of INTTAS (Iniciativa para la Investigación y Transferencia de Tecnología Agraria Sostenible)



2 SIGNATORIES FROM PHILIPPINES

2 Signatories

- Melanchthon Bernil
Professional Chemical Engineer

Philippines continued

- Herman Bognot

MA in Philosophy, Assistant Professor, Department of European Languages, University of the Philippines Diliman



5 SIGNATORIES FROM POLAND

5 Signatories

- Marek Boinski
- Zbigniew Gidzinski
- Jaroslaw Grzesik
- Dominik Kolorz
- Karol Pietrak

Chairman of the National Section of Energy Workers' Union NSZZ
Advisor to the Chairman of the Silesian Region of the Solidarity Union for climate policy, former Secretary of the National Energy Security Team of the Chancellery of the President
Chairman of the National Secretariat of Mine and Energy Workers' Union NSZZ
Chairman of the Slasko-Dabrowski Region of NSZZ
Assistant Professor at Warsaw University of Technology, PhD in Power Engineering



12 SIGNATORIES FROM PORTUGAL

1 WCD Ambassador

- Dr. Peter Stallinga

Professor Associado com Agregação, Universidade do Algarve, Portugal, Faculty of Sciences and Technology, Department of Electronic Engineering and Informatics

11 Signatories

- Demétrio Carlos Alves
- José Araújo
- Rui Cruz
- Pieter Ijzerman
- Prof. Dr. Igor Khmelinskii
- Joao Manuel Silva Martins
- Pamela Matlack-Klein
- José Pinto De Sá
- Helder Marques Da Silva
- Henrique Sousa
- João José Rodrigues Tilly

PhD in Spatial Planning; Postgraduate Diploma in Legal Issues of Territorial Planning and Urbanism, Degree in Engineering; Researcher at HTC/UNL.
Environmental Engineer, Airline Pilot.
Pharmaceutical Development Scientist, PhD In Chemical and Biological Engineering (Material Science Focus for Solar Energy Applications)
entrepreneur in modern energy solutions and electric mobility
Aggregate Professor of Physical Chemistry, University of Algarve, discoverer of long-range energy transfer in biological systems
retired agrarian researcher
Member of Portuguese Sea Level Project, USA
PhD in Electrical and Computers Engineering, Professor of Power Systems (Electrical and Computers Engineering), Instituto Superior Técnico, Lisbon
PhD, Senior Research Scientist, University of the Azores
Retired electrical engineer and teacher, wind energy expert and energy consultant
Mechanical Engineer and Maths teacher



4 SIGNATORIES FROM REPUBLIC OF KOREA

1 WCD Ambassador

- Dr. Seok Soon Park

Professor of Environmental Science and Engineering, Ewha Womans University, Seoul, Founder of the Climate Truth Forum

3 Signatories

- Zonghie Han
- Kihong Kim
- Dong Yeop Lee

economist at Daegu University
PhD, Professor of Urban Planning and Development
Engineering Consultant and Author of Correct Sounds of Climate



8 SIGNATORIES FROM RUSSIAN FEDERATION

8 Signatories

- Habibullo Abdussamatov

Head of the Space Research Sector of the Sun, Pulkova Observatory RAS and Head of the Lunar Observatory Project on Monitoring of the Climate

Russian Federation continued

- Prof. Vladimir N. Bashkin
Professor in Biogeochemistry, Principal Researcher of the Institute of Physicochemical and Biological problems of Soil Science of RAS, Moscow
- Pavel Bizyukov
PhD in Metallurgical Engineering, faculty member at Moscow State Institute of Steel and Alloys
- Gleb I. Evgeniev
Professor of Environment, Moscow State Technical University (MADI)
- Vladimir G. Kossobokov
Chief Scientist, Professor, Expert of Russian Academy of Sciences, Foreign Member of Accademia Nazionale delle Scienze detta dei XL (Rome, Italy)
- Eugene Nagibin
MA in Economics, CIR, Territorial Development and Management Consultant
- Henni Ouerdane
PhD in Physics, Associate Professor with extensive experience in the physics of energy conversion and the related technologies
- Dr. Michael Petelin
Professor of the University of Nizhny Novgorod, head researcher of the Institute of Applied Physics, Nizhny Novgorod



1 SIGNATORY FROM SAUDI ARABIA

1 Signatory

- Christopher M. Fellows
Phd, physical chemist



1 SIGNATORY FROM SERBIA

1 Signatory

- Ivan Stefanovic
Curator of collection, Faculty of Mining and Geology, University of Belgrade



2 SIGNATORIES FROM SINGAPORE

2 Signatories

- Andrew Frazer
offshore drilling, earth sciences and renewables
- Dr. Lars Schernikau
Energy Economist, Entrepreneur & Author



1 SIGNATORY FROM SLOVAKIA

1 Signatory

- Boris Divinsky
MSc, freelance researcher in geography, demography, and migration issues



5 SIGNATORIES FROM SLOVENIA

5 Signatories

- Borut Bohanec
Emeritus Professor of Biotechnology, active to explain major missinterpretations of scientific discoveries
- Tadej Ian
MA, owner of a green-roof business, political publicist/columnist, and expert in international relations
- Ján Lakota
MD, PhD molecular biology
- Rafael Mihalič
Professor of Electrical Engineering, University of Ljubljana
- Matjaz Valencic
independent energy expert



14 SIGNATORIES FROM SOUTH AFRICA

14 Signatories

- Dr. Henrique J.S. de Barros Pinheiro
Geologist, Invited Associate Professor, Universidade Fernando Pessoa, Porto, Portugal
- Prof. Rosemary Falcon
Emeritus Professor Clean Coal Technology Research Group at the University of Witwatersrand, Director Fossil Fuel Foundation
- Dennis Shaun Garisch
BSc (Civil) Eng, Professional Engineer registered with Engineering Council of South Africa (ECSA), over 30 years of practice, inclusive of many storm water management designs

South Africa continued

- Dr. Hans Hofmann-Reinecke
nuclear physicist, author of several books “Grün und Dumm”, articles and videos on global warming and alternative energies for the general public
- Dr. Rob Jeffrey
Economic Risk Consultant: Senior Economist and Managing Consultant, leading expert in energy and electricity
- Dr. Kelvin Kemm
PhD, Nuclear Physicist, Chairman: Stratek Global (Pty) Ltd, Pretoria
- Dr. John Ledger
Visiting Associate Professor at the University of the Witwatersrand, Energy and Environmental Consultant, Consulting Editor, Freelance Writer, Editor and Lecturer
- Prof. Richard Meissner
Associate Professor, Department of Political Sciences, University of South Africa
- Dr. Don Mingay
Retired Professor of Nuclear Physics, University of the Witwatersrand. Involved since 1995.
- Mike Sankey
Co- Author of two books : Climate Actually Vol1 Nothing to Fear, Climate Actually Vol 2 The Science Behind it
- Professor Martin R. Sharpe
PhD from University of Exeter, retired Geologist, Geochemist, Analyst and Field Mapper at University of Pretoria, Founder of geological consulting and exploration companies
- Dr. Grant Son
PhD in Natural Science
- Dr. Jacques Theron
Retired Veterinarian
- Geert F de Vries
Retired physicist / nuclear engineer



25 SIGNATORIES FROM SPAIN

1 WCD Ambassador

- Blanca Parga Landa
PhD, Modelling Expert, specialist in Environmental Law

24 Signatories

- Bernardo Armero
Engineer and Project Leader within Clean Aviation
- Raquel Barquero
PhD, lifetime career as nuclear engineer and medical physicist in Valladolid University Clinical Hospital
- Dr. Saúl Blanco
Associate Professor of Ecology at the University of León
- Maria Teresa Estevan Bolea
Engineering award 2019 Royal Spanish Academy of Engineering, World Award 2018 In Engineering WFEO, National Prize in Industrial Engineering 2019
- Ferran Brunet
Professor on the European Economy, Unniversitat Autònoma de Barcelona
- Antonio Jesús Muñoz Cobo
PhD in Environmental Sciences from the University of Jaén, member of the research group Environmental Technologies of the Dept of Chemical, Environmental and Materials Engineering
- Aitor Ercilla
climate historian and computer scientist. Researches the importance of climate change in social processes
- José-Ramón Ferrandis
Analyst, Writer, Communicator
- Isabel López García
PhD on Chemical Engineering, Assistant Professor of Physical Chemistry and applied Thermodynamics , University of Córdoba
- Antonio De La Hoz
BSc in in Business and International Economics, activist and expert in economics and political implications of causes and consequences of climate change
- Antonio J. Huertas
Engineer with 35 years experience in Energy Politics and Operation, and Environmental Care
- Jose Manuel Miranda Lopez
PhD, Professor at the University Santiago de Compostela , Department of Analytical Chemistry, Nutrition and Bromatology
- Juan Mallo
Retired Geologist since 2009, Involved in the creation of the Spanish Association of Climate Realists (ARC)
- Alexander Keith Martin
PhD Geology and Geophysics, Consultant geologist
- Javier Del Valle Melendo
Doctor in Climatology, Professor a Centro Universitario de la Defensa
- Dr. Chris Oldenhof
PhD in Photochemistry, Retired from the Dutch chemical company DSM
- Manuel M. Sánchez Del Pino
PhD, Department of Biochemistry and Molecular Biology, University of Valencia

Spain continued

- Luis Pomar†
- Manuel Jesús Romero Rincón
- Juan Miguel Gómez Menor Robles
- Alejandro Rodríguez-Gómez
- Geologist Antonio De La Torre
- Javier Vinós
- Wynn Williamson

Emeritus Professor of the University of the Balearic Islands, Sedimentologist specialized in the study of Carbonate Rocks which the Impact of CO2 and Paleoclimate

PhD Civil Engineering, Professor at Miguel Hernández University of Elche, Spain CEO at ETRES Consultores

PhD in Biology (Botany), High School Head of Department.

Associate Professor, Universitat Politècnica de Catalunya, Barcelona, Spain

Private companiesMarcel: geologist

PhD, Scientist and independent climate researcher

co-founder and managing partner of real estate developer BWRE



48 SIGNATORIES FROM SWEDEN

1 WCD Ambassador

- Ingemar Nordin

Emeritus Professor Philosophy of Science, Linköping University

47 Signatories

- Michael Andersson

Bsc in biology, medical doctor, retired Chief Medical Officer at a battalion of the Swedish Airforce

- Leif Åsbrink
- Sture Åström

PhD, Technology at KTH in Molecular Physics, Stockholm

MSc, Technology, Professional in Climate Issues, Secretary of the Swedish Network Klimatsans

- Erik Axelkrans
- Rolf Bergman
- Dr. Lars Bern

MSc in physics and physical oceanography, University of Gothenburg

Emeritus Professor of Physical Chemistry, Uppsala University

Member of The Royal Swedish Academy of Sciences, Retired CEO in Incentive AB

- Joakim Blomqvist

Sr. Design Manager for design and energy solutions within a larger construction company

- Magnus Cederlöf
- Tore Dalvåg

Software Specialist, Stockholm

Msc, Physics, Research Engineer in Hydrodynamics and Thermodynamics, Senior Advisor in Environmental Standards, Author of 'CO2 a source of life or a threat'

- Hans Eklund

PhD, Technology, Acting Professor at the Department of Laser-and Electro-optics, Chalmers University of Technology, Gothenburg

- Per-Olof Eriksson
- Dr. Anders Flodin
- Mats Freding
- David D. Gee†
- Anders Grufman
- Jan Hagberg
- Björn Hammarskjöld
- Lars Hässler

Physicist, Former CEO of Sandvik Group

PhD, Mechanical Engineering, NC, USA

MSc Mechatronics Test team leader, environmental and software test.

Professor Emeritus Orogen Dynamics, Uppsala University

MSE, MA, Economics, Industrial and Environmental Economics

PhD, Statistics, Stockholm

MD, PhD in Biochemistry, Assistant Professor in Pediatrics

PhD, Rock and Soil Mechanics, Bsc Chemistry and Biology, Msc Civil Engineering

- Eilif Hensvold

PhD, Mathematics, Associate Professor of Mathematics (Retired), Simulation of Large-scale Industrial Systems, Uppsala University, Luleå Technical University

- Gunnar Holmgren

PhD, Space Physics, Retired Head of Dept. of Engineering Sciences, Uppsala University

- Mats Janson

MSc, Electrical Engineering, KTH Royal Institute of Technology, Stockholm

- Hans Jelbring
- Göran Johansson
- Claes Johnson

Climate Researcher

specialist in Energy Systems

Emeritus Professor of Mathematics at Royal Institute of Technology, Stockholm

- Gunnar Juliusson

Professor of Hematology, Lund University, Senior Consultant, Skåne, University Hospital, Lund

- Sten Kaijser
- Johnny Kronvall

Emeritus Professor of Mathematics, Uppsala University

Emeritus Professor in Building Physics, Malmö University and Lund University

- Lars E. Linder

Associate Professor of Medicine, Gothenburg

Sweden continued

- Jan Lindström
Senior Medical Physicist, PhD, Former Head of Department of Medical Physics Karolinska, Worked and published in Environmental Science (Harwell UK). Long climate interest.
- Rune Lundgren
MSc, Helsinki University of Technology, Energy System Expert
- Toomas Mathiesen
MD, Retired
- Johan Montelius
Associate Professor of Computer Science at the Royal Institute of Technology, Stockholm
- Jacob Nordangård
PhD, Technology and Social Change at the University of Linköping, Researcher on Climate Change History
- Gabriel Oxenstierna
PhD, retired, currently author for Klimatupplysningen.se
- Gösta Pettersson
Emeritus Professor in Biochemistry, University of Lund
- Marian Radetzki†
Emeritus Professor of Economics, Luleå University of Technology
- Mats Rosengren
Mathematics, Space Flight Trajectory Specialist
- Torsten Sandström
Professor Emeritus, Department of Law, University of Lund
- Rabbe Sjöberg
PhD, Geology, Member of Paleogeophysics & Geodynamics Institute
- Peter Stilbs
Emeritus Professor of Physical Chemistry, Royal Institute of Technology (KTH), Stockholm
- Jan-Olov Strömberg
Emeritus Professor of Mathematics at Royal Institute of Technology, Stockholm
- Lars H. Thylen
Professor emeritus in photonics, Dept. of Applied Physics, Royal Institute of Technology, SE-106 91 Stockholm, Sweden
- Tege Tornvall
Automotive and transport editor and expert. On election committee of association Klimatrealisterna, regular contributor to blog Klimatupplysningen and network Klimatsans
- Gösta Walin†
Professor Emeritus in Oceanography at University of Gothenburg
- Elsa Widding
Consultant, Author on Climate Change, Stockholm
- Lech Wosinski
Researcher Emeritus, Associate Professor, Royal Institute of Technology, Stockholm
- Orjan Wrange
PhD, Emeritus Professor in molecular Genetics Karolinska Institutet, Stockholm, Sweden



26 SIGNATORIES FROM SWITZERLAND

26 Signatories

- Dr. Denis Bednyagin
researcher specialised in integrated (Energy-Economy-Environment) assessment modelling
- Thomas Binder
Cardiologist and Internist
- Majed Chergui
Emeritus Professor of Chemistry and Physics
- Helmut Elben
PhD in Physics, working as Strategy, Technology and IT Consultant
- Dr. Michael Esfeld
full professor of philosophy of science, University of Lausanne
- Ferruccio Ferroni
Dipl.Ing. ETH, Energy Consultant
- René Funk
Software Engineer, specialized in Analysing Satellite, Sea and Land Temperature
- Werner Furrer
MSc, Mathematics and Physics, President of the Climate Realistic Group in Switzerland
- Robert James Hopkirk
PhD, Energy Consultant, R&D in thermodynamics, heat and mass transfer in engineering, aquatic, atmospheric and geothermal environments
- Christian Jacot
Pharmacist
- Fabrizio Jauch
PhD Earth Sciences, Expert for the Swiss Accreditation Service for geotechnical laboratory analysis
- Markus D. Knecht
chemist, 15 years research on climate change
- Dr. Johannis Nöggerath
40 years experience in Nuclear Power Engineering, Passionate amateur researcher in realistic climate science for more than 10 years
- Joseph Ongena
Member of the Permanent Monitoring Panel for World Energy, World Federation of Scientists, Geneva
- Jacques Perret-Gentil
Professor of Physics for 40 years and co-author of physics-chemistry books intended for teaching
- Dr. Jean-Claude Pont
Dr. Math., Emeritus Professor of The History of Philosophy of Sciences, University of Genève
- Dr. Franz-Karl Reinhart
Emeritus Professor of Physics, Lausanne

Switzerland continued

- Dr. med. Schäffer Renate
- Claude Roessiger
- Beat Dominic Roth
- Heinz Schmid
- Dr. Ralf Lorenz Schmitt
- Thomas Stadler
- Ivan Surace
- Prof. Dr. Eric P. Verrecchia
- Dr. Eric Vieira

retired

Entrepreneur and Author of several Books on Organizational Management and Public Policy, Organiser and Chairman of the Portsmouth Conference 2018 on Climate Policies

Owner Filmcompany

Dipl. Ing. Agr ETH, more than 10 years involvement in climate science and climate communication

PhD in Chemistry, Product Manager

MSc in Physics, ETH Zürich, Geophysics, Specialty in Geothermics

PhD in Geology, Geol Surace I.R.

Professor at the University of Lausanne, Chair of Biogeochemistry at the Institute of Earth Surface Dynamics, expert in terrestrial carbon cycle of the tropical and temperate zones

(retired), Ph.D (organic chemistry), 27 years at Roche Pharmaceuticals (Principal Scientist)



1 SIGNATORIES FROM THAILAND

1 Signatories

- Annet Aarts

Biologist



3 SIGNATORIES FROM TURKEY

3 Signatories

- Prof. Kerem Cankocak
- Ufuk Cosgun
- Andrew Cullen

Professor in Particle Physics at Istanbul Technical University, author of more than 200 books in different scientific areas

columnist at Milat Newspaper

Ph.D Geography



172 SIGNATORIES FROM UK

1 WCD Ambassador

- Christopher The Viscount Monckton Of Brenchley

Peer of the Realm and Author of several reviewed papers on Climate

171 Signatories

- Tom Agbabi
- Colin Andress
- Neils C. Arveschoug
- Nigel Banks
- Andrew P. Barker
- Nik Bartley
- Nigel Beckwith
- Alan Belk
- Simon Bevan
- Roshan Bhunnoo
- Paul Binns
- David Blake
- David Bodecott
- Dr. Richard Booth
- D.Q. Bowen†
- Dr Phillip A. W. Bratby
- Michael Brown

PhD, Professional engineer in the energy industry

BSc Physics, MSc Astrophysics, MA (Oxon) Classics & Philosophy, Barrister, Fellow of the Royal Astronomical Society

Geophysicist, Private start-up Oil E&P Company

PhD Geology, Petroleum Geologist

Biological Chemist

Mechanical Engineer

professional graduate Podiatrist, Post Grad. in Sports Science, Post Grad. in Science Education

BSc, Mechanical Engineering, MBA, 40 years with a global Industrial Gases, Chemicals and Energy company

BSc Oceanography and Geology, WMO Qualified Meteorological Forecaster

Mathematics and Statistics, former Climate Data Analyst at the Meteorological Office

Former Research Geoscientist and Climate Researcher

BSc Applied Chemistry, Chair of East College Group & CME Futures Trader

Geologist/Geophysicist, Fellow of the Geological Society of London

retired Special Merit mathematician in the UK Civil Service

Emeritus Professor of Earth and Ocean Sciences, Fellow International Union for Quaternary Research, Cardiff University

Physicist, Member of the Institute of Nuclear Engineers, retired energy consultant

Expert in Large Scale Thermal Fluid Dynamic Models

UK continued

- Paul Burgess
BSc, MSc, C. Eng (retired) Hydro Climate Specialist
- Derrick Byford
BSc (Hons) holder of 10 patents, previously Deputy Director Research & Statistics Inner London Education Authority
- Gerry Byron
BSc in Physics, MBA which included modules on statistical analysis
- Peter Cale
Solicitor, co founder and fund raiser for wave energy research project as Director of Staithe Energy Products (1988 1995)
- George Carey
BSc Hons. Physics and Geology, Lifetime Physics teacher and amateur astronomer
- Brian R. Catt
Electrical Engineer, Retired, publishing papers on Energy and Climate Change
- Richard Ceen
BSc Physical Oceanography with Physics, entrepreneur / engineer in Marine LNG Safety and Weather forecast dependent Optimising Voyage Control Systems
- Arthur Champion
retired European Environmental Coordinator and CofE Diocesan Environmental Adviser
- Konrad Chapman
Energy & Environmental Consultant,
- John Church
Earth Science Professional, Retired from Energy Sector
- David Coe
MA(Oxon) in Physics, lifetime working on gaseous absorption spectroscopy, Lead author of “The Impact of CO₂, H₂O and Other Greenhouse Gases on Equilibrium Earth Temperatures”
- Professor John C.W. Cope
Hon Research Associate, University of Bristol
- Dr. Douglas Cormack
BSc in Chemistry, Maths, Physics and Microbiology, PhD in Physical Chemistry, Chief at Scientific Civil Service, Founder of the website “The campaign against belief consensus”
- Richard Courtney
Retired Material Scientist, Expert Peer Reviewer of the IPCC
- Chas Cowie
GDE Mining Engineering, Wits University, Retired IT Professional worked primarily in Mining and Logistics Industries
- David Crabtree
retired assistant professor biology
- Dr. David Critchley
Senior Clinical Pharmacologist, mathematical modelling of complex systems
- Michael Cross
Chemical Engineer
- Peter Cunningham
Expert in Mathematical Modelling of Complex Physical Phenomena
- Isabel Davies
Geophysicist and Entrepreneur
- Robert Davies
BSc Airline pilot
- Dr Philip George Davies
Principal Lecturer in the Department of Computing and Informatics at Bournemouth University
- Dr. Keith P. Dawson
Environmental and Agricultural Researcher
- Jeremy Dawson
retired Chartered Engineer with a career in the oil and gas industries
- John Dewey
Emeritus Professor of Geology at the University College Oxford, Distinguished Emeritus Professor University of California,
- Howard Dewhurst
FGS, Geologist, Initiator Open Letter to the Geological Society of London
- James Dillon
BSc Physics, DPhil Nuclear Physics, Former research physicist
- Gregor Dixon
FGS, Geologist, Former Member Geological Society of London
- Peter M.J. Dorey
BSc Physics, MInstP, MIET, Senior Project Manager/Physicist (Ret'd) 45 years experience in Engineering.
- Tilak Doshi
Economist, CO₂ Coalition member, ex-Forbes contributor, frequent op-ed contributor (Daily Sceptic, RealClearEnergy, South China Morning Post, etc.)
- Timothy (tim) C. Duckworth
Retired Mechanical Engineer in the Oil & Gas industry, Senior Auditor in Management/Facility/HSE
- Dr. Michael Earle
international earth scientist, energy professional, author
- Dr. John S. Easterby
Retired Senior Lecturer in Biochemistry University of Liverpool, Research area: Protein chemistry, Enzymology, Metabolic Modelling
- Roderick Paul Eaton
MBA FIET MCMI, Retired Consultant Energy Industry Analyst/Management Consultant
- Debra Eddy
Entrepreneur and Guest Lecturer in Business Management
- Dr. Andrew Edmonds
data scientist with a strong background in AI, past CTO of a publicly traded US tech company, currently CEO of a private US company, ThinkBase LLC

UK continued

- Peter Francis D'oyly Etherington-Smith Geologist/Oceanographer, Coral Reef Researcher, MSc Petroleum Engineering (Imperial), life-time international experience in developing countries, retired from BG
- Kevin Foo MSc, DIC, Dip. Met, AusIMM, IOM3, SME, Ch.Eng., President Tianshan Jade (UK) Ltd
- Ashley Francis BSc, FRAS, Geophysicist with expertise in forward and inverse modelling, stochastic modelling and resolution/scale change impacts
- Sean Galbally Project Manager Water and Wastewater Systems
- Gil Gilchrist Geophysicist
- Alan Gill Retired Engineer in South Wales
- Peter Gill Physicist, Ex Chair Institute of Physics Energy Group, Ex London Branch Chair & Fellow of EI
- Paul R. Goddard retired Professor of Radiology, University of the West of England
- John D. Goss-Custard PhD Ecology, University of Aberdeen, Visiting Professor in the Department of Life and Environmental Sciences, Bournemouth University
- Alastair Gray retired geologist, 50 years in oil exploration, production and asset evaluation
- Delphine Gray-Fisk Former airline pilot, and parliamentary candidate for both the UK Independence Party and Brexit Party
- Robin Monotti Graziadei Architect and former postgraduate lecturer in Architecture at London Metropolitan University
- Mick Greenway Research and Development of Flight Control Systems for Modern Civil and Military Aircraft, Retired Head of Research and Development within a Multi-Million-Dollar Company
- David P. Gregg retired Unilever Research group leader and scientist, Author of studies of historical climate time series based on modern spectral analysis techniques
- Brian Gregory MA. in Natural Sciences, MSc. in Business Studies, Lifetime Career in the UK Chemical Industry, currently Policy Director of the Alliance of British Drivers
- Jimmy Haigh Independent Geological Consultant
- Stephen Hardcastle Retired Electronics Engineer, 10 years experience in the design of NDIR gas detectors, for gases including CFC's CO₂, CH₄ and N₂O
- David Hardy Business Owner, Director and Experienced Chemical Engineer. 20+ years in Energy technology development including removal of pollution from conventional fossil fuel power sources
- Tim Harper PhD (Engineering, rock mechanics), CEng., Geomechanics Consultant and Researcher, Recipient of the Royal Academy of Engineering MacRobert Award
- Ken Harrison Retired Chartered Physicist
- John Harrison Former Chartered Physicist and Chartered Engineer
- Peter Harvey Project Manager – Renewable offshore wind industry
- Raymond Hayes BA (Lond) M.Litt (Oxon) FRGS Solicitor Hong Kong and England and Wales
- MA, MSc Kes Heffer Director, Reservoir Dynamics Ltd.
- Alex Henney Formerly London Electricity Board, Consultant on Electricity Matters
- Roger Higgs DPhil (Oxon), Independent Geological Consultant, Geoclastica Ltd.
- Tatiane Melchior Stefanello Hodson BSc Oceanographer, MSc International Public Policy, author of "How to Recognize Totalitarians".
- Dr. Sinclair Holland MBChB(Edin) Medical Doctor
- Paul Homewood Climate & Energy Policy Analyst
- Keith H. James PhD, Consultant Geologist
- James Barry Jamieson Retired Aeronautical Engineer, Co-author IPCC report 1999
- Anthony Janio PhD in Physics, Independent Elected Councillor in Brighton and Hove
- David A.L. Jenkins Geologist, Director Hurricane Energy plc
- Dr. Chris Jesshope Emeritus Professor University of Amsterdam, Director Techne Consulting Ltd.
- David Jessop C.Eng., M.I.C.E., lifetime career in the water industry
- Stephen Latimer Jones BA Chemistry, IT professional
- Robert Jones BSc and PhD Mining Engineering, Director at Warwick Energy

UK continued

- Zana Juppenlatz
BSc Hons, LL Dip, MPhil, MA; Specialist in Environmental Policy & Law, Environmental Impact Assessment & Sustainable Development (Retired)
- Gautam Kalghatgi
PhD Aeronautical Engineering, Consultant Professor, 50 Years' experience in R&D in combustion, fuels and energy
- Gavin Kenny
Emeritus Professor of Anaesthesia, Intensive Care and Pain Medicine University of Glasgow
- John L.D. Kerr
B.A. (Hons) in Environmental Science & Technology; B.Sc. (Hons) in Chemistry, active as Environmental Consultant
- Stephen King
Experienced technically trained chemical engineer with experience in environmental consideration of major petrochemical projects, including technical and economic aspects
- David A. Kirkwood
MSc MIET, Professional engineer working in IT, Deputy Chairman of Reform UK Scotland
- Geoffrey W. Lane
retired Marine Engineer and Technical Author
- Eur. Ing Colin Leci
CO2 and Environmental Specialist
- Roger Longstaff
Experimental Space Physicist and Company Director
- Anthony Lowe
BSc Hons Polymer Chemistry and Physics, Consultant Polymer Solutions
- Peter Justin Lunt
MSc Geology London, adjunct lecturer in geology (stratigraphy) at Universiti Teknologi Petronas and Shandong University of Science and Technology (SDUST) Qiangdao
- Tom Mackay
BSc, Geologist, Fellow of the Geological Society (FGS) of London
- Chris Mackenzie
MSc, Director and Geological & Environmental Consultant at Peak Minerals Ltd
- Ian Magness
Geologist turned treasurer, Since retirement actively involved in the analysis of all aspects of climate change from a sceptical viewpoint
- Prof. David Marshall
Emeritus Professor, Dept. of Computer Science & Informatics, Cardiff University
- Stephen Martin
retired exploration geophysicist
- Chris Matchette-Downes
Geologist and Geochemist, particularly involved in studies about past climates including glaciation
- William James Mcauley
M.Sc. from Imperial College and an M.B.A. from Lehigh University, retired Chemical Engineer with a 40+ year international career in energy, industrial gas and chemical industries
- Dr. Niall McCrae
PhD in Mental Health
- Angela McKay
retired Mechanical Engineer in Turbine Generator Industry. Retired Head of Physics St Mary's 6th Form College, Lancashire
- Dr. Euan Mearns
retired, freelance consultant, researcher, blogger and author
- Krov Menuhin
Expert on ocean life, underwater filmmaker, professional diver, pilot and writer, explored the Earth's extremities, experiencing the oceans and the atmosphere first-hand
- prof. Anton Van Der Merwe
MD, PhD, Professor in Molecular Immunology
- Geoffrey Middleton
Chartered Architect, Social Science
- Terence Mordaunt
Accomplished businessman, Self taught climate scientist mentored by Professor David Bellamy
- Dr. William Morgan
Retired Clinician
- Dr. Ian Mortimore
BSc, PhD, MB, BS, FRCP, retired Consultant Respiratory Physician in the NHS with research affiliations to Edinburgh and Newcastle Universities
- Philip Mulholland
Geoscientist, Life time experience in the Geo-Energy Industry, co-author of the DAET climate model
- Stuart Munro
Exploration Geologist and Geophysicist
- Edward Nealon
Geologist, Member of the Australian Institute of Mining & Metallurgy
- Alex Nichols
BSc Geography, MSc Environmental Assessment, 30 years in sustainability consultancy, programmes and projects
- Dr John Nicholson
Consultant geologist, 50 years engineering geology, oil, gas exploration, and geothermal
- Blair Nimmo
Electronic Engineer, working in Computer Networking and Optical Surface Metrology and Fibre Optics

UK continued

- Michael John Oates
Geologist, Lifetime Experience in the Geo-Energy Industry, Fellow of the Geological Society of London
- Gerard O'donovan
Entrepreneur, Business Owner, career in building international and multinational organisations
- Andrew O'rourke
journalist climate change
- Peter Owen
FGS, Fellow of the Geological Society of London
- Jonathan R. Partington
Emeritus Professor of Mathematics, University of Leeds
- Dennis Paterson
Retired Geologist
- Dr. James Petch
Physical Geographer, formerly Reader in Environmental Science at MMU and Head of Distributed Learning at the University of Manchester
- Peter Phillips
BSc Hons Mechanical Engineering, lifetime experience in the geo-energy industry
- Graeme Phipps
geologist and geophysicist, Jersey Channel Islands
- Dr. James Pindell
Geologist, specialised in plate tectonics and palaeographic evolution, Director of Tectonic Analysis Ltd (UK), Adjunct Professor at Rice University (USA)
- Gerry A. Quinn
Research Scientist, Ulster University, lifetime career in microbiology, biochemistry and environmentalism
- Clive Randle
Geologist, Fellow of the Geological Society of London
- Jonathan Charles Read
Honours degree in Physics from the University of Durham, member of the Institute of Physics (MInstP), Fellow of the Chartered Association of Certified Accountants (FCCA)
- Dr. Colin Richard Reeves
Emeritus Professor of Operational Research, Coventry University, Expert in Mathematical Modelling
- Ceri Reid
PhD Electrical and Electronic Engineering, Sonar Specialist
- Chris Rice
BEng(Hons) Engineering & Environmental Science
- Steven Andrew Richards
MSc, Retired Chartered Engineer, Retired Lecturer from Portsmouth University and Southampton Solent University
- Michael F. Ridd
Geologist, Fellow of the Geological Society of London
- Philip Risby
BSc Engineering, Retired environmental consultant, patent holder
- Anthony Robb
PhD, Retired Chemist
- Salmaan Saleem
Family Medicine Doctor
- Dr. José Sánchez-Morales
Doctor in Geology, analysing paleoclimate cycles and software expert
- Richard Saumarez
Biomedical Engineer from Imperial College
- Charles Savage†
BA, BSc, MA (Oxon.) in Chemistry, CEO of CP Pharmaceuticals (Retired)
- Robert M. Schneider
MSCE, retired Civil Engineer
- Michael Seymour
Geologist, Fellow of the Geological Society of London
- Stephen Silverstein
BSc Graduate of Queen Mary University, London, in chemistry with geology
- Mike Sluman
Retired teacher with an honours Degree in Environmental Biology
- Mr Tim Smith
Director of Motvind UK helping communities oppose unwelcome wind farm developments through planning representations and legal action
- Dr. Ian Smith
MSc Maritime Archaeology, PhD Chemistry
- Mike Stigwood
Environmental Researcher
- Leslie Thomson
Retired Vice President Operations, BP Exploration, Aberdeen
- Edwin Thwaites
Retired Principal Lecturer in Organisational Analysis and Crisis Management, University of Central Lancashire, Predton
- Derek Tipp
BSc honours degree in chemistry, former research chemist and retired science teacher, currently councillor on New Forest District Council
- David Todd
retired Associate Member of the Institute of Bankers, Post Graduate Certificate in Business and Management
- Paolo Emilio Trevisanutto
PhD in Physics, Senior Computational Scientist
- Mark Tucker
BSc of Science Geophysics, Serial Entrepreneur and Scientific Advisor to APPG for Industrial Hemp
- Neil Upton
Retired GP UK
- Matthew David Waggener
Financial professional, strategic consultant on business investments
- Dr. Glenn K. Wakley
Emeritus Associate Professor Biological Science, Fellow of the Royal Society of Biology and member of The Anatomical Society

UK continued

- Professor David Wastell
- Paul White
- Philip Linden Wilkes
- Jay Willis
- Matt Wood
- Alison Wright
- Valentina Zharkova
- Ivor Zoeftig

Emeritus Professor of Information Systems at the University of Nottingham

B.Sc. Physics, Durham University, Retired, Former Higher Scientific Officer Marine Climatology

Life time Experience in Marine Biology

Marine Scientist, Associate of the OxNav Group of Oxford University.

BSc in Metallurgy & Materials Science, Retired Airline Pilot, Patent holder

BSc MSc. Systems Engineer, Energy Policy, Sustainable Development policy.

Professor of Mathematics and Astrophysics, Northumbria University, Newcastle upon Tyne

International communications coach specialised in chaodynamics and NLP LP



2 SIGNATORIES FROM UKRAINE

2 Signatories

- Vsevolod Lozitsky
- Irina Vasiljeva

DrSci, Astronomical Observatory of Taras Shevchenko National University of Kyiv, expert in solar physics, solar activity and magnetic field, and solar-terrestrial connections

CSc, Research Fellow at the Main Astronomical Observatory of National Academy of Science of Ukraine, research interests include solar physics



459 SIGNATORIES FROM UNITED STATES

2 WCD Ambassadors

- Dr. John F. Clauser
- Richard Lindzen

Nobel Laureate Physicist

Emeritus Professor Atmospheres, Oceans and Climate, MIT, USA

457 Signatories

- Edward Abbott
- Paul Berrick Abramson
- Dr. Syun-Ichi Akasofu
- Ralph B. Alexander
- Chapel Allen
- Lincoln Anderson
- Michael Anderson
- Michael Antonetti
- Anthony J. Armini
- Bob Armstrong
- Nicholas Ashcraft
- Dr. Malgorzata Askanas
- Hans-Peter Bähr
- George Baker
- Jeffrey Baldwin
- Lynne Balzer
- Donna Barr
- Dr. Bryan Barrilleaux

MD, Retired obstetrician, BSc in math and chemistry

PhD. in Theoretical (Solid State) Physics, Juris Doctor, Registered Professional Nuclear Engineer

Professor of Geophysics, Founding Director of the International Arctic Research Center of the University of Alaska Fairbanks from 1998 until 2007

Emeritus Professor of Physics, Science Writer

Geophysical Engineer with 49 years experience in earth science

Macroeconomist and Econometric Model Development

BS Chemical Engineering, PhD Information Science, writes about contemporary American politics, including global warming

P.G., Professional geologist for 35+ years in Pennsylvania with Ms in glacial geomorphology

Retired Founder and CEO Implant Sciences Corp.

MS, mathematical psychophysics

Materials Science and Engineering, Wright State University. Lifetime career in the oil and gas industry

Senior R&D Associate at the Aurora Biophysics Research Institute

Emeritus Professor of Pharmacology, Canada and Former Dean of Basic Medical Sciences, American University of Barbados, Barbados

Emeritus Professor, Applied Science, James Madison University

petrophysicist and rock physicist specialist

certification in Biology, Chemistry and Physics, founder of Faraday Science Institute, retired high school teacher (chemistry, physics, biology), adjunct college science professor

lifetime career as investigative journalist worldwide

MD, Physician of Internal Medicine

United States continued

- Joe Bastardi
Chief Meteorologist Weatherbell.com, Author: The Climate Chronicles: Inconvenient Revelations you won't hear from Al Gore and others; The Weaponization of Weather in the Phony Climate War
Former pilot at United Airline
Climate Adviser, Heartland Institute
PhD in Theoretical Physics, Princeton University
PhD in Materials Science, Post-doctoral research in metallurgy, Masters degree in Biomedical Engineering
- Captain Walter Bates
Former pilot at United Airline
- Charles G. Battig
Climate Adviser, Heartland Institute
- Eric Baum
PhD in Theoretical Physics, Princeton University
- Trenin Bayless
PhD in Materials Science, Post-doctoral research in metallurgy, Masters degree in Biomedical Engineering
- Scott Beattie
Juris Doctor Degree (Law), studied history of science for 25 years and climate science for ten years
- James Beilman
ASBOG Licensed Environmental Geologist
- Dr. Ernest Calvin Beisner
Expert on the Ethics and Economics of Climate and Energy Policy, Founder and Spokesman of The Cornwall Alliance for the Stewardship of Creation
- Larry Bell
Endowed Professor of Space Architecture, University of Houston
- Frank X. Bellini
Retired Geologist and Environmental Scientist, 45 years experience in earth science research including flooding studies
- David J. Benard
Chemical Physicist & Co-inventor of the Oxygen-iodine Chemical Laser
- Haym Benaroya
Distinguished Professor of Mechanical and Aerospace Engineering, Rutgers University
- Dr. Shmuel Ben-Shmuel
PhD in Aerospace & Mechanical Engineering, retired aerospace engineer, worked on the Space Shuttle, doing Computational Fluid Dynamics simulations
- Dr. Peter R. Bergethon
retired Professor of Biochemistry, Anatomy & Neurobiology, Biomedical Engineering and Neurology, Boston and Tufts Universities. Inventor of bioelectrochemical energy systems.
- Robin Bernhoft
MD, FACS, FAAEM, retired liver and pancreatic surgeon, retired clinical toxicologist, author of 3 books, 28 peer-reviewed papers
- Dr. Edwin Berry
PhD, Atmospheric Physicist, American Meteorological Society, Author, Climate Physics LLC
- Ronald Berti
lifetime career in the semiconductor industry
- Brent J. Bielema
studied Economics at Northern Illinois University, professional nutritional counselor
- Professor Joseph Biello
Professor of Mathematics, University of California, Davis
- Jared L. Black
Numerical Analysis Consultant, ScD
- Dr. David L. Black
Clinical and Forensic Toxicologist (Microbiology, Immunology, Pathology, Pharmacology), Vanderbilt University Nashville, adjunct of Department of Medicine Board of Visitors
- Thomas Lindsay Blanton
PhD in Tectonophysics, Texas A&M University, Consultant in geomechanics specializing in compaction, subsidence, and lithospheric stress determination
- Elliott D. Bloom
Emeritus Professor of Particle Physics and Astrophysics, KIPAC-SLAG, Stanford University
- David Boleneus
Professional Geologist
- Daniel Botkin
Emeritus Professor of Biology, Climate Researcher, Author of the Book: Twenty-five Myths That Are Destroying the Environment
- Cameron Boyce
Ecologist, 20+ years of experience in ecological restoration, wildland fire, paleo-endemic plant management, wildlife habitat management.
- Dr. Walter Bradley
PhD, Emeritus Professor Mechanical Engineering, Texas A&M University, Baylor University
- David Brand
PhD Biology, Immunology and Biochemistry Scientist since the early 1990's
- Donald Bretches
PhD Physical Organic Chemistry
- Dr. William Briggs
Alumnus Cornell University, Writer and Philosopher
- Daniel Brimhall
MS Extractive Metallurgy, University of Utah, retired Vice President Operations, American Chemet, East Helena, MT, now active as consultant
- Dr. Larry Frank Brown
PhD in Range Plant Ecology (Ecophysiology) from Colorado State University (1974), President of L.F. Brown & Assoc. Inc.
- Joel M.G. Brown
retired petroleum engineer

United States continued

- James Brucher
technology and business consultant for over 30-years in the telecommunications, transportation, aerospace, software, defense, manufacturing, and biotechnology industries.
- Gerald Brunetto
Retired after lifetime career in engineering & building nuclear & fossil fuel fired steam power plants
- Clifford Brust
Director of Engineering at Defense Engineering Corporation
- James W. Buell
PhD, Aquatic Biologist, Consultant
- Robert Bugiada
Senior Process Engineer at R.C. Costello & Assoc. Inc
- Frits Buningh
Data Research Specialist
- Bohdan Burban
retired geologist. Field geologist/manager with decades of experience in exploration (minerals & coal), mine development (gold, copper, coal & magnesite) and environmental monitoring .
- Lior Burko
PhD, Theoretical Physicist
- Dr. H. Sterling Burnett
PhD, Applied Philosophy with a specialization in Environmental Ethics, past Senior Fellow of the National Center for Policy Analysis, now Senior Fellow Heartland Institute
- David Burton
System and Computer Scientist, Expert Reviewer of AR5 and AR6, Member of the CO2 Coalition and Creator of the SeaLevel.info website
- Mark Shane Butler
MA in mathematics, lifetime career in data science
- Barry Butterfield
Civil Engineer Retired
- George Buzel
BS and MS Engineering, Physics and Optics
- Roger Caiazza
Pollution Meteorologist, life time experience in the electric generating business, retired Director of the Environmental Energy Alliance of New York
- Ron Cakebread
mechanical engineer with 35 years in the industrial automation business; experience in modeling, simulation, and analysis of very complex systems
- Sharon R. Camp
PhD, Retired Analytical Chemist and Environmental Scientist
- Nick Capaldi
PhD, Author Books on Logic, the Scientific Method and the Philosophy of Science
- John M. Cape
P.E. former military officer and economics instructor at West Point, Licensed Professional Engineer, Energy Consultant - Upstream Oil and Gas, now writing Net Zero themed novels
- John Carr
Electronic Engineer, specialised in antenna and satellite installations
- Marion G. Ceruti
PhD Chemistry, Retired Research Scientist, Space and Naval Warfare Systems Center Pacific
- Dr. Francis Cheng
Professor of Chemistry with specialties in carbon materials, batteries and energy conversion, University of Idaho
- Mitchell R. Childress
Archaeologist and Cultural Resource Environmental Compliance Specialist, Commonwealth Heritage Group
- Prof. Krishnan Chittur
emeritus-professor in chemical engineering and biotech, Univ of Alabama Huntsville, cofounder of medical diagnostics startup (genecapture)
- Terigi Ciccone
Engineer, author of "A Hitchhiker's Journey Through Climate Change," and a proud former Sierra Club member
- Prof. Claudio Cioffi-Revilla
PhD, DSc Pol, Distinguished University Professor Emeritus at George Mason University
- Roy Clark
Climate Researcher, Retired Engineer, California
- Bob Cohen
Certified Consulting Meteorologist (CCM), MS in physical oceanography from Texas A&M University and a BS in meteorology from Penn State University
- Dr. Richard Collingham
PhD in Engineering, Professor for 16 years teaching Graduate Level Heat Transfer and Fluid flow courses
- David Collum
PhD in Chemistry, Professor of Chemistry (organic/organometallic chemistry)
- Sabin W. Colton
PhD, Biochemist and Marine Biologist
- Michael Combs
Major, US Air Force, Retired; Retired Lockheed Missiles and Space Company Environmental Protection Auditor
- Gary Cooke
MSc. Geophysical Sciences, Laboratory analyst and manager, studied sea level curves since the 1980s
- George Copeland
PhD, Electrical Engineering, Computer Architect, Software Architect, Physicist, retired

United States continued

- Martin Cornell
Retired Senior Scientist, Dow Chemical Company
- David T. Cramer
MS, Instructor of Sociology and Psychology, Pratt Community College
- Daniel Clyde Cummings
M.D. University of Utah School of Medicine, B.A. mathematics, political advocate against all treaties and most legislative proposals to limit use of fossil fuels
- John Curtin
Msc in Economics, lifetime experience in strategic planning and forecasting
- Steven Palmieri, Ph.D., D.O.
MSc & PhD in Chemistry, Doctor of Osteopathic Medicine, Former Chemist & Virologist, Medical Doctor - Retired
- Joseph S. D'aleo
Professor of Meteorology and Climatology at Lyndon Stage College, Founder of Icecap.us, First Director of meteorology of the Weather Channel
- Raphael D'alonzo
Analytical Chemist, Retired Associate Director, the Proctor & Gamble Company
- Stephen Dartt
Retired from 19 years of Chemical Engineering and from 24 years of Teaching Mathematics, Physics, Chemistry & Applied Statistics.
- George Davey
Physicist, University of Iowa
- Donn Dears†
GE Company Engineer, and Senior Executive, Retired, Author of 'Net-zero Carbon, The Climate Policy Destroying America'
- Ken Degraaf
MSc Engineering Mechanics, Structural Dynamics, Colorado House of Representatives, USAF pilot, Instructor: USAFA AP Calc; weather for pilots, Environmental Manager, Michigan ANG
- James Demeo
PhD, Retired Expert in Earth and Atmospheric Science, Oregon
- David Deming
Professor of Arts & Sciences, University of Oklahoma
- Maaneli Derakhshani
Ph.D in theoretical physics and philosophy of physics, Postdoctoral researcher in theoretical physics and philosophy of physics at Rutgers University--New Brunswick
- William Robert Detzner
retired special education teacher, fighter against the continuing reduction of personal freedom
- David Dilley
MSc, Meteorologist-Climatologist-Paleoclimatologist, CEO Global Weather Oscillations Inc.
- M.D. Robert G. Dillon
retired physician and astronomist
- Robert G. Dodge
Attorney
- Pedro Domingos
Emeritus Professor of Computer Science and Engineering, leading AI researcher
- Terry Donze
BS-Geological Engineering, Lifetime Career in Geophysical Consulting
- Michael Down
Petroleum Engineer, lifetime experience in the geo-energy industry
- Jack D. Downing
Geologist and Geophysicist
- Gordon A. Dressler
MSc, 36-year professional career as a rocket and spacecraft propulsion engineer, awarded six patents in the field of rocket propulsion
- Paul Driessen
Senior Policy Advisor, Committee for a Constructive Tomorrow (CFACT) and Congress of Racial Equality (CORE)
- Dr. William Dubroff
PhD Metallurgy, Former Director of Research Inland Steel, Former Asst. Professor Clemson University
- John Dueker
MBA University of Houston, BSEE University of Notre Dame, 45 years of experience in environmental permit compliance
- Murray Duffin
BScEE, MBA, former Corporate Vice President for Total Quality and Environmental Management, Retired
- John Dale Dunn
MD, JD, Lecturer Carl R. Darnall Army Medical Center, Fort Hood, Texas
- Jack Edwards
AI research and development (Retired)
- Stephen Einhorn
Autor of Climate Change: What they Rarely Teach in College, 50 years experience in the Chemical Industry including Mergers and Acquisiti, Venture Capital and a Paint Compa
- Guy Ellison
Second generation oil and gas explorationist
- Prof. James E. Enstrom
PhD, MPH, FFACE, Retired UCLA Research Professor in Epidemiology, President of the Scientific Integrity Institute, Los Angeles
- Kenneth Epperson
Nuclear Engineer
- Richard G. Eramian
BA in mathematics and physics
- Willis Eschenbach
Generalist and Author of many (peer-reviewed) critical Climate Articles with numerous Citations

United States continued

- Vincent Esposito
Adjunct Professor University of Pittsburg, PA, Doctor of Science in Nuclear Engineering (Un. Fo Virginia), Retired Manager from Westinghouse Electric Company
- Douglas Fairbent
Retired Physicist trained in Condensed Matter Theory, PhD (Physics), University of Michigan, 1978
- Dennis Falgout
BS chemistry, MSE air pollution measurement, PhD Photochemistry, Consulting environmental engineer
- Peter Farrell
Fellow of the US National Academy of Engineering
- Ralph English Fisler
professional aerospace engineer
- Edward Patrick Flaherty
American lawyer based in Geneva, litigating against the UN, WMO, WIPO and other IOs on behalf of staff members, whistleblowers and injured third parties
- Rex Fleming
Research Scientist, Author of Book on Carbon Dioxide Fallacy, Retired President Global Aerospace
- Jim Folcik
Geosciences Manager Extraction Oil & Gas
- William Foley
BS and MS in Geology, University of Kentucky, 30 plus years in the energy industry, including experience in uncertainty and probability analysis.
- James Forensky
B.S.E.E. , M.D. Retired Engineer and Physician
- John Fortier
Vice President of Geology/Geophysics
- Michelle Michot Foss
PhD, fellow in energy, minerals and materials at Rice University's Baker Institute
- Dr. Geoffrey Q. Fox
Geoffrey Q. Fox, Retired Neuroscientist, PhD in Anatomy and Physiology from the University of California, Berkeley
- Patrick Frank
PhD, SLAC National Accelerator Laboratory, Stanford University
- Dr. Neil Frank
Lifetime of Experience in Research and Forecasting in Tropical Meteorology, Former Director National Hurricane Center
- Gary Freeman
PhD, Water Resources, President, River Research & Design, Inc
- Robert S. (steve) Friberg
Trend Resources LLC, Resources Exploration Geologist with +55 years of experience in the geological sciences field
- Gordon J. Fulks
Astrophysicist, Board of Directors CO2 Coalition, Co-founder Global Warming Realists
- Lynn Warren Funk
accelerator physicist, climate realist
- Terry Gannon
Physicist, Retired Semiconductor Executive
- Dr. Philip Garrou
PhD Chemistry 1974 Indiana Univ. Retired Director of Technology at Dow Chemical's electronics division. Serves DARPA and the DoD as a microelectronics subject matter expert (SME)
- Louis Genevie
PhD, Epidemiologist, www.LitStrat.com
- Nicholas De Gennaro
PhD, PE, Coastal Engineer, Southport North Carolina
- Prof. Lee C. Gerhard
PhD. in Geology, Retired Getty Professor of Geological Engineering from the Colorado School of Mines and Retired Director and State Geologist of the Kansas Geological Survey
- Ulrich H. Gerlach
Professor of Mathematics, Ohio State University
- Thomas A. Gilliam
PhD, Professor of Accounting, Retired
- Alan Glabe
PhD Organic Chemistry, University of California, Retired
- Dr. William Glassco
PhD in Medicinal Chemistry, former researcher, currently Instructor
- Curtis Fred Goddard
Retired Geologist
- Dr. Indur M. Goklany
Science policy advisor in the US Dept of Interior, Co-developed the work plan for the IPCC's 1st, 2nd, 4th Assm. Reports, Expert Reviewer for several IPCC reports
- Dr. J.D. Gold
lifetime experience in Clinical Psychology; worked in the frontlines of the war against the madness of terrifying people
- Leo Goldstein
MSc in Mathematics, lifetime experience in computer software, computer networks and cyber security. He is also a successful author and start-up founder
- Derek Gordon
CEO HTS Engineering
- Timothy W. Gordon
Retired USAF/USN Veteran, Independent Researcher
- Steve Goreham
Executive Director, Climate Science Coalition of America
- Laurence I. Gould
Professor of Physics, University of Hartford, Past Chair, New England Section of the American Physical Society
- Ronald Graham
Retired Scientist in Physics, Chemistry and Complex Modeling

United States continued

- Jim Granato
Dean of the Hobby School of Public Affairs, University of Houston, lifetime career in research methodology
- William Griffin
Staff Oceanographer US Naval Forces Korea
- Charles F. Gritzner
PhD, Professor Emeritus of Geography, author of the book “Changing Climates” (2010)
- Mike Gruntman
Professor of Astronautics and author, Space Physics and Space Technology, University of Southern California
- Thomas Gyorog
P.E., Project Manager and Designer of transportation infrastructure projects
- Kenneth Haapala
President of the Science and Environmental Policy Project (SEPP), Contributor to the NPCC reports. Energy and Economics Modeler
- Kent Halac
BS Mechanical Engineering, Masters Nuclear Engineering, Executive Masters of Technology Management, Commercial Nuclear Power (Carbon Free Energy)
- Stephen Hallin
Retired from Atmospheric Science (BA 81 MS 91)
- Dale B. Halling
BSEE, MS Physics, JD, Retire Patent Attorney
- Lyle W. Hancock
Professional Mathematician
- Kip Hansen
Independent Science Research Journalist
- Dr. William Happer
Professor Emeritus in the Department of Physics at Princeton University
- Brett T. Harding
Materials Scientist in Sustainable Technology, over 20 granted patents in nanoceramics, OLED, photocatalyst, optical devices, and related materials
- Steven Harford
PhD chemistry and lifetime career in renewable energy and aerospace research
- Richard Harris
PhD, atmospheric physics and chemistry as applied to radiation transport modeling, laser propagation, high power microwave propagation
- Ilana Harrus
PhD Physics, MS In Information Systems, Former Senior Research Scientist Senior Research Scientist NASA Goddard Space Flight Center
- Korbi Hart
Marketing Director Inland Crude Purchasing
- Peter J. Hatgelakas
Masters in Petroleum Engineering, petroleum geologist, geophysicist, and petroleum engineer at Hatgelakas Consulting
- Bryan Haycock
PhD, Adjunct Faculty at a University in the state of Utah
- Howard C. Hayden
Emeritus Professor of Physics, University of Connecticut
- David Heald
Retired Electrical Engineer
- Donald R. Healy
BS, Degree in Forest Management from Oregon State University, Participated in Anthony Watts’ first Surface Station Project
- Dennis E. Hedke
CEO-Hedke Geoscience Consulting, LLC, presented the 2018 testimony on Seal Level Rise before the Committee on Environmental Protection of the New York City Council
- Tony Heller
Geologist, electrical engineer, climate communicator at realclimatescience.com
- Edward G. Helmig
Environmental Engineering Professional in the field of Industrial Water Treatment and Environmental Protection
- Oliver Hemmers
Retired Executive Director of the Harry Reid Center at the University of Nevada, Las Vegas
- James D. Henry
Consulting Geologist, BS Geology, U Texas Austin, 1970, founder of Old Aulacogen, L.P. in 1991
- Glenn C. Hillam
Big Data Architect/Scientist
- Gary L. Hoe
PE, Retired Colonel USAF, Technical Director of several Nuclear Weapon Effects Tests at the Nevada Test Site, Member Scientists for Accurate Radiation Information (SARI)
- Harald Hoegberg
Independent Geologist
- Aaron Hogue
PhD, Associate Professor, Department of Biological Sciences, Salisbury University
- Jim Hollingworth
Social Scientist, Book: ‘Climate Change: A Convenient Truth’
- Dr. Gary M. Hoover
Geophysicist, Lifetime Experience in the Geo-Energy Industry, Retired Member Board of Directors Geo-Service Company
- Christopher Paul Horger
lifetime experience in optical network design
- Jerry C Hornbuckle
Retired Rocket Scientist

United States continued

- Walter Horsting
Energy Expert, CEO of Global Village Utilities, Large Technology Projects Developer for 4th generation Thorium applications.
- Captain Thomas C. Houghton
USNR (Rtd), Qualified Nuclear Engineering Officer; Sr. Director, Reactor Programs, Nuclear Energy Institute
- J. Stephen Huebner
PhD, Retired Research Geologist, U.S. Geological Survey
- Edward Huff
PhD, Retired NASA Senior Scientist
- John Hunt
MD, pediatrician, former tenured Associate Professor of Pediatrics, medical missionary, patent holder, and writer about contamination of science by politics
- S. Fuller Hunt
Biology Teacher at Preparatory High School of Mathematics, Science, Technology and Careers, Calabash, North Carolina
- Richard W Hurst
PhD, Emeritus Professor of Forensic Environmental Geochemistry and Planetary Sciences, California State University, Los Angeles
- Clare Livingston (bud) Bromley Iii
BS Natural Sciences, scientific instruments
- Gamaliel Isaac
PhD, Retired senior software engineer of the Department of Radiology of the Hospital of the University of Pennsylvania
- Anthony Robledo Iv
MSc, Environmental Scientist, United States Environmental Protection Agency
- William Ivers
PhD Scripps Oceanography, ocean current computer modeler, software designer, entrepreneur, economist, artificial intelligence innovator
- Jim Janota
Developing and improving petroleum based Chemicals, Plastics and applications
- James Jaskie
Career in renewable energy, over 50 patents in solar cells and other solid-state devices.
- Byron Jenkinson
PhD, consulting soil scientist , patent holder of Indicator of Reduction in Soils, (IRIS tubes)
- Randy Johnson
Retired VP of Engineering and Geoscience Technology at two Fortune 500 independent oil companies
- Laurence N. Johnson
Lt Col, USAF (Ret), MS in meteorology, MSE in aerospace engineering
- Stephen Albert Johnston
BS Molecular Biology, Phd Genetics, Phd Plant Breeding/Genetics, Postdoc Biochemistry, CEO, CSO Inventor
- John Joyce
Climate Narrative Challenger
- Frank Yates Jr
Past President of Yates Petroleum Corporation
- Robert L. Bradley Jr.
CEO and Founder of the Institute for Energy Research
- John Droz Jr.
Physicist, Founder of AWED Alliance
- Guy K. Mitchell Jr.
graduate mechanical engineer and physicist with extensive research in the field of anthropogenic global warming
- Dr. Neil J. Mccarthy Jr.
Financial Consultant at N J Mc Carthy & Assoc, PhD in Organic Chemistry Cornell University
- Walter Kailey
BA Physics with Honors, PhD Astronomy, Physicist, Inventor and high performance Computing Specialist
- Thomas Karr
Principal Director of Critical Technology for the Undersecretary of Defense for Research and Engineering(ret.), and MITRE Chief Scientist for Sensing and Directed Energy.
- Kerry Kelly
Geology degree, Energy and Environment Professional
- James Kelly
PhD Physics, data science executive
- Kathryn E. Kelly
President Delta Toxicology
- Michael L. Kelly
US Navy, BS, Tool Design Engineer (retired)
- Hugh Kendrick
PhD, Retired Director Plans and Analysis, Office of Nuclear Reactor Research, US Dept. of Energy, Fellow American Physical Society
- Robert Kernodle
independent researcher in public health issues.
- Kevin T. Kilty
Adjunct Prof. Mechanical Engineering at University of Wyoming
- Fred Kinsley
Retired Geologist (MSc)
- Kevin Kirchman
Editor of the Climate Science Journal, more than a decade in renewable energy engineering
- Floyd Lee Knapp
BSc Portland State University, 300 level Geography and Climatology
- Stephen C. Knowles
Marine Scientist and Geologist, Beacon, New York
- Kenneth D. Kok
retired Nuclear Engineer, ASME Fellow, Past Chair of the ASME Nuclear Engineering Division and the ASME Energy Committee
- Mark Konya
P.E., B.S. Ed. Mathematics, B.S. Physics, M.S. Nuclear Engineering, M.A. Physics

United States continued

- Alex Kozinski
Retired Judge on the US Court of Appeals
- Wayne P. Kraus
Member American Institute of Chemical Engineers (AIChE)
Geoscientist and Energy executive for 45 years. Key interests in paleoclimate, climate change and energy policy. Currently a member scientist in the CO2 Coalition.
- Ernest Laflure
retired Oceanographer and Meteorologist (US Navy), Geologist with US Bureau of Land Management
- Kirk Laird
Retired Program Director for the Physical Oceanography Program at NSF: Tropical Ocean/Global Atmosphere (TOGA), and World Ocean Circulation Experiment (WOCE).
- Richard Lambert
MSc Geophysics
- Richard Lang
PhD, Emeritus Professor of Geochemistry, Depts. of Chemistry, Geochemistry, and Environmental Sciences, Colorado School of Mines.
- Prof. Donald Langmuir
Consultant and President of Hydrochem Systems Corp
- Dirk Van Leenen
Doctorate in Horticulture, Author of 5 books latest title: The Nonsense of Global Warming and Climate Change
- David R. Legates
PhD, Retired Professor of Climatology in the Department of Geography and Spatial Sciences at the University of Delaware, Cornwall Alliance for the Stewardship of Creation
- Jay Lehr†
PhD, Senior Policy Analyst for the International Climate Science Coalition, Former Science Director of the Heartland Institute
- David P. Lentini
Chemist and Patent Attorney, New Hampshire
- Dr. David H. Lester
PhD in Chemical Engineering, Advisor to allaboutenergy.net
- James M. Leverentz
Instructor UCI, Manager, California
- Ulf Lindqwister
PhD theoretical particle physics, Princeton University, Business executive with 30+ years of industry experience
- Harry Lins
PhD, U.S. Geological Survey (Retired), Past-President, Commission for Hydrology, World Meteorological Organization
- Ramon Lopez
PhD, Distinguished Professor of Physics, expert in space physics and space weather modeling,
- Robert M. St. Louis
MSc in geology, owner of Mine Water Consulting LLC
- Howard R. Lowe
Prof. Eng., Geologist
- Ronald J. Lukas
BS-Physics, PhD-Biophysics; Founder and CEO, Molecular Matters AZ
- Anthony Lupo
PhD Atmospheric Science, Professor of Atmospheric Science, University of Missouri
- Dean Lusby
IT professional, business owner, Pennsylvania
- James Macneal
15 United States patents, founding and Managing Partner at Pangaea Gases, LLC
- Frank Madarasz
Ph.D. (Ret) Condensed Matter Theoretical Physics
- Michael Maguire
Meteorologist/Scientist/Trader at MarketForum
- Jeffrey Mahn
Retired Nuclear Engineer Sandia National Laboratories (New Mexico), Member Scientists for Accurate Radiation Information (SARI), Member Nuclear Society (ANS)
- Matt Malkan
PhD, Distinguished Professor of Physics and Astronomy, UCLA
- Michael Maller
Professor Emeritus of Mathematics, Queens College, CUNY
- John Maney
Doctorate in Analytical Chemistry, career in environmental sampling, analysis and data quality
- Wally Manheimer
Retired from the US Naval Research Lab and life fellow of APS and IEEE, Author of "Mass Delusions, how they harm sustainable energy, climate policy, fusion and fusion breeding"
- Prof. Paul Manner
MD FRCS, Joint Replacement/Hip and Knee Arthritis, Department of Orthopaedics and Sports Medicine, University of Washington
- James A. Marsh
Emeritus Professor of Immunology, Cornell University, Dept. of Microbiology and Immunology
- David Martinovich
General Science Teacher, grades K-12, United States, China, and Belize
- Chris Martz
Meteorologist and policy analyst for the Committee for a Constructive Tomorrow (CFACT), SIGNATORY 2000 OF THE DECLARATION
- David Matthews
BS Meteorology and Oceanography, MS PhD Atmospheric Sciences, Manager, River Systems and Meteorology Group, Bureau of Reclamation, US Department of the Interior (Retired)

United States continued

- John Mauert†
PhD in Atomic and Molecular Physics, 20 years experience as a physicist, currently business owner in statistical analysis and software
- David Mauriello
Geologist, researcher and public speaker against the corruption in science, government and the media
- Kirk Maxey
BS Organic Chemistry, MD, President and Founder of Cayman Chemical Inc
- Andy May
Writer and Retired Petrophysicist
- Donald May
BS, PhD Chemistry, Research Fellow. (Retired)
- Gene Mccall
Consultant to the Defense Science Board, Former consultant to the Department of Energy on Issues related to Inertial Fusion
- William Mccann
PhD Seismology, lifetime career in Earthquake Hazard modeling and analysis
- Craig Mccluskey
PhD, Physics
- Richard Mcfarland
Retired NASA Physicist
- Sean Mcgrew
Analytical Chemist, lifetime career in Chromatography/Mass Spectrometry, applications to semi-volatile organic compounds in the environment
- Edward P. McMahon
PhD, career in remote sensing from spacecraft, and super computing analyses of physical phenomena
- Dr. Michael Meichle
PhD in Physics, Research Imaging Scientist
- Mark Meier
PhD, Professor of Physics, University of Houston
- Samuel H. Melfi
Emeritus Professor of Physics, UMBC, Retired NASA Scientist
- Kenneth Melvin
MD, Retired Professor of Medicine, Portland, Oregon
- Dr. Daniel M. Merfeld
BSME U Wisconsin-Madison, MSE Princeton, PhD MIT, neuroscientist/ neuroengineer, former Professor at the Harvard Medical School, Professor at the Ohio State University
- Dr. Peter B. Merkle
Associate Professor in environmental science and engineering at the School of Engineering at Benedictine College
- Rodney Michael
COL, US Army Medical Corps, Retired
- Patrick J. Michaels†
Competitive Enterprise Institute, Washington DC
- Miodrag Micic
PhD Chemistry, Professor of Engineering Design Technology at Cerritos College in Norwalk, California and Life Sciences Marketing Executive
- Edward Mickelson
Ph.D., Technology Transfer Professional, Oil & Gas Industry
- Christopher Miller
PE, CEM, CBCP, Registered Professional Engineer for the Power and Energy Industry
- Steven Milloy
MHS, JD, LLM, Publisher
- Ference M. Miskolczi
Retired NASA/AS&M Senior Scientist, Foreign Associate Member of the Hungarian Academy of Sciences
- Michael J Mitchell
Mechanical Engineer
- Josh Mitteldorf
PhD, theoretical astrophysics, Independent scientist in computer modeling, Visiting scholar at MIT's Department of Earth, Atmospheric, and Planetary Sciences
- Matthias Mixon
BBA Degree, University of Mississippi
- Michael Monce
PhD in Physics, Emeritus Professor of Physics, Astronomy, and Geophysics, Connecticut College
- Brian Moody
Former GET Specialist for SMS Equipment in Ft McMurray
- David Moore
PhD Physical Chemistry, Los Alamos Laboratory Fellow, lifetime career in molecular spectroscopy of materials at extreme conditions as well as trace detection of illicit materials
- James Moore
Commercial Fisherman, President Alaska Trawlers Association, Executive Committee Northern Southeast Regional Aquaculture Association, Board member Amstrong Keta Inc.
- James R. Morris
Geophysical Exploration Oil & Natural Gas
- Thomas L. Moser
Retired NASA Senior Executive, Program Manager of the Space Station and Space Shuttle, Founder of the "Right Climate Stuff", a group of former NASA Engineers & Scientists
- Steven Mosher
first American social scientist to conduct field research in China, exposed human rights abuses in China's one-child policy.
- David R. Motes
Chemical Engineer, lifelong experience in the geo-energy industry

United States continued

- Steve Mroczkiewicz
PhD in entomology, Crop Protection Field Research Scientist, student of climate change and climate policy
- James F. Mundy
Retired Meteorologist
- Daniel W Nebert
Emeritus Professor of Gene-Environment Science, University of Cincinnati College of Medicine and Cincinnati Children's Hospital, Ohio
- Prof. Eric L. Nelson
PhD, Assistant Clinical Professor, Department of Public Health Sciences, University of California
- Gregg Neuendorf
Retired Chemical Engineer, Cleveland
- Danny L. Newton
Retired from Federal Aviation Administration (FAA), Experience in Working with NOAA with respect to Experimental Weather Data Collection
- Richard Nicholson
MD University Of South Alabama 1988, Family Medicine
- Ned Nikolov
PhD, Physical Scientist at the USFS Rocky Mountain Research Station in Fort Collins, CO, Managing a Fire-Weather Intelligence Project
- Paul Noel
Research Scientist (retired)
- Jesús Ochoa
MSc Earth Sciences
- Thomas O'connor
Member American Association of Petroleum Geologists, Washington
- Sidney Oldberg
BME, MSE, MSEE
- Kenton Oma
Retired PE Chemical Engineer, Environmental Engineering, Environmental Consultant, R&D at DOE Nuclear Facility
- Jane M. Orient
President of Doctors for Disaster Preparedness
- Tench C. Page
MSc & BSc in Geology including study of causes and effects of earth's climatic history
- Charlie Pappis
retired Semiconductor Industry Executive
- Trueman D. Parish
Retired Director of Engineering Research Eastman Chemical Company
- Arvid Pasto
PhD in Ceramics, Retired from the Oak Ridge National Laboratory, TN
- Chad M. Paton
PhD, Associate Professor at University of Georgia
- George Pazos
Surgeon
- Bill Pekny
MSc Physics, Retired Atmospheric Physicist, former U.S. Navy Meteorologist and Hurricane Hunter, Author of the book: A Tale of Two Climates—One Real, One Imaginary
- Pawel Penczek
PhD in Physics, Retired Profesor of Biochemistry and Molecular Biology
- Charles W. Pennington
Senior Vice President of Engineering NAC International (Retired), Secretary, XLNT Foundation, Board of Directors
- Morgan Perry
MS, MBA, Founder and CEO of Stratus Aero, LLC an aviation technology company focusing on aerial directed energy for human betterment, patents in aerial directed energy.
- Jeffrey S. Philbin
Retired Nuclear Engineer Sandia National Laboratories, Independent Consultant in Nuclear Facility Design and Safety Analysis, Nuclear Criticality Safety and Weapon Response
- Richard Phillips
Retired Thoracic Surgeon, Active Public Health Advocate
- Dr. Robert B. Phillips
retired from radio astrophysics, specialised in calibration and validation of orbital IR and visible sensors (GOESS, STSS-1 and -2)
- Nina Pierpont
MD, PhD. Ecology and medicine. Author, Wind Turbine Syndrome: A Report on a Natural Experiment.
- James Richard Poirier
BS degree in Meteorology, Lifetime Career in Atmospheric Science
- James M. Policelli
Registered Professional Engineer
- Herman A. Pope
Retired Aerospace Engineer NASA-JSC
- Willem Post
Independent Researcher regarding Energy and Environment
- Darrell Potter
Retired Geologist/Environmental Hydrogeologist
- Dr. William H. Pound
PhD Major in Industrial Engineering with Minor in Materials Science
- Dr. Victor Privalsky
PhD in math, PhD in physics, lifetime career in applications of theory of random processes for analysis and extrapolation of scalar and multivariate time series
- Kenneth L. Purdy
Management Consultant, Retired Naval Officer in Operational Intelligence
- Dr. Marisol Quintanilla
PhD, Assistant Professor of Nematology, Michigan State University
- Jilong Rao
PhD in Geochemistry from Yale University... A retiree in Virginia.
- Michael Rath
BS in Forest Management, Michael Rath, 55 years in Forest Management

United States continued

- Brian D. Ray
PhD in science education from Oregon State University, Salem
teacher of physical science at high schools in Malaysia, Liberia, and
various high schools in California, most prominently at Davis Senior
High School.
- Wayne Raymond
Scientist with degrees from UCLA in Physics (BS) and Engineering
(MSE and PhD), lectured at UCLA and California State University as an
Adjunct Professor
- Dr. George Rebane
lifetime experience in the US energy industry in technical research and
development, market development, marketing and consulting
- Edward A. Reid
professional career as a petroleum and petrochemical toxicologist.
- Fred A. Reitman
Commissioner (Retired), US Nuclear Regulatory Commission
- Forrest J. Remick
PhD in Organic Chemistry, Retired
- Dan Reynolds
Ph.D. in Geomechanics, B.S. in Hydrology, expertise in modeling
complex phenomena under uncertainty
- Dr. Douglas Rigby
PE, CEG MS, Geological Engineering, Member of the Boards of
Consultants for the Federal Energy Regulatory Commission
- David K. Rogers
PhD from Northwestern Univ, Evanston IL related to photosynthesis
IT expert
- Dr. Jennifer Runquist
Emeritus Professor of Nuclear Engineering, Georgia Institute of
Technology
- Marius Russo
MSc, lifetime career in earth sciences and engineering
- James H. Rust
Retired Radiobiologist, Author of Radiobiology and Radiation
Hormesis: New Evidence and Its Implications for Medicine and Society
(Springer)
- Ralph Sacrison
MA, Scientists for Accuracy in Radiation Information (SARI), Associate
Editor, 21st Century Science and Technology Magazine
- Charles L. Sanders
PhD in Physics, Chief Engineer with major corporation and author of
numerous technical papers.
- Rick Sanders
MD, PhD, research theoretical physicist in unpredictability of complex
systems; director of a Sterling Institute neuropsychiatric facility.
- Dr. Steven Saterlie
Executive Director at Gulf Offshore Research Institute (GORI)
- Jeffrey Satinover
PhD Theoretical Physics, Founder and Principal Scientist of The
Society for Post-Quantum Research
- Kent Satterlee
BS Marine Biology, PhD Toxicology, Toxicologist who has participated
in the assessment of environmental impacts of chemical releases
- Hans Schantz
Certified Management Accountant
- John Schell
Degreed Mining Engineer with more than 40 years of experience
- Jesse Schilling
Co-Founder and Chief Visionary Officer of Primary Ocean Aquaculture
division and Primary Bio Agriculture - Agriculture division
- Mike Schimmelpfennig
retired IT professional
- Brian Schmidt
PhD, Emeritus Professor of Economics, North Carolina State University
- Harold Grant Scoggins
PhD Systems Science, Modeling and Analysis of Complex Systems
- John Seater
Automotive Engineer, Simulation of Safety Critical Systems
- Mark W. Sellers
Retired BS Electrical Engineering, Southern Methodist University 1960
Dallas Texas
- Mr. Gregory Semrau
Civil Engineer with Career in Nuclear Power, Public Education about
Fossil Fuels including question of man-made Global Warming and
Nuclear Power through Website: allaboutenergy.net
- Edwin T. Sewall
PhD Applied Science, Retired.
- John A. Shanahan
meteorologist and portfolio manager
- William Sharp
PhD in Physics at MIT, Chairman, Science & Environmental Policy
Project, involved in energy-related research for 45 years
- Roscoe M. Shaw
Ecologist, USDA-Agricultural Research Service; Editor-in-Chief of the
international journal-Rangeland Ecology and Management
- Dr. Thomas P. Sheahen
MD, MMSc, FACS, Professor of Ophthalmology, Microbiology &
Immunology, Eastern Virginia Medical School
- Dr. Roger Sheley
Meteorologist (CCM) and Atmospheric Researcher
- John D. Sheppard
Institutional Investor
- John Shewchuk
Environmental Attorney with a Masters of Law in Environmental Law
practicing in the air emissions field
- Stephen W. Shipman
- Ryan Shrout

United States continued

- Dr. Matthew Eric Shultz
University of Delaware, Dept. of Physics & Astronomy, specialised in Stellar Astrophysics, Annie Jump Cannon Fellow
- David Siegel
author, entrepreneur, critical thinker, communicator
- Hal Simeroth
PhD in Ethics, Graduate Engineer, 45 years of research science and engineering with patents in geological logging instrumentation and geophysical exploration methodologies
- Benjamin Slivka
Retired, MSc Computer Science, “Angel” Investor with 20 start-ups in 56 countries
- Robert J. Smith
Bachelor of Physics, Aircraft test and evaluation engineer
- Elliot Smith
airline pilot, climate realist, 30+ years of studying AGW data
- Robert P. Smith
PhD, PE, Environmental Scientist and Professional Engineer
- Professor William H. Smith
Professor of Earth & Planetary Sciences, Astronomer and Planetary & Atmospheric Scientist, involved in the Analysis of the Earth’s Climate and Renewable Energy Systems
- Nicholas Smith-Sebasto
PhD, Retired Professor of Environmental and Sustainability Studies
- John Smyth
Consultant
- Willie Soon
Independent Scientist
- Prof. George Sowers
PhD, Space Resources, Colorado School of Mines
- Prof. Rick Bernard Spielman
Senior Scientist & Professor of Physics, University of Rochester, Laboratory for Laser Energetics
- Dana H. Saylor Sr.
a lifelong agriculturalist, retired, article “Living a lifetime of climate change”
- Kirk Douglas Stahnke
MS Educ. Prof of Design Tech (Retired), Independent Climate Researcher
- Walter Starck
PhD, Marine Science, Pioneer in Coral Reef Studies, Policy Advisor to The Heartland Institute
- Jess L. Stark
Founder and CEO of Stark Industries, Houston, Texas
- Doug Stearns
PE, Natural Gas Consultant
- Jim Steele
Emeritus Director Sierra Nevada Field Campus, San Francisco State University
- Phil Stegemoeller
Professional Forester, Partnership with the Quinault Indian Nation, a BS in forest management at the University of Minnesota, 1979
- Ronald Stein
Professional Engineer, Policy Adviser to Heartland Institute on Energy, and Co-Author of the Amazon 5-Star rated books “Energy Made Easy” and “Just GREEN Electricity”
- Kenneth S. Stevens
PhD, Professor, University of Utah, Electrical and Computer Engineering Dept
- Brent K. Stewart
PhD, Professor Emeritus, Radiology, University of Washington School of Medicine
- Jonathan Stigant
BSc Engineering Science
- Kenneth Stoller
MD - Lifetime Fellow, American College of Hyperbaric Medicine, author of Incurable Me (Skyhorse 2016)
- David Stubbs
MSc Physics, Sr. Research Scientist, Aerospace Materials and Nondestructive Testing, Retired
- Gerald M. Sulzer
MS Chemical Engineer, Retired Director of Technology, Albemarle Corporation
- Soames Summerhays
Marine Biologist, Film Maker
- Stephen Sutton
a participant in competitive energy markets, patent holder of a rotational movement multiplier device.
- Dr. Daniel P. Taggart
PhD in Experimental Plasma Physics, life time career in Controlled Thermonuclear Research and Radiation Protection at Los Alamos National Laboratory
- Tomer D. Tamarkin
Physicist, Founder and President/CEO of Energycite Inc., President and Chairman of ClimateCite Inc.
- Paul Taylor
Energy Economist, Recipient Rossitor Raymond Award, San Clemente, CA
- Bradley Thomas
M.A. Air Pollution Meteorology
- M. Ray Thomasson
Certified Petroleum Geologist; Certified Petroleum Geophysicist. Recipient of Michael T. Halbouty Award from AAPG and Heroy Award from AGI. Distinguished Alumni from MU/UW.
- Edward Thompson
PhD, DIC, Mechanical Engineering , retired

United States continued

- Francis Thompson
 - David E. Thompson

 - Roane Thorpe

 - Gordon Tomb

 - Cecil Joe Tomlinson
 - Frank Trask
 - Kip Trout
 - Karl Michael Frederick Truitt

 - Richard Trzupek
 - Mark Twaalfhoven
 - Mark Ulmer
 - Jeffrey Vaughan
 - Peter Villucci

 - Arthur Viterito
 - Dariusz Vogelsinger
 - Brian Volkman
 - Whitson G. Waldo

 - William B. Walters

 - James Wanliss
 - R. Peter Weaver
 - Robert Webster

 - Steven E. Weismantel
 - Isaac William Wells
 - Dr. Steven C. Wendelken
 - Gary S. Westerman

 - Stephen H. Westing
 - Jim Whiting

 - Dr. Matthew Wielicki

 - Chuck F. Wiese
 - Brock Williams

 - David Williams

 - Jeff Wilmer

 - Steven Wilmoth
 - Kevin Wilson

 - Kennard V Wilson
 - Terry Winters
 - David Wojick
 - Dr. Calvin M. Wolff

 - Michael Wood

 - Peter Wood
- Space Vehicle Engineer, Masters in General Relativity
- Professor Emeritus Mechanical Engineering and Computer Science, Dean Emeritus College of Engineering, University of Idaho
- BSME California Polytechnic, MBA University of California, lifetime career in global energy projects
- Energy and climate writer, communications consultant, primary editor of Inconvenient Facts and Senior Advisor for the CO2 Coalition
- Retired Boeing Senior Principle Engineer
- BS Degree in Mechanical Engineering, University of Maine
- Lecturer in Physics, The Pennsylvania State University – York Campus
- BSEE, IEEE, US Veteran, 6 US Patents, Climate Data Researcher, Host of the The Climate Change Hoax Podcast
- Chemist and Air Quality Expert
- Executive CEO Technology Companies
- Esq., Mayor of Miami Shores, Florida, 1999-2001
- Petroleum Geologist California
- MSc. Organic Chemistry, Lifetime science and communications professional
- PhD, Physical Geography, Policy Adviser to the Heartland Institute
- Psychologist
- PhD, Professor of Biochemistry, Medical College of Wisconsin
- Scientist and Engineer with MS Chemical Engineering from Clemson Univ, lifetime career in the semiconductor industry, owner of 13 awarded patents
- Guggenheim Fellow, Professor of Atmospheric, Nuclear and Environmental Chemistry, University of Maryland
- Professor of Physics, Presbyterian College
- lifetime career in energy, energy policy and sustainable operations
- More than 65 years of interest in Meteorology and Climatology, Author of “Looking Out the Window”, an evidence based defense of CO2 charged with being a climate change force
- Retired Engineer and Climate Researcher
- Lawyer in International Law and Foreign Affairs
- EPA, OGWDW/TSC, climate realist
- PhD, physical geography with specializations in climate science and remote sensing
- PhD, Director Medical Affairs, Regeneron Pharmaceuticals, Inc.
- MD from McGill U, Montreal, Fellow of the American College of Radiology
- PhD in Geochemistry from UCLA, Assistant Professor of Geological Sciences at the University of Alabama
- Professional Meteorologist
- PhD, Lifetime research scientist with subjects from molecular to population pathology with a special interest in immunopathology and atopic disease
- PhD, University Distinguished Professor Emeritus, Oregon State University
- B.Sc. Physics, Post Undergrad Studies: Atmospheric Physics & Chemistry, Industrial Capitalist and Innovator
- Certified Petroleum Geologist
- PhD in Geological Sciences, Retired, former Professor and Researcher on Plate Tectonics, Paleoclimate and Paleoceanography
- retired from Los Alamos National Laboratory
- PhD in Chemistry, Writer, Member of CO2Coalition
- Cognitive Scientist
- Adjunct Professor University of Houston at Clear Lake, Expertise in Energy Management
- BScHE, MBA; former lead technical engineer in development of space station and space launch vehicles
- PhD, President, National Association of Scholars

United States continued

- Gregory R. Wrightstone
- Walter Yarbrough
- Dan Youra
- Karl Zeller
- Ronald B. Zelt
- Matthew Ziska
- Hannes Zuercher
- Bob Zybach

Expert Reviewer IPCC, Geologist, Author, Executive Director CO2 Coalition

PhD, retired from Penn State

publisher Youra media, creator and editor of Carbon Tax News

PhD Research Scientist

Hydrologist, retired PH-WQ, U.S. Geological Survey (retired).

PhD, Director of Environmental Health and Safety at Elevation Labs

PhD Geophysics, Independent Geophysicist

Program Manager, Oregon Websites and Watersheds Project Inc.



1 SIGNATORY FROM VIETNAM

1 Signatory

- Dr. Thi Thuy Van Dinh

PhD in Law, Master in environmental law, University of Limoges, former official of the UN Secretariat



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