

World Climate Declaration

THERE IS NO CLIMATE EMERGENCY

2013 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:

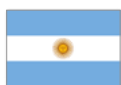
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TOTAL SIGNATORIES 2013



5 SIGNATORIES FROM ARGENTINA

5 Signatories

- Dr. Cristián Antiba
- Mauro Borsella
- Aldo Brandani
- Rosa Compagnucci

Research professor at national universities and educational institutes
Environmental Consultant & Auditor

Coastal Specialist and Environmental Scientist

PhD in Meteorological Sciences, Climate Researcher, Full-time
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- Sergio Heguilén

MSc, Director of Ecoativo Environmental Consulting, specialized in
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wastes



185 SIGNATORIES FROM AUSTRALIA

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- Viv Forbes

Geologist with Special Interest in Climate, Founder of www.carbon-sense.com, Queensland, Australia

- Ian Plimer

Professor Earth Sciences, The University of Melbourne

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- Michael Astén
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- Jeremy Barlow
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Physician and Medical Director of Kingscliff Health, New South Wales,
Author of a number of Climate-related papers

Retired Teacher, Programmer

Research Scientist

retired metallurgist and strategic planner

Retired Professor in Geophysics and Continuing Senior Research
Fellow at the Monash University, Melbourne

retired teacher and manager of a small business

PhD, Senior Ship Designer, Sea Transport Corp.

PhD, former academic medical researcher operating as a freelance
researcher in environmental health since 2012.

industry researcher for many years but recently a high school
educator.

Energy and Mining professional, Director and CEO

Geologist, Retired Civil Engineer with Experience in Project Control,
Research and Professional Training, Honorary Fellow RMIT University,
Australia

Director GCB Investments Pty Ltd.

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

Retired Geologist, Victoria

PhD, Biologist and Environmental Scientist, Educator and University
Lecturer in Sciences, Biology, Environmental Sciences, Water Quality
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Professional Engineer

Engineer, Member of Parliament, Queensland State Parliament,
Engineer, Farmer and Entrepreneur

Member Explorers Club of New York, Member of the Australian
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Organizer of a Critical Climate Group

Exploration Geoscientist, Fellow AusIMM (CP), 50 Years Global
Experience

- Gordon Batt
- Maxwell c.s. Beck
- Robert m. Bell
- Karen Benn

- Richard Blayden†
- Colin Boyce

- Howard thomas Brady

- Geoff Brown
- Andrew Browne

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- Frank Brus
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- Paul Callander
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Organic Chemist, Honorary Fellow University of Queensland
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lifetime active as Geologist; Dr. Creech informs the public by giving presentations on Climate Change
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Earth Scientist, Specialist in Geochemical Modelling of Volcanic Processes
- Dr. Geoff Deacon
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- David H. Denham
lifetime experience as Architect (B Arch), active in giving talks and writing opinion articles on climate change
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- Trish Dewhurst
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- Andrew Gillies
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- Brendan Godwin
Weather Observations and General Meteorology, Radio (EMR and Radar) Technical Officer; Retired from Bureau of Meteorology
- Hamish Grant
MR Spectroscopy & Imaging Consultant, Victoria
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- Lindsay Hackett
BSc, Author of the paper "Global Warming Misunderstood" and the paper "The Impact of Greenhouse Gases on Earth's Spectral Radiance"
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Managing Director at Happs
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- Art Raiche
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Geoffrey Sherrington, Retired Chief Geochemist, Geopeko Limited
- Jim Simpson
Retired after 45 years in the international Telecoms industry - OTC(A), then Telstra. Nowadays Convenor, The Climate & Energy Realists of Five Dock, Sydney Australia
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- Case Smit
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- Peter Smith
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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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University Lecturer in Spatial Technology, Responsible for State Government Precise Monitoring of Sea Level and International Sea Boundaries
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Retired Environmental Scientist with specialization in Aquatic Chemistry and Environmental Consequences of Renewable Energy
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- P.c. Wilson
Former Journalist with the A.B.C. Queensland
- Lawrence a. Wilson
Professional Chemical Engineer, Melbourne
- Philip Wood
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
- Dr Michael Wort
BSc Geology, MSc Mineral Process Design, PhD Mineral Technology, Geologist interested in impact of high levels of atmospheric CO₂ as trigger for formation of limestone deposits



10 SIGNATORIES FROM AUSTRIA

10 Signatories

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- Dr. Ernst Hammel
Career in Physics and Nanotechnology, patent holder and author in multiple scientific publications
- Dr. Gerhard Kirchner
Berg Ingenieur, Climate Realist
- Dipl Ing, Dr rer techn Heribert Martinides
European Space Agency, retired
- Rudolf Posch
PhD, Retired Software Engineer of a Technical Multinational, Expert in Nonlinearities and Feedbacks
- Dr. Eike Roth
PhD in Physics, Lifetime career in Nuclear Energy
- Helmut M. Sauseng
MSc Physical Chemistry, entrepreneur, activist in civil society
- Hans Dirk Struve
Dipl. Ing., Mechanical Engineer with large experience in business
- Dr. Joseph Laszlo Szekeres
MD, PhD, Associate Professor at Medical University of Vienna, President of Vienna Medical Association
- Konrad Falko Wutscher
Doctor of Engineering Sciences, specialist in treatment of water and wastewater



1 SIGNATORY FROM BANGLADESH

1 Signatory

- Prof. Dr. Aftab Alam Khan
PhD, Active Professor Geological Oceanography, BSMR Maritime University, Retired Professor of Geology and Geophysics of Dhaka University



1 SIGNATORY FROM BARBADOS

1 Signatory

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



40 SIGNATORIES FROM BELGIUM

2 WCD Ambassadors

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- Ferdinand Meeus
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38 Signatories

- Rudy Berkvens
Information Security and Quality Management Auditor in ICT and Aviation, Commercial Pilot, Flight Instructor
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Retired Civil Engineer
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Biologist, Computer scientist, experienced business consultant and change manager, director of two NGOs around awareness for, and protection and restauration of fragile ecosystems
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- Alain Colignon
Eur. Ing. MSc Electronics-ICT, Network engineer/manager, retired since 2024
- Rudi Creemers
PhD in Molecular biology and serial entrepreneur
Former Chemical Process Automation Engineer, Akzo Nobel Chemicals
- Benjamin Damien
Professor of Energy Geopolitics at the Free University of Brussels
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Civil Engineer Applied Mechanics, Retired lecturer in thermo- and aerodynamics
- Drieu Godefridi
degree in business administration and economy, retired coach of companies in increasing the effectiveness of their organization
- Jan Goffa
Science Journalist Specializing in Climate and Energy Transition
- Dr. Volkmar Hierner
MSc Applied Sciences (civil engineer electromechanics), MSc Nuclear Engineering, Reactor Sciences, experienced conventional electric power expert
- Jan Jacobs
Retired biology teacher
- Guy Janssen
Retired Research Director at Lab. Plasma Physics, RMA Brussels and Fellow Lecturer at UMons
- Vincent Kemme
Publicist on Environmental and Climate Issues
- Raymond Koch
Retired Meteorologist, Brussels Airport, Author of the Best Seller Astronomical Algorithms
- Rob Lemeire
Honorary Research Scientist, Honorary Research Director, FNRS, Nuclear Engineering
- Jean Meeus
Geologist & Geophysicist, Independent Scientist
- Ernest Mund
“The agronomist-philosopher” (independent researcher), Agronomist (Soil science)
- Bart Ooghe
Psychologist and Writer
- Luc Opdecamp
Microcomputed Tomography Scientist, FNRS Senior Research Associate in Chemical Physics
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Civil Engineer and Environmental Engineer
- Eric Perpète
MSc in Energy Science, Retired engineer. Lifetime career in industrial process water treatment and energy projects
- Paul Plissart
Emeritus hoogleraar, Weer- en Klimatkunde, KU-Leuven, 1966-2002
- Michel Pollyn
PhD in Geology, Emeritus Professor at Université Libre de Bruxelles
- Dr. Hugo Poppe
MSc. Engineering, lifetime career in energy conversion system development
- Alain R. Prétat
Computer Tomography Scientist, Kontich
- Danie Roettger
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Civil Engineer Retired CEO ‘RESPRO Languages & Consultancy’, Team H2 SALK/ ThinkTank/Engineering
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PhD, Chemistry, Author
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Retired Specialist in Space Weather
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PhD in Molecular Biology, Free University of Brussels
- Jean van Vliet
Senior Development Engineer
- Dr. Marc Wathélet
- Appo van der Wiel



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



22 SIGNATORIES FROM BRAZIL

1 WCD Ambassador

- Dr. Thiago Maia

Nuclear Physicist, PhD in Astrophysics

21 Signatories

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- Richard Jakubazsko
- Dr. George Lentz Cesar Fruehauf
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- Adelino de Santi
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- Marcello Silva Sader
- Daniela de Souza Onca
- Igor Vaz Maquieira

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)

Master and Ph.D. in Material Science, Industrial Chemist, Emeritus Collaborating Professor of Postgraduate Studies in Mechanical Engineering at UFABC

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

Physicist, Professor at the Federal Institute of Education, Science and Technology of Ceará (IFCE), Retired Associate Professor of the Federal University of Ceará (UFC)

PhD in Aerospace Engineering, Professor for Solid and Structural Mechanics, University of São Paulo

Geographer, Master in Climatology, Environmental Consultant

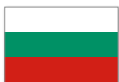
BSc Biology and Ecology, MSc Applied Ecology, Biologist, works with environmental education, licensing, restoration, sustainability management and staff supervision

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

- Ivan Daraktchiev
- Fabrice Toussaint

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

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



149 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

147 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

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
Zoologist and Polar Bear Expert, Former Adjunct Professor University of Victoria
Ingénieur Géologue, Goldminds
Technical College, Design Engineering-Mechanical Engineering, President of National Zephyr Research
former veterinarian, scientific translator, author, and free-lance journalist.
BSc Pysics and Mathematics, MSc Geoscience, PhD Geophysics and Astrophysics, awards for research on cosmology and fundamental physics.
Professional Chemical Engineer, President of Friends of Science Society

- Susan Crockford
- Hortense Côté
- Norman Curry
- Charles Danten
- John bruce Davies
- Ronald Davison

Canada continued

- Dr. E. david Day
BSc, PhD, Chemistry
- A.e. Dixon
PhD, Emeritus Professor of Physics, University of Waterloo
- Eric Ducharme
MSc, Géologie, Abitibi
- 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
- Craig a. Elliott
MSc Mechanical Engineering, Design Consultant, President at CAElliott 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 p. 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>
- 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
- 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

Canada continued

- 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, BASc, 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.
- 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

Canada continued

- 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 james 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, Géologue 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 Shepherd 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, Geophysicien
- Petr Vaní?ek 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
- Robert Wager BSc and MSc, Microbiological Sciences and Immunology, Biochemistry and Molecular Biology, Retired
- Dr. Helen Warn PhD in Fluid Dynamics from McGill University
- Dr. Thorpe w. Watson material science, lifetime career in the mining industry with focus on intellectual property protection
- Larry Weiers energy engineer, retired, author of "Sustainability of the Modern Human Economy"
- William van Wijngaarden Professor of Physics, York University

Canada continued

- Kenneth w. Wilson
- Daryl Youck
- Al Zeeper

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

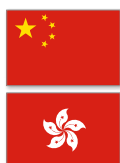
- Douglas Pollock

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 Croation 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/>



20 SIGNATORIES FROM CZECH REPUBLIC

20 Signatories

- Ladislav Bocak

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

Czech Republic continued

- Pavel Dudr
- Jiri Duspiva
- Marek Eiderna
- Tomas Furst
- Ketil Haarstad
- Václav Hubinger
- Pavel Kalenda
- Václav Klaus
- Peter Kopa
- Tomáš Kvítek
- Lubos Motl
- Václav Procházka
- Dr. Milan Šálek
- Ivan Spicka
- Dalibor Štys
- Gary m. Vasey
- LL.M. Šefrna Vladimír
- Ing. Miroslav Žáček
- Josef Zboril

Ing, Independent publicist and climatologist / Pravy prostor, EP Shark/
expert in safety of nuclear installation
Agricultural Engineer and graduated in General Biology
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 Budějovice
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., applied 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
- Niels Harrit
- Sören Kjærsgaard
- Johannes Krüger
- Knud Larsen
- Peter Loch
- Peter Kjær Poulsen
- Steen Rasmussen
- Niels Schrøder
- Pavel Svennerberg

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
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

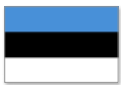


1 SIGNATORY FROM ECUADOR

1 Signatory

- Fernando Villon

MSc, Industrial Engineer, Lifetime Experience in the Geo-Energy Industry



2 SIGNATORY FROM ESTONIA

2 Signatory

- Jaak Henno
- Andres Saukas

PhD, Mathematician, Information Technology
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
- Hervé Azoulay
- Guy Barbey
- Jean-Pierre Bardinet
- Yorik Baunay
- Bernard Beauzamy
- Serge Bellotto
- Guy Bensimon
- Jean-Claude Bernier
- Pierre Beslu†

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

Engineer (CNAM), Specialist of Networks and Systemics, CEO and President of several Associations

Alumnus of Harvard Business School, Retired Investment Banker, Founder and President of 'Climate et Vérité'

Ingénieur ENSEM, Publicist on Climate Issues

Geographer (Master 2) specialized in the natural risk and crisis management, CEO of Ubyrisk Consultants (firm specialized on natural hazard mitigation)

University Professor (Ret.), Chairman and CEO, Société de Calcul Mathématique SA (Paris)

PhD, Geology

Retired Associate Professor of Economics at Institute of Political Studies of Grenoble (SciencesPo Grenoble)

Emeritus Professor (University of Strasbourg), Former Director of the Institute of Chemistry of the CNRS

Former Researcher and Head of Department in the French Nuclear Energy Commission (CEA)

France continued

- 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 Piere-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 (ENSAM), 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
- 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.

France continued

- Jean Gergelé
Engineer Graduate from the Ecole Centrale de Lyon, R&D Director, Freelance Consultant, mainly in the Li-ion battery development
- Christian Gerondeau
Former Advisor of several French Prime Ministers, Formerly responsible for the Road Traffic Safety Policy for France and the European Union
- Francois 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 Chateaux 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 Guéron
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
- 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

France continued

- 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
- Jean Rouquerol Emeritus Research Director at CNRS Marseille, Expert in Gas Adsorption and Calorimetry
- Georges de Sablet Retired Associate Professor at University of Paris Descartes, formerly in charge of Operating Systems and Networks at IUT Paris
- Jorge Julian Sanchez Martinez PhD in Physics, Msc in Solid State Physics MSc in Maths
- François Simonet PhD, Biology, Former Director for Planning and Foresight in a State Agency for Water and Aquatic Ecosystems Management
- Zakaria Tarif Scientific engineer specialized in electrical energy and telecommunications
- Luc C. Tartar Mathematician, corresponding member of Académie des Sciences in Paris, University Professor of Mathematics emeritus at Carnegie Mellon University, Pittsburgh, PA
- Marcel Terrier Ex Engineers in Industry, Former Teacher at the Douai School of Mines
- Michel Thizon Chemical engineer, ACR (Association des Climato-Réalistes, France) member, former researcher at the Ecole Polytechnique, consultant, retired
- David Uzal PhD philosophy of technics and PhD of practical philosophy
- Etienne Vernaz Former Director of Research of CEA (Commissariat à l'Énergie Atomique) in France, Professor at INSTN (Institut National des Sciences et Techniques Nucléaires)
- Camille Veyres Retired Engineer at École des Mines, specialist in Telecommunications and Broadband Networks
- Werner de Ville Vreden writer ("Afrika"), developer and author
- Brigitte van Vliet-Lanoë Geoscientist, Emeritus Research Director (CNRS, Université de Bretagne Occidentale), Stratigraphy and Palaeoenvironments, Quaternary and Holocene
- Théa Vogt Retired CNRS Searcher, Géomorphology, Quaternary Palaeoenvironments, Soil and Desertification Remote Sensing
- Henry Voron Retired Civil Chief Engineer, specialized in Water Management



123 SIGNATORIES FROM GERMANY

1 WCD Ambassador

- Fritz Vahrenholt

Professor (i.R.) am Institut für Technische und Makromolekulare Chemie der Universität Hamburg

122 SIGNATORIES

- Detlef Ahlborn
- Prof. Dr. Peter Altmiks

PhD, Expert on German Energy Transition (Energiewende)

Professor of Economics, FOM Hochschule für Oekonomie und Management Hannover

- 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-jürgen Bandelt
- Dietrich Bannert
- Graham George Baumber

Emeritus Professor of Mathematics, University of Hamburg

Professor Honoris Causa, University of Marburg

former agronomist & irrigation crop specialist, business man & investor

- Dr. Lars Birlenbach
- Michael Bockisch
- Klaus-dieter Böhme
- Thomas Brey
- Stephan Bujnoch

Dr. in Chemistry, University of Siegen

Emeritus Professor Chemistry at the Technical University of Berlin

Dipl. Physicist, professional experience in X-ray spectroscopy

PhD in Natural Sciences (Dr. rer. nat), Marine Ecological Researcher

Wirtschaftsingenieur (i.e. a combination of economics and engineering), retired manager with the automotive industry

Emeritus Professor of Physical Chemistry at the Leibniz Sozietät der Wissenschaften zu Berlin, e.V.

- Martin Bülow
- Eike-mattias Bultmann
- Prof. (i.R.) Dr.rer.nat Eberhard Burkel
- Dr. Arthur Chudy
- Dr. Günter Dedié
- Prof. Dr. Hans Demanowski

Geoscientist

Prof. (i.R.) Dr.rer.nat , Physics of New Materials, University of Rostock

Agricultural Chemist, OT Warsaw

Dipl. Physiker

Engineer, Professor of Packaging Technology, BHT, Berlin, expert in Counterfeit Protection, holder of several Patents in this field

Physicist retired, PhD, patent holder in fingerprint analysis, work on relation between CO2 emissions and concentration

- Dr. Joachim Dengler
- Dr. Ing. Rolf Diederichs
- Prof. Dr. Klaus d. Döhler†
- Wolf Doleys
- Joerg Dornemann
- Jörg Eichner
- Friedrich-karl Ewert
- Ludwig e. Feinendegen
- Dr. Dieter Freundlieb

Studie Eisenhüttenkunde in Clausthal-Zellerfeld, climate realist

Professor of Pharma Sciences, University of Hannover

Retired teacher (high school, college) and writer (essay, poetry, novel)

Msc in Geology, lifetime career in the Geo-Energy Industry

Specialist in situational awareness in crises and risk management

Emeritus Professor Geology, University of Paderborn

Emeritus Professor Medicine

retired senior lecturer Griffith University, School of Humanities, Brisbane, Australia

- Gerhard Gerlich†
- Axel robert Göhring
- Dr. Klaus-jürgen Goldmann
- Dr. Christian Habermann
- Dr. Uwe Häcker
- Eberhard Happe
- Hermann Harde

Emeritus Professor of Mathematical Physics, TU Braunschweig

Doctor of Natural Sciences, EIKE e.V.

worldwide experienced petroleum geologist

Dr. in Economics, Investment Manager

Physicist/IT Specialist

Eisenbahningenieur

Emeritus Professor of Experimental Physics and Materials Science, Helmut Schmidt-University, Hamburg

- Prof. Dr. Bernd Hartke

Professor in Theoretical Chemistry, Expert Knowledge in Computer Modelling, University of Kiel

- Manfred Hauptreif
- Dr. fleck Helmut

Natural Scientist

langjährige berufliche Tätigkeit als Projektkoordinator in einer Großforschungseinrichtung

- Dennis j. Hendricks

Graduated Engineer of Environmental Technologies, Technischen Hochschule Ostwestfalen-Lippe, University of Applied Sciences and Arts

- Dietmar Hildebrand

PhD Biophysics and Nuclear Physics, patent holder in fuzzy logic based surveillance, IT expert and development manager

Germany continued

- Dr. Jens Hofele
- Dr. Andreas Hoppe
- Heinz Hug

- Hartmut Hüne

- Prof. Axel Janke
- Jörg Jensen
- André Karutz
- Professor Dr. Gerhard Kehrer
- Dr. Udo Kienle
- Werner Kirstein
- Prof. Dr. Knut Kleesiek

- Gunther Klessinger
- Dr. André Knoth
- Dr. Torsten Kreer

- Stefan Kröpelin

- Dr. rer. nat. Gunther Kümel
- Max Kupillas
- Ulrich Kutschera

- Jobst Landgrebe

- Wolfgang Laub

- Michael Limburg
- Dr. rer. nat. Rolf Lindner
- Martin Lindner

- Dr. Alf Loeffler
- Prof. Dr. Kai van de Loo

- Dr. Stephan Lorenzen

- Rolf Loschek

- Professor Dr. Knut Löschke

- Horst-joachim Lüdecke
- Hermann Luyken
- Wolfgang Merbach

- Prof. Lothar w. Meyer

- Prof. Dr. med. Marcus Moller

- Jens Möller
- Wolfgang Monninger
- Klaus Morawetz

- Werner Mormann
- Dipl. Phys. Raimund Müller

Chemist, developer of low-carbon cement compositions

Systems biologist, Institute for Bee Research

Chemistry, Master (Diplom Chemiker), PhD (Dr. rer. nat.), lecturer at Paul-Ehrlich-Schule (Frankfurt, Germany), Technical College affiliated to the former Hoechst AG

Author at Eike-klima-energie.eu, Studie über Sonnenwind u Protonen auf das Dipolmagnetfeld mit Nachweis der Zunahme der Sonnenscheinstunden

PhD, professor of evolutionary genomics

Dipl.-Ing. Interested and committed to environmental issues

Chemist, Dr. rer. nat. expert in environmental matters

Retired Physician, Internist and Physiologist

Agricultural Scientist at University of Hohenheim

Emeritus Professor of Climatology, University of Leipzig

Emeritus Professor for Clinical Chemistry and Clinical Biochemistry Ruhr University Bochum

Physicist, University at Regensburg Germany and Boulder Colorado

PhD in Economics and Organizational Science

PhD in physics, 20 years experience in academic research and education, condensed matter physics

Dr. in Geosciences, Free University of Berlin and University of Cologne (Retired), specialized in Climate Change of the Sahara

lifetime career in virus research in the natural sciences

Dipl.-Ing. Masch.-Bau, retired Prod.Ltr.

Professor of Plant Physiology & Evolutionary Biology at the University of Kassel and Visiting Scientist in Stanford USA

Scientist and Entrepreneur specialised in Artificial Intelligence and Theory of Science

Physics (J.W.Goethe University, 1977-1986), Medicine (Physiology-Biomechanics, Max-Planck Institute, 1980-1986), patent holder in different areas

Vice-President EIKE (Europäisches Institute für Klima und Energie)

Chemist

PhD in Chemistry, Dipl. in Chemistry, President of the Bürger für Technik

PhD in Theoretical Physics

Dr. rer. oec. Honorarprofessor der THGA und Senior Consultant im Forschungszentrum Nachbergbau

PhD Theoretical Biology, Bioinformatician, worked with nonlinear modelling

Ph.D. in Physics with a focus on Geophysics, Astrophysics and Biophysics. Consultant since 2011, currently working in Management of Research Institutions

studied crystallography, chemistry, physics, mathematics and computer science. Honorary professor at the University of Leipzig, dealt with the energy industry and climate change

Professor of Operations Research (i.R.) HTW of Saarland, Saarbrücken

MSc Chemical Engineering

Professor Dr. Agrar. Habil. at Institut für Agrar Ernährungswissenschaften

Emeritus Professor of Material Engineering, Chemnitz University of Technology, Saxony Entrepreneur 'Nordmetall GmbH', Member of the Board of 'Vernunftkraft Niedersachsen'

University Professor of translational Nephrology, RWTH Aachen University, Germany

graduate economist, climate realist

PhD, lifetime career in Petroleum Geology (Exploration, Petrophysics)

PhD Physics, Professor in Theoretical Physics, Quantum Kinetic Theory, Quantum Statistics

Emeritus Professor of Macromolecular Chemistry, Universität Siegen

education in physics and thermodynamics, climate realist

Germany continued

- Holger Neulen retired mechanical engineer
- Prof. Dr.rer.nat Dr.med Peter Nielsen retired Biochemist and Physician from the Universital Hospital Hamburg-Eppendorf, medical faculty of the University of Hamburg
- Rainer Olzem Diplom-Geologe, Aachen
- Flo Osrainik Bestselling Author & Journalist
- Hans Penner PhD, Dipl.-Chem. Dr. rer. nat., Linkenheim-Hochstetten
- Lutz Peters Businessman with intensive experience as investor in carbon chemistry
- Dr. Dr. Wätzold Plaum Physicist and YouTuber
- Michael Principato MSc. in Electrical Engineering, specialised in control engineering and modeling
- Dieter Ramcke retired geophysicist
- Siegfried Reiprich Dipl.-Ing, Geoscientist and Oceanography
- Mathias Ricking Dr. rer.nat Geoscience, Environmental Geoscientist
- Andreas Salzman Dr. rer. nat. , Diplom Chemiker
- Prof. Dr. Dieter Schildknecht Professor of theoretical Physics, University of Bielefeld
- Dr. Hendrik Schlesing Environmental Expert and Consultant
- Dr. Martin Schmidt PhD Physics, industrial career of research, development and production of hightec products and subsequently 22 years CEO of Möller-Wedel, a German medical company
- Christoph Schmidt MSc Mathematics, JWG-University Frankfurt
- Hans joerg Schmidt Chemical Engineer and Autor of certain books, explaining atmospheric energy exchange and providing arguments against global warming caused by mankind
- Dr.-Ing. Stefan Schmidt Senior Numerical Modeller of Unsteady Turbulent Flows
- Dr. Jens-christoph Schneider PhD in Isotope Chemistry, life time career in palaeoclimate and atmospheric geochemistry
- Dr. rer. nat. Michael Schnell Retired Chemist
- Prof. Dr. Dr. Karl-heinz Schulz University Hospital Hamburg-Eppendorf, interdisciplinary research in Medicine, Psychology and exercise science (<https://www.researchgate.net/profile/Karl-Heinz-Schulz-2>)
- Thomas Schulze Thomas Schulze, Dr. phil., Selbständiger Berater und Dozent
- Dipl. Psych. Ulrike Schwan Professional psychotherapist, psychotherapist look at the IPCC organization
- W.h. eugen Schwartz Emeritus Professor of Theoretical Chemistry, Universitaet Siegen
- Dr.-Ing. Christian Singewald Dipl.-Geologist, PhD Mining Engineering
- Attila Sonal Dipl.-Ing. der Elektrotechnik, Retired am Technischen Universität Kaiserslautern, Stadtratsmitglied Kaiserslautern, Preisträger Ansaldo Ricerche Price
- Dr. Fritz Sontheimer Retired Physicist, PhD in Condensed Matter Physics
- Dr. Gerhard Stehlik PhD Natural Science Physico-Chemiste
- Dr. Wolfgang Strehlau Phys. Chemist, Technology Fellow in Johnson Matthey Plc, UK
- Lothar Streng strategy and concept developer, full time writing on a large SF project
- Manuel Tacanho founder and president of the Afrindependent Institute
- Matthias Thiermann Parliamentary adviser in the Bavarian Parliament
- Dr. Holger Thuss President EIKE Institute
- Dr. Martin Treiber PhD in Physics, Professorship of Econometrics and Statistics
- Jost Trier PhD, Retired Experimental Physicist at the Federal Institute in Braunschweig, Dept. of Atomic Physics
- Ralf d. Tscheuschner† PhD in Physics
- Dr. Stefan Uhlig Geologist
- Helmut Waniczek Dr. Dipl. Ing., Scientist, working 40 years in chemical industry
- Ulrich o. Weber Exploration Geophysicist with lifetime interest in Paleoclimate
- Silvio Weeren Diplom in Physics, former IBM environmental affairs Germany, former chairs of EMI3 and ECMA TC38
- Thomas Weimer Process Engineer (Dr.-Ing.), worked on CO2 capture from atmosphere and during hydrogen generation
- Toon Weisenborn PhD in Theoretical Physics, Emeritus scientist

Germany continued

- Carl-otto Weiss
- Roland Wiesendanger
- Dr. Peter Willingmann
- Lutz Wimmer

Emeritus Professor in Non-linear Physics, Advisor to the European Institute for Climate and Energy, Former President of the German Meteorological Institute, Braunschweig
Professor of Experimental Physics, University of Hamburg, Germany
Dr. rer.nat
MSc Climate- and Environmental Change (Geography)



23 SIGNATORIES FROM GREECE

1 WCD Ambassador

- Dr. G.-Fivos Sargentis

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

22 Signatories

- Prof. Dr. Stavros Alexandris
- Dr. Andreas Angelakis
- Ioannis Benekos
- Michalis Chiotinis
- Antonis Christofides
- Dionysis Drosos
- Costas Fasseas
- Anthony Foscolos†
- Chris Fytas
- Christos D. Georgiou
- Dr. Vassilios C. Kelessidis
- Dr. Christos J. Kolovos
- Emmanouil Kopanakis
- Prof. Demetris Koutsoyiannis
- Aristotelis Liakatas
- George Maglaras
- Prof. Nikos Mamassis
- Charilaos Markopoulos
- Spyridon Nikiforos
- Dr Miltiadis Nimfopoulos
- Sonia Perez†
- Michael Sidiropoulos

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
Architect Engineer NTUA, PhD Candidate, Department of Water Resources and Environmental Engineering, National Technical University of Athens
PhD, Senior developer with decades-long research activity on the Climate
Emeritus Professor of Moral and Political Philosophy, Aristotle University of Thessaloniki
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
PhD in Chem. Engineering, former Professor of Petr. Engineering at, Khalifa University Abu-Dhabi, Texas A&M at Qatar, Technical University of Crete Greece
Independent Energy Consultant, Mining & Metallurgy Engineer, Former Director of Mine Planning & Contractor Works Dept., PPC SA/WMLC, ck-energy.blogspot.com
Mechanical Engineer, Teacher at the Environmental Education Center of Karpenisi Germany continued
Professor Emeritus of Hydrology and Analysis of Hydrosystems at the National Technical University of Athens
Emeritus Professor of the Agricultural University of Athens on Agrometeorology, Member of the Greek Agricultural Academy
Associate Director in Bioresources and Waste Management in multinational multidisciplinary engineering consultancy
Professor of Engineering Hydrology and Hydrometeorology at the National Technical University of Athens
MSc in Waste Management
Economist, MBA
PhD in Earth, Atmospheric and Environmental Sciences, lifetime career in Applied and Environmental Geochemistry
PhD, Biology/Immunology, Scientific Coordinator Cancer Immunology and Immunotherapy Center Saint Savas Cancer Hospital, Athens
Principal Engineer, FortisBC



2 SIGNATORIES FROM GUATEMALA

2 Signatories

- Jorge Chapas
- Christopher Lingle

agronomist, environmental economics specialist, writer, spokesman of climate realism and conservative politician.
PhD Economics Universidad Francisco Marroquín



9 SIGNATORIES FROM HUNGARY

1 WCD Ambassador

- Laszlo Szarka

Geophysicist, O.M.

8 Signatories

- Dr. Dezso Csejtei
- Dr. Endre Fuggerth
- István Héjjas
- Tom Kauko
- József Király
- Dr. József Majer
- Gábor Simon
- Dr. Gábor Szász

retired professor of philosophy at the University of Szeged
lifelong experience in gas-chromatography
PhD, Retired R&D Electrical Engineering
PhD Geography, Independent Researcher based in Budapest
Chemical Engineer and one of the Authors of the Hungarian site www.klimarealista.hu
Senior Professor of Ecology and Environment Protection at University of Pecs
MSc Chemical Engineering, University teacher General, Anorganic, Environmental and Analytic Chemistry
Professor Emeritus, College Professor Dennis Gabor College
Department of Economics and Engineering



1 SIGNATORY FROM ICELAND

1 Signatory

- Dr. Helgi Tomasson

PhD in Econometrics/statistics, Estimation and Computation in time-series models



5 SIGNATORIES FROM INDIA

5 Signatories

- Dr. M.M. Ali
- Dornadula Chandrasekharam
- Vijay Jayaraj
- Prem raj Pushpakaran
- Sanjeev Sabhlok

MSc in Meteorology and Oceanography with a PhD in Meteorology, Center for Ocean-Atmospheric Prediction Studies, Florida State University, USA
retired professor from Indian Institute of Technology Bombay, currently working in Izmir Institute of Technology as TUBITAK Professor working on geothermal energy systems
Research Associate at CO2 Coalition, Contributor to Cornwall Alliance
PhD in BioTechnology, Professor
Economist with focus on Climate and Energy Policy



2 SIGNATORIES FROM INDONESIA

2 Signatories

- Dr. Dr Paul D Giammalvo
- Purwono Wahyudi

PhD, CDT, CCE (#1240), MScPM, MRICS, Senior Technical Advisor, retired
Entrepreneur and informed climate realist



20 SIGNATORIES FROM IRELAND

1 WCD Ambassador

- Jim O'Brien

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

19 Signatories

- Tom Baldwin

Electrical Engineer, Specialist in Power System Security

Ireland continued

- dr. Dr Timothy Dunne
- Gerald Fitzgibbon
- David Horgan
- Seamus Hughes
- Mark Gerard Keenan
- Ultan Murphy
- Donal O'Callaghan
- Owen O'Brien
- Patrick L. O'Brien
- J. Philip O'Kane
- Peter O'Neill
- Fintan Ryan
- Christian Schaffalitzky
- Dr. Norman Stewart
- Brian N. Sweeney
- Pat Swords
- Sean Tangney
- David Thompson

PhD Psychology, Consultant Clinical Psychologist working in private practice in Dublin

Physical Chemist specializing in Electrochemistry and Thermodynamics

MA (Cambridge), MBA (Harvard), Resource Company Director

BAgricSc, Specialist in Genetics

Former Science Advisor, Department of Energy and Climate Change, U.K., Former Environmental Affairs Officer, United Nations Environment Division, Geneva, Switzerland

BSc (Hons) Chemistry, Industry Science Professional

electrical engineer, retired food industry research scientist

Business Founder and Entrepreneur, MBA, DBA

MSc, MPhil, Senior International Environmental Consultant

Emeritus Professor, School of Engineering, University College Cork

Retired, School of Engineering, University College Dublin, Expert Reviewer of IPCC AR6

Retired Senior Airline Captain, Fellow Royal Aeronautical Society

FIMMM, Founder Institute of Geologists of Ireland, EurGeol

PhD, former astrophysicist and meteorologist

Founding Chairman of Science Foundation Ireland

BE, CEng, FIChemE, PPSE, CEnv, MIEA, Challenger of Over-Reach in Environmental Legislation

Business Entrepreneur, Former Technical Director, CRH plc

BAgricSc, MA, Animal Nutritionist



8 SIGNATORIES FROM ISRAEL

8 Signatories

- Dr. Gaby Avital
- Uriel Cohen
- Prof. Yonatan Dubi
- Yakov Itenberg
- Micha Klein
- Avner Niv
- Nir J. Shaviv
- Yehoshua Socol

PhD in Aerospace, member of the Israeli forum for rational environmentalism

MSc in Computer Science from Technion - Israel Institute of Technology

PhD, Professor of Theoretical Physics and Chemistry at Ben-Gurion University, co-founder of the Israeli Forum For Rational Environmentalism

BSc of Meteorology and Climatology, MSc of Physics Education, 25 years reserve meteorological officer of Israeli Defense Forces Home Front Command

PhD, Emeritus Professor, The Department of Geography and Environmental Studies

PhD of Solid State Physics, Research scholarship awarded by Ministry of National Infrastructures, Energy and Water Resources. Industrial multidisciplinary experimental researcher

PhD in Physics at the Israel Institute of Technology, Professor of Physics at the Racah Institute at the The Hebrew University of Jerusalem

PhD, Multi-Disciplinary Physicist and Public Health Researcher



210 SIGNATORIES FROM ITALY

1 WCD Ambassador

- Alberto Prestininzi

Professor of Geological Risks at Sapienza University of Rome, former Scientific Editor in Chief of the International Journal IJEGE, Director Research Centre CERI

209 Signatories

- Pietro Agostini
- Aldo Aluigi
- Giampiero Bagni

Ingegnere, Associazione Scienziati e Tecnologi per la Ricerca Italiana

Nuclear Engineer, Consultant in Power Plants, Cogeneration end District Heating

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

Italy continued

• Piero Baldecchi	Lettore
• Achille Balduzzi	Geologo, Agip-Eni
• Antonio Ballarin	Fisico, “Chief Artificial Intelligence Officer” della Pubblica amministrazione
• Donato Barone	Ingegnere
• Sergio Bartalucci	Fisico, Presidente Associazione Scienziati e Tecnologi per la Ricerca Italiana
• Giuseppe Basini	Astrofisico, Deputato, Già dirigente di ricerca dell’INFN
• Francesco Battaglia	Professore di Chimica Fisica, Università di Modena, Movimento Galileo 2001
• Marco Benini	Ingegnere idraulico, libero professionista
• Eliseo Bertolasi	Dottore di Ricerca in Antropologia Culturale
• Giorgio Bertucelli	Ingegnere, già Dirigente Industriale, ALDAI
• Alessandro Bettini	Professore Emerito (Fisica) Università di Padova
• Antonio Bianchini	Professore di Astronomia, Università di Padova
• Luciano Biasini	Emeritus Professor of Numerical and Graphic Calculations, Director of the Faculty of Mathematical, Physical and Natural Sciences of the University of Ferrara
• Mariano Bizzarri	PhD, M.D., is Professor of Clinical Pathology in the Department of Experimental Medicine at University Sapienza, Rome
• Paolo Blasi	Professore Emerito (Fisica) e già Rettore dell’Università di Firenze; già Presidente della Conferenza dei Rettori delle Università Italiane
• Enrico Bongiovanni	Dottore Commercialista
• Paolo Bonifazi	Ex Direttore dell’Istituto di Fisica dello Spazio Interplanetario (IFSI) dell’Istituto Nazionale Astrofisica (INAF)
• Roberto Bonucchi	Insegnante in Pensione
• Giampiero Borrielli	Ingegnere
• Gilles Bourgeois	Professional Engineer with 27 experience in applied thermodynamics in oil and gas
• Francesca Bozzano	Professore di Geologia Applicata, Università di Roma La Sapienza, Direttore del Centro di Ricerca Previsione, Prevenzione e Controllo Rischi Geologici (CERI)
• Antonio Brambati	Professore di Sedimentologia, Università di Trieste, Responsabile Progetto Paleoclima-mare del PNRA, già Presidente Commissione Nazionale di Oceanografia
• Gianfranco Brignoli	Geologo
• Marcello Buccolini	Professore di Geomorfologia, Università di Chieti-Pescara
• Paolo Budetta	Professore di Geologia Applicata, Università di Napoli
• Antonio maria Calabrò	Ingegnere, Ricercatore, Consulente
• Monia Calista	Ricercatore di Geologia Applicata, Università di Chieti-Pescara
• Massimo Canali	Associate Professor of Agricultural Economics and Policy, Department of Agriculture and Food Sciences, University of Bologna
• Dr. Andrea Capodaglio	PhD, Professor, Environmental Engineering, University of Pavia
• Cristiano Carabella	Geologo, Borsista presso l’Università di Chieti
• Peppe Caridi	
• Franco Casali	Professore di Fisica, Università di Bologna e Accademia delle Scienze di Bologna
• Andrea Casini	Lifetime career in electronic engineering and radiocommunications, patent holder in wideband radio signals transmission over fiber optics, Member of The Climate Reality Project
• Giovanni Cassarino	Retired Geologist, former Regione Siciliana Assessorato Beni Culturali ed I.S - Italy
• Guglielmo Castro	Geologist, Retired Professor of Mineralogy, University of Palermo
• Giuseppe Cautero	MSc in Physics, head of the Instrumentation & Detectors Laboratory, Elettra Synchrotron radiation Source
• Dr. Fausto Cavalli	Agronomist, specialisation in meteorology
• Giuliano Ceradelli	Ingegnere e Climatologo, ALDAI
• Augusta vittoria Cerutti	Membro del Comitato Glaciologico Italiano
• Franco di Cesare	Dirigente, Agip-Eni
• Alessandro Chiaudani	PhD, Agronomo, Università di Chieti-Pescara

Italy continued

- Luigi Chilin
 - Claudio Ciani

 - Edoardo Cicali

 - Pino Cippitelli
 - Carlo Colomba
 - Enrico Colombo
 - Vito Comencini
 - Enrico Conti
 - Ferruccio Cornicello
 - Domenico Corradini
 - Carlo del Corso
 - Uberto Crescenti

 - Fulvio Crisciani

 - Salvatore Custodero
 - Roberto D'arielli
 - Francesco Dellacasa
 - Alessandro Demontis

 - Gandolfo Dominici

 - Serena Doria

 - Carlo Esposito
 - Gianluca Esposito
 - Prof. Stefano Falcinelli

 - Antonio mario Federico
 - Aureliano Ferri
 - Maurizio Fiorelli

 - Mario Floris
 - Gianni Fochi

 - Sergio Fontanot
 - Luigi Fressoia
 - Mario Gaeta
 - Stefano Galli
 - Sabino Gallo
 - Stefano Gallozzi

 - Giuseppe Gambolati

 - Alessio del Gatto
 - Rinaldo Genevois
 - Umberto Gentili

 - Enrico Ghinato
 - Mario Giaccio

 - Daniela Giannessi
 - Roberto Grassi
 - Roberto Graziano
- Dirigente in Pensione
Relazioni Internazionali, Scienza Politica, Università di Roma La Sapienza
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• Roberto Madrigali	Meteorologo
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Geologist, Founder of EuGeNe Company in Geothermal Energy
- Prof.Dr.Ir. Jos de Smit
Emeritus Professor of Stochastic Operations Research and Former Rector Magnificus of the University of Twente
- Hendrick Smit
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.
- P.j. Strijkert
Former Member Board of Directors of DSM, Delft
- Dr Hans van Suijdam
Former Executive Vice President Research and Development DSM
- Dr. Harrie c. m. de Swart
Emeritus Professor of Logic and Language Analysis, University of Tilburg, Author of the book 'Philosophical and Mathematical Logic'
- Dick Swart
MSC, worldwide drilling expert, lifetime of experience in the geo-energy industry
- 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
- 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

Netherlands continued

- 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
- 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

New Zealand continued

- Philip Strong
- Hugh Thorpe
- Richard Treadgold
- Ian Wright

Science Research Leader & Member of the New Zealand Climate Coalition
PhD, Retired Civil Engineer-Scientist.
Executive Member NZ Climate Scienc Coalition, Convenor Climate Conversation Group
Professional Geologist



34 SIGNATORIES FROM NORWAY

1 WCD Ambassadors

- Jan-erik Solheim

Professor Emeritus Astrophysics, University of Tromsø – The Arctic University of Norway

33 Signatories

- Gunnar Abrahamsen
- Knut Åm
- Egil Bergsager
- Stein sorlie Bergsmark
- Einar r. Bordewich
- Dr. Hans Borge
- Reidar Borgstrøm
- Dr. Erik Bye
- Ole henrik Ellestad
- John Fuglerud
- Ivar Giaever†
- Jon Gulbrandsen
- Arve gleissner Gustavsen
- Rógnvaldur Hannesson
- Geir Hasnes
- Martin torvald Hovland
- Ole Humlum
- Morten Jødal†

Professor Emeritus Soil Science, University of Life Sciences
Retired Geoscientist, adjunct Professor of Geophysics at the University of Bergen, Norway, Honorary member of The Norwegian Academy of Technological Sciences
MSc of UCLA and University of Oslo, Petroleum Geologist, Director Norwegian Petroleum Directorate, President Rogaland Science Park. Board member of advanced technology companies
Phycisist, Former Head of Renewable Energy Studies Programmes, University of Agder
multidiscipline Engineering
Associate Professor in Mathematics, University of Stavanger
Professor Emeritus in Fishbiology and Nature Conservation, University of Life Sciences
Retired Senior Scientist in Physical Chemistry, Crystallography, Chemometrics and Occupational Hygiene
Physical Chemist. Former Research Director and Professor in Petrochemistry at the Centre for Industrial Research and University of Oslo
MSc in Chemical Engineering, Norwegian University of Science and Technology, career in chemical, mining and IT industry
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
PhD, Biologist, Associate Professor NOFIMA and NOAA (USA)
Msc in Cybernetics, Lifelong Experience in Design and Engineering
Professor Emeritus, Norwegian School of Economics
Adjunct Associate Professor, Department of Engineering Cybernetics, Norwegian University of Science and Technology
Geophysical and Geological Advisor, Former Lecturer at University of Tromsø
Professor Emeritus in Physical Geography, University of Oslo
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
- Olav martin Kvalheim
- Arnfinn Langeland
- Mikael Lindgren
- Oddbjørn Melberg
- Willy Nerdal
- Johannes Oraug
- Egil Pedersen

Emeritus Professor, Chemistry, Bergen University
Professor Emeritus Biology, Norwegian University of Science and Technology
MS Applied Phycs and electronics, PhD Chemical Physics, Prof Applied Physics (Optics) and Biophysics (spectroscopy)
Engineer in several large international oil companies with solid experience in building and using numerical simulation models.
Professor of Chemistry, University of Bergen
Landscape Architect, Researcher for 11 years at the Norwegian Institute for Urban and Regional Research
Dr. Eng. and Professor of Technology at UiT The Arctic University of Norway

Norway continued

- Elen Roaldset
- Ulf torgny Rock
- Gjertrud Røyland
- Håkon gunnar Rueslåtten
- Tom v. Segalstad
- Einar Sletten
- Jørgen Stenersen

Emertitus Professor in Geology, University of Oslo, Former Director of Natural History Museum Oslo, Professor at Norwegian University of Science and Technology

Master of Chemical Engineering, Norsk Hydro

Meteorologist with experience in operational forecasting (1997-2007) from the Norwegian Meteorological Institute.

Geological Researcher, Trondheim

Associate Professor Emeritus of Geochemistry, University of Oslo

PhD, Professor in the Dept of Chemistry, University of Bergen

Professor Emeritus Eco-Toxicology, University of Oslo



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
- Herman Bognot

Professional Chemical Engineer

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



5 SIGNATORIES FROM POLAND

5 Signatories

- Marek Boinski
- Zbigniew Gidzinski
- Jarosław 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

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

Portugal continued

- Henrique Sousa Retired electrical engineer and teacher, wind energy expert and energy consultant
- João José Rodrigues Tilly Mechanical Engineer and Maths teacher



3 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

2 Signatories

- Zonghie Han economist at Daegu University
- Kihong Kim PhD, Professor of Urban Planning and Development



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
- 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



4 SIGNATORIES FROM SLOVENIA

4 Signatories

- Borut Bohanec
- Tadej Ian
- Ján Lakota
- Rafael Mihalič

Emeritus Professor of Biotechnology, active to explain major misinterpretations of scientific discoveries

MA, owner of a green-roof business, political publicist/columnist, and expert in international relations

MD, PhD molecular biology

Professor of Electrical Engineering, University of Ljubljana



14 SIGNATORIES FROM SOUTH AFRICA

14 Signatories

- Dr. Henrique J.S. de Barros Pinheiro
- Prof. Rosemary Falcon
- Dennis Shaun Garisch
- Dr. Hans Hofmann-Reinecke
- Dr. Rob Jeffrey
- Dr. Kelvin Kemm
- Dr. John Ledger
- Prof. Richard Meissner
- Dr. Don Mingay
- Mike Sankey
- Professor Martin R. Sharpe
- Dr. Grant Son
- Dr. Jacques Theron
- Geert F de Vries

Geologist, Invited Associate Professor, Universidade Fernando Pessoa, Porto, Portugal

Emeritus Professor Clean Coal Technology Research Group at the University of Witwatersrand, Director Fossil Fuel Foundation

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

nuclear physicist, author of several books "Grün und Dumm", articles an videos on global warming and alternative energies for the general public

Economic Risk Consultant: Senior Economist and Managing Consultant, leading expert in energy and electricity

PhD, Nuclear Physicist, Chairman: Stratek Global (Pty) Ltd, Pretoria
Visiting Associate Professor at the University of the Witwatersrand, Energy and Environmental Consultant, Consulting Editor, Freelance Writer, Editor and Lecturer

Associate Professor, Department of Political Sciences, University of South Africa

Retired Professor of Nuclear Physics, University of the Witwaterstand. Involved since 1995.

Co- Author of two books : Climate Actually Vol1 Nothing to Fear, Climate Actually Vol 2 The Science Behind it

PhD from University of Exeter, retired Geologist, Geochemist, Analyst and Field Mapper at University of Pretoria, Founder of geological consulting and exploration companies

PhD in Natural Science

Retired Veterinarian

Retired physicist / nuclear engineer



23 SIGNATORIES FROM SPAIN

1 WCD Ambassador

- Blanca Parga Landa

PhD, Modelling Expert, specialist in Environmental Law

22 Signatories

- Bernardo Armero
- Raquel Barquero
- Dr. Saúl Blanco
- Ferran Brunet
- Antonio de la Hoz
- Aitor Ercilla
- Maria Teresa Estevan Bolea

Engineer and Project Leader within Clean Aviation

PhD, lifetime career as nuclear engineer and medical physicist in Valladolid University Clinical Hospital

Associate Professor of Ecology at the University of León

Professor on the European Economy, Unniversitat Autònoma de Barcelona

BSc in in Business and International Economics, activist and expert in economics and political implications of causes and consequences of climate change

climate historian and computer scientist. Researches the importance of climate change in social processes

Engineering award 2019 Royal Spanish Academy of Engineering, World Award 2018 In Engineering WFEO, National Prize in Industrial Engineering 2019

Spain continued

- José-Ramón Ferrandis
- Juan Miguel Gómez Menor Robles
- Antonio J. Huertas
- Isabel López García
- Juan Mallo
- Alexander Keith Martin
- Jose Manuel Miranda Lopez
- Antonio Jesús Muñoz Cobo
- Luis Pomar†
- Alejandro Rodríguez-Gómez
- Manuel Jesús Romero Rincón
- Manuel M. Sánchez del Pino
- Javier del Valle Melendo
- Javier Vinós
- Wynn Williamson



48 SIGNATORIES FROM SWEDEN

1 WCD Ambassador

- Ingemar Nordin

Analyst, Writer, Communicator
PhD in Biology (Botany), High School Head of Department.
Engineer with 35 years experience in Energy Politics and Operation, and Environmental Care
PhD on Chemical Engineering, Assistant Professor of Physical Chemistry and applied Thermodynamics , University of Córdoba
Retired Geologist since 2009, Involved in the creation of the Spanish Association of Climate Realists (ARC)
PhD Geology and Geophysics, Consultant geologist
PhD, Professor at the University Santiago de Compostela , Department of Analytical Chemistry, Nutrition and Bromatology
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
Emeritus Professor of the University of the Balearic Islands, Sedimentologist specialized in the study of Carbonate Rocks which the Impact of CO2 and Paleoclimate
Associate Professor, Universitat Politècnica de Catalunya, Barcelona, Spain
PhD Civil Engineering, Professor at Miguel Hernández University of Elche, Spain CEO at ETRES Consultores
PhD, Department of Biochemistry and Molecular Biology, University of Valencia
Doctor in Climatology, Professor a Centro Universitario de la Defensa
PhD, Scientist and independent climate researcher
co-founder and managing partner of real estate developer BWRE

47 Signatories

- Michael Andersson
- Leif Åsbrink
- Sture Åström
- Erik Axelkrans
- Rolf Bergman
- Dr. Lars Bern
- Joakim Blomqvist
- Magnus Cederlöf
- Tore Dalvåg
- Hans Eklund
- Per-Olof Eriksson
- Dr. Anders Flodin
- Mats Freding
- David D. Gee†
- Anders Grufman
- Jan Hagberg
- Björn Hammarskjöld
- Lars Hässler

Emeritus Professor Philosophy of Science, Linköping University

Bsc in biology, medical doctor, retired Chief Medical Officer at a battalion of the Swedish Airforce
PhD, Technology at KTH in Molecular Physics, Stockholm
MSc, Technology, Professional in Climate Issues, Secretary of the Swedish Network Klimatsans
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
Sr. Design Manager for design and energy solutions within a larger construction company
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'
PhD, Technology, Acting Professor at the Department of Laser-and Electro-optics, Chalmers University of Technology, Gothenburg
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

Sweden continued

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



25 SIGNATORIES FROM SWITZERLAND

25 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

Switzerland continued

- 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
Pharmacist
PhD Earth Sciences, Expert for the Swiss Accreditation Service for geotechnical laboratory analysis
chemist, 15 years research on climate change
40 years experience in Nuclear Power Engineering, Passionate amateur researcher in realistic climate science for more than 10 years
Member of the Permanent Monitoring Panel for World Energy, World Federation of Scientists, Geneva
- Christian Jacot
Professor of Physics for 40 years and co-author of physics-chemistry books intended for teaching
- Fabrizio Jauch
Dr. Math., Emeritus Professor of The History of Philosophy of Sciences, University of Genève
- Markus D. Knecht
Emeritus Professor of Physics, Lausanne
- Dr. Johannis Nöggerath
Entrepreneur and Author of several Books on Organizational Management and Public Policy, Organiser and Chairman of the Portsmouth Conference 2018 on Climate Policies
- Joseph Ongena
Owner Filmcompany
- Jacques Perret-Gentil
Dipl. Ing. Agr ETH, more than 10 years involvement in climate science and climate communication
- Dr. Jean-Claude Pont
PhD in Chemistry, Product Manager
- Dr. Franz-Karl Reinhart
MSc in Physics, ETH Zürich, Geophysics, Specialty in Geothermics
- Claude Roessiger
PhD in Geology, Geol Surace I.R.
- Beat Dominic Roth
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
- Heinz Schmid
(retired), Ph.D (organic chemistry), 27 years at Roche Pharmaceuticals (Principal Scientist)
- Dr. Ralf Lorenz Schmitt
- Thomas Stadler
- Ivan Surace
- Prof. Dr. Eric P. Verrecchia
- Dr. Eric Vieira



1 SIGNATORIES FROM THAILAND

1 Signatories

- Annet Aarts
Biologist



3 SIGNATORIES FROM TURKEY

3 Signatories

- Prof. Kerem Cankocak
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
- Ufuk Cosgun
- Andrew Cullen



170 SIGNATORIES FROM UK

1 WCD Ambassador

- Christopher the viscount monckton of Brenchley
Peer of the Realm and Author of several reviewed papers on Climate

169 Signatories

- Tom Agbabi
PhD, Professional engineer in the energy industry
- Colin Andress
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
Retired Scientist and Technologist
Mechanical Engineer
- Neils c. Arveschoug
- Nigel Banks
- Andrew p. Barker
- John anthony Barney
- Nik Bartley

UK continued

- Nigel Beckwith professional graduate Podiatrist, Post Grad. in Sports Science, Post Grad. in Science Education
- Alan Belk BSc, Mechanical Engineering, MBA, 40 years with a global Industrial Gases, Chemicals and Energy company
- Simon Bevan BSc Oceanography and Geology, WMO Qualified Meteorological Forecaster
- Roshan Bhunnoo Mathematics and Statistics, former Climate Data Analyst at the Meteorological Office
- Paul Binns Former Research Geoscientist and Climate Researcher
- David Blake BSc Applied Chemistry, Chair of East College Group & CME Futures Trader
- David Bodecott Geologist/Geophysicist, Fellow of the Geological Society of London
- Dr. Richard Booth retired Special Merit mathematician in the UK Civil Service
- D.q. Bowen† Emeritus Professor of Earth and Ocean Sciences, Fellow International Union for Quaternary Research, Cardiff University
- Dr Phillip a. w. Bratby Physicist, Member of the Institute of Nuclear Engineers, retired energy consultant
- Michael Brown Expert in Large Scale Thermal Fluid Dynamic Models
- 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
- Robert Davies BSc Airline pilot
- Isabel Davies Geophysicist and Entrepreneur
- Dr Philip george Davies Principal Lecturer in the Department of Computing and Informatics at Bournemouth University
- Jeremy Dawson retired Chartered Engineer with a career in the oil and gas industries
- Dr. Keith p. Dawson Environmental and Agricultural Researcher
- John Dewey Emeritus Professor of Geology at the University College Oxford, Distinguished Emeritus Professor University of California,
- Howard Dewhirst FGS, Geologist, Initiator Open Letter to the Geological Society of London
- James Dillon BSc Physics, DPhil Nuclear Physics, Former research physicist

UK continued

- Gregor Dixon
FGS, Geologist, Former Member Geological Society of London
- Peter Dorey
BSc Physics, Senior Project Manager, (and unpaid educator & Climate Scientist)
- 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
- Peter 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
- John Harrison
Former Chartered Physicist and Chartered Engineer
- Ken Harrison
Retired Chartered Physicist
- Peter Harvey
Project Manager – Renewable offshore wind industry
- Raymond Hayes
BA (Lond) M.Litt (Oxon) FRGS Solicitor Hong Kong and England and Wales

UK continued

- 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
- Zana Juppenlatz
BSc Hons, LLdip, 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
- 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
retd Mechanical Engineer in Turbine Generator Industry. Retd 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

UK continued

- 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
- Blair Nimmo Electronic Engineer, working in Computer Networking and Optical Surface Metrology and Fibre Optics
- 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, Preston

UK continued

- 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
- Professor David Wastell
Emeritus Professor of Information Systems at the University of Nottingham
- Paul White
B.Sc. Physics, Durham University, Retired, Former Higher Scientific Officer Marine Climatology
- Philip linden Wilkes
Life time Experience in Marine Biology
- Jay Willis
Marine Scientist, Associate of the OxNav Group of Oxford University.
- Matt Wood
BSc in Metallurgy & Materials Science, Retired Airline Pilot, Patent holder
- Alison Wright
BSc MSc. Systems Engineer, Energy Policy, Sustainable Development policy.
- Valentina Zharkova
Professor of Mathematics and Astrophysics, Northumbria University, Newcastle upon Tyne
- Ivor Zoefitig
International communications coach specialised in chaodynamics and NLP LP



2 SIGNATORIES FROM UKRAINE

2 Signatories

- Vsevolod Lozitsky
DrSci, Astronomical Observatory of Taras Shevchenko National University of Kyiv, expert in solar physics, solar activity and magnetic field, and solar-terrestrial connections
- Irina Vasiljeva
CSc, Research Fellow at the Main Astronomical Observatory of National Academy of Science of Ukraine, research interests include solar physics



455 SIGNATORIES FROM UNITED STATES

2 WCD Ambassadors

- Dr. John f. Clauser
Nobel Laureate Physicist
- Richard Lindzen
Emeritus Professor Atmospheres, Oceans and Climate, MIT, USA

453 Signatories

- Edward Abbott
MD, Retired obstetrician, BSc in math and chemistry
- Paul berrick Abramson
PhD. in Theoretical (Solid State) Physics, Juris Doctor, Registered Professional Nuclear Engineer
- Dr. Syun-ichi Akasofu
Professor of Geophysics, Founding Director of the International Arctic Research Center of the University of Alaska Fairbanks from 1998 until 2007
- Ralph b. Alexander
Emeritus Professor of Physics, Science Writer
- Chapel Allen
Geophysical Engineer with 49 years experience in earth science
- Michael Anderson
BS Chemical Engineering, PhD Information Science, writes about contemporary American politics, including global warming
- Lincoln Anderson
Macroeconomist and Econometric Model Development
- Michael Antonetti
P.G., Professional geologist for 35+ years in Pennsylvania with Ms in glacial geomorphology
- Anthony j. Armini
Retired Founder and CEO Implant Sciences Corp.
- Bob Armstrong
MS, mathematical psychophysics
- Nicholas Ashcraft
Materials Science and Engineering, Wright State University. Lifetime career in the oil and gas industry
- Dr. Malgorzata Askanas
Senior R&D Associate at the Aurora Biophysics Research Institute

United States continued

- Hans-peter Bähr
Emeritus Professor of Pharmacology, Canada and Former Dean of Basic Medical Sciences, American University of Barbados, Barbados
- George Baker
Emeritus Professor, Applied Science, James Madison University
- Jeffrey Baldwin
petrophysicist and rock physicist specialist
- Lynne Balzer
certification in Biology, Chemistry and Physics, founder of Faraday Science Institute, retired high school teacher (chemistry, physics, biology), adjunct college science professor
- Donna Barr
lifetime career as investigative journalist worldwide
- Dr. Bryan Barrilleaux
MD, Physician of Internal Medicine
- 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
- 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
- Edward x. 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
- 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

United States continued

- 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
- Joel m.g. Brown
retired petroleum engineer
- Dr. Larry frank Brown
PhD in Range Plant Ecology (Ecophysiology) from Colorado State University (1974), President of L.F. Brown & Assoc. Inc.
- 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)

United States continued

- 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
- 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

United States continued

- 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
- Vincent Esposito
Adjunct Professor University of Pittsburg, PA, Doctor of Science in Nuclear Engineering (Un. Fo Viginia), 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

United States continued

- Timothy w. Gordon Retired USAF/USN Veteran, Independent Researcher
- Derek Gordon CEO HTS Engineering
- 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
- 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

United States continued

- 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
- Walter Horsting
Energy Expert, CEO of Global Village Utilities, Large Technology Projects Developer for 4th generation Thorium applications.
- Captain Thomas c. Houghton
USNR (Rtd), Qualfied 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
- S. fuller Hunt
Biology Teacher at Preparatory High School of Mathematics, Science, Technology and Careers, Calabash, North Carolina
- John Hunt
MD, pediatrician, former tenured Associate Professor of Pediatrics, medical missionary, patent holder, and writer about contamination of science by politics
- 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)
- Laurence n. Johnson
Lt Col, USAF (Ret), MS in meteorology, MSE in aerospace engineering
- Randy Johnson
Retired VP of Engineering and Geoscience Technology at two Fortune 500 independent oil companies
- 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
- Dr. Neil j. mccarthy Jr.
Financial Consultant at N J Mc Carthy & Assoc, PhD in Organic Chemistry Cornell University
- 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
- 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
- Kathryn e. Kelly
President Delta Toxicology
- Michael l. Kelly
US Navy, BS, Tool Design Engineer (retired)
- James Kelly
PhD Physics, data science executive
- 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)

United States continued

- 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
P.E., B.S. Ed. Mathematics, B.S. Physics, M.S. Nuclear Engineering, M.A. Physics
- Mark Konya
Retired Judge on the US Court of Appeals
- Alex Kozinski
Member American Institute of Chemical Engineers (AIChE)
- Wayne p. Kraus
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 Laffure
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

United States continued

- 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)
- 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
- James Moore
Commercial Fisherman, President Alaska Trawlers Association, Executive Committee Northern Southeast Regional Aquaculture Association, Board member Armstrong Keta Inc.
- 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

United States continued

- 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
- 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
- Dr. Robert b. Phillips
retired from radio astrophysics, specialised in calibration and validation of orbital IR and visible sensors (GOESS, STSS-1 and -2)
- Richard Phillips
Retired Thoracic Surgeon, Active Public Health Advocate
- 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

United States continued

- 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 I. 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
- Brian d. Ray
PhD in science education from Oregon State University, Salem
- Wayne Raymond
teacher of physical science at high schools in Malaysia, Liberia, and various high schools in California, most prominently at Davis Senior High School.
- Dr. George Rebane
Scientist with degrees from UCLA in Physics (BS) and Engineering (MSE and PhD), lectured at UCLA and California State University as an Adjunct Professor
- Edward a. Reid
lifetime experience in the US energy industry in technical research and development, market development, marketing and consulting
- Fred a. Reitman
professional career as a petroleum and petrochemical toxicologist.
- Forrest j. Remick
Commissioner (Retired), US Nuclear Regulatory Commission
- Dan Reynolds
PhD in Organic Chemistry, Retired
- Dr. douglas Rigby
Ph.D. in Geomechanics, B.S. in Hydrology, expertise in modeling complex phenomena under uncertainty
- David k. Rogers
PE, CEG MS, Geological Engineering, Member of the Boards of Consultants for the Federal Energy Regulatory Commission
- Dr. Jennifer Runquist
PhD from Northwestern Univ, Evanston IL related to photosynthesis
- Marius Russo
IT expert
- James h. Rust
Emeritus Professor of Nuclear Engineering, Georgia Institute of Technology
- Ralph Sacrison
MSc, lifetime career in earth sciences and engineering
- Charles I. Sanders
Retired Radiobiologist, Author of Radiobiology and Radiation Hormesis: New Evidence and Its Implications for Medicine and Society (Springer)
- Rick Sanders
MA, Scientists for Accuracy in Radiation Information (SARI), Associate Editor, 21st Century Science and Technology Magazine
- Dr. Steven Saterlie
PhD in Physics, Chief Engineer with major corporation and author of numerous technical papers.
- Jeffrey Satinover
MD, PhD, research theoretical physicist in unpredictability of complex systems; director of a Sterling Institute neuropsychiatric facility.
- Kent Satterlee
Executive Director at Gulf Offshore Research Institute (GORI)
- Hans Schantz
PhD Theoretical Physics, Founder and Principal Scientist of The Society for Post-Quantum Research
- John Schell
BS Marine Biology, PhD Toxicology, Toxicologist who has participated in the assessment of environmental impacts of chemical releases
- Jesse Schilling
Certified Management Accountant
- Mike Schimmelpfennig
Degreed Mining Engineer with more than 40 years of experience
- Brian Schmidt
Co-Founder and Chief Visionary Officer of Primary Ocean Aquaculture division and Primary Bio Agriculture - Agriculture division
- Harold grant Scoggins
retired IT professional
- John Seater
PhD, Emeritus Professor of Economics, North Carolina State University
- Mark w. Sellers
PhD Systems Science, Modeling and Analysis of Complex Systems
- Edwin t. Sewall
Retired BS Electrical Engineering, Southern Methodist University 1960 Dallas Texas
- John a. Shanahan
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
- William Sharp
PhD Applied Science, Retired.
- Roscoe m. Shaw
meteorologist and portfolio manager
- Dr. Thomas p. Sheahen
PhD in Physics at MIT, Chairman, Science & Environmental Policy Project, involved in energy-related research for 45 years

United States continued

- Dr. Roger Sheley Ecologist, USDA-Agricultural Research Service; Editor-in-Chief of the international journal-Rangeland Ecology and Management
- John d. Sheppard MD, MMSc, FACS, Professor of Ophthalmology, Microbiology & Immunology, Eastern Virginia Medical School
- John Shewchuk Meteorologist (CCM) and Atmospheric Researcher
- Stephen w. Shipman Institutional Investor
- Ryan Shrout Environmental Attorney with a Masters of Law in Environmental Law practicing in the air emissions field
- 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 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
- Robert j. Smith Bachelor of Physics, Aircraft test and evaluation engineer
- Elliot Smith airline pilot, climate realist, 30+ years of studying AGW data
- Nicholas Smith-sebasto PhD, Retired Professor of Environmental and Sustainability Studies
- 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.

United States continued

- 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.
- David e. Thompson
Professor Emeritus Mechanical Engineering and Computer Science, Dean Emeritus College of Engineering, University of Idaho
- Francis Thompson
Space Vehicle Engineer; Masters in General Relativity
- Edward Thompson
PhD, DIC, Mechanical Engineering , retired
- Roane Thorpe
BSME California Polytechnic, MBA University of California, lifetime career in global energy projects
- Gordon Tomb
Energy and climate writer, communications consultant, primary editor of Inconvenient Facts and Senior Advisor for the CO2 Coalition
- Cecil joe Tomlinson
Retired Boeing Senior Principle Engineer
- Frank Trask
BS Degree in Mechanical Engineering, University of Maine
- Kip Trout
Lecturer in Physics, The Pennsylvania State University – York Campus
- Karl michael frederick Truitt
BSEE, IEEE, US Veteran, 6 US Patents, Climate Data Researcher, Host of the The Climate Change Hoax Podcast
- Richard Trzupek
Chemist and Air Quality Expert
- Mark Twaalfhoven
Executive CEO Technology Companies
- Mark Ulmer
Esq., Mayor of Miami Shores, Florida, 1999-2001
- Jeffrey Vaughan
Petroleum Geologist California
- Peter Villucci
MSc. Organic Chemistry, Lifetime science and communications professional
- Arthur Viterito
PhD, Physical Geography, Policy Adviser to the Heartland Institute
- Dariusz Vogelsinger
Psychologist
- Brian Volkman
PhD, Professor of Biochemistry, Medical College of Wisconsin
- Whitson g. Waldo
Scientist and Engineer with MS Chemical Engineering from Clemson Univ, lifetime career in the semiconductor industry, owner of 13 awarded patents
- William b. Walters
Guggenheim Fellow, Professor of Atmospheric, Nuclear and Environmental Chemistry, University of Maryland
- James Wanliss
Professor of Physics, Presbyterian College
- R. peter Weaver
lifetime career in energy, energy policy and sustainable operations
- Robert Webster
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
- Steven e. Weismantel
Retired Engineer and Climate Researcher
- Isaac william Wells
Lawyer in International Law and Foreign Affairs
- Dr. Steven c. Wendelken
EPA, OGWDW/TSC, climate realist
- Gary s. Westerman
PhD, physical geography with specializations in climate science and remote sensing
- Stephen h. Westing
PhD, Director Medical Affairs, Regeneron Pharmaceuticals, Inc.
- Jim Whiting
MD from McGill U, Montreal, Fellow of the American College of Radiology
- Dr. Matthew Wielicki
PhD in Geochemistry from UCLA, Assistant Professor of Geological Sciences at the University of Alabama
- Chuck f. Wiese
Professional Meteorologist
- Brock Williams
PhD, Lifetime research scientist with subjects from molecular to population pathology with a special interest in immunopathology and atopic disease
- David Williams
PhD, University Distinguished Professor Emeritus, Oregon State University
- Jeff Wilmer
B.Sc. Physics, Post Undergrad Studies: Atmospheric Physics & Chemistry, Industrial Capitalist and Innovator
- Steven Wilmoth
Certified Petroleum Geologist
- Kevin Wilson
PhD in Geological Sciences, Retired, former Professor and Researcher on Plate Tectonics, Paleoclimate and Paleoceanography
- Terry Winters
PhD in Chemistry, Writer, Member of CO2Coalition

United States continued

- David Wojick
- Dr. Calvin m. Wolff
- Peter Wood
- Michael Wood
- Gregory r. Wrightstone
- Walter Yarbrough
- Dan Youra
- Karl Zeller
- Ronald b. Zelt
- Matthew Ziska
- Hannes Zuercher
- Bob Zybach

Cognitive Scientist
Adjunct Professor University of Houston at Clear Lake, Expertise in Energy Management
PhD, President, National Association of Scholars
BSChE, MBA; former lead technical engineer in development of space station and space launch vehicles
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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