

World Climate Declaration

THERE IS NO CLIMATE EMERGENCY

1992 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:

WCD AMBASSADORS

NOBEL LAUREATE PROFESSOR JOHN F. CLAUSER / USA
NOBEL LAUREATE PROFESSOR IVAR GIAEVER NORWAY/USA
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DR. CORNELIS LE PAIR / THE NETHERLANDS
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THE VISCOUNT MONCKTON OF BRENCHLEY / UNITED KINGDOM
DUŠAN BIŽIĆ / CROATIA, BOSNIA AND HERZEGOVINA, SERBIA AND MONTE NEGRO



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TOTAL SIGNATORIES 1992



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
regenerative agriculture and livestock and energy revaluation of
wastes



183 SIGNATORIES FROM AUSTRALIA

2 WCD Ambassadors

- 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

181 Signatories

- D.Weston Allen

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

- Don Andersen
- David Archibald
- Rick Armstrong
- Michael Asten

Retired Teacher, Programmer

Research Scientist

retired metallurgist and strategic planner

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

- József Balla
- Stuart Ballantyne
- Dr. Priyanka Bandara

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.

- Jim Bannister

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

- Jeremy Barlow
- Dr. Colin M. Barton

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

- Gordon Batt
- Maxwell C.S. Beck
- Robert M. Bell
- Karen Benn

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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- Richard Blayden†
- Colin Boyce

Professional Engineer

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

- Howard Thomas Brady

Member Explorers Club of New York, Member of the Australian
Academy of Forensic Sciences

- Geoff Brown
- Andrew Browne

Organizer of a Critical Climate Group

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

Australia continued

- Frank Brus holds a B. Comm from UNSW, spent most of his working life with the Electricity Commission of NSW
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- Mike Bugler Retired Environmental Consultant
- Paul Buncl Medical Practitioner
- Tony Burns PhD in Chemical Engineering
- Paul Callander Retired Geologist BSc Melbourne, Extensive experience in energy economics
- Charles Camenzuli Structural Engineer specializing in Remedial Work, Catcam Group, Sydney
- Ray Carman Organic Chemist, Honorary Fellow University of Queensland
- Dr. Larry Cashion PhD in Psychology, Consultant Psychologist, Special interest in cognition and language of climate science
- Peter Champness Retired Radiologist
- Andrew E. Chapman Expert on Rainfall and Flood Events
- Michael F. Clancy Retired Civil Engineer, Brisbane
- Martin Clark Expert in Building Design, Planning and Landscaping, Townsville NQ
- Richard Corbett Member Royal Australian Chemical Institute, Member of The Clean Air Society of Australia and New Zealand
- Dr. Michael Creech lifetime active as Geologist; Dr. Creech informs the public by giving presentations on Climate Change
- Matt Crisanti BSc, UniSA, Science Faculty Coordinator at St. Columba College in 2008
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- Eric Daniel Retired IT Consultant
- Arthur Day Earth Scientist, Specialist in Geochemical Modelling of Volcanic Processes
- Dr. Geoff Deacon PhD., MSc., BSc (hons), geologist, palaeontologist, advocate for geological truth in Climate Science
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- Paul S. Forbes Financial Advice Specialist
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- Andrew Gillies Geologist

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- Brendan Godwin Weather Observations and General Meteorology, Radio (EMR and Radar) Technical Officer, Retired from Bureau of Meteorology
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- Dr. Kesten C. Green University of South Australia. Forecasting for public policy; author of “The Scientific Method: A Guide to Finding Useful Knowledge” thescientificmethod.info
- Jeffrey R. Grimshaw MSc Information Technology, Author of Trigger Warming, Everything You Wanted To Know About Global Warming But Were Afraid To Ask
- Guy Grocott MSc Engineering Geology, Retired Consulting Engineering Geologist/ Geotechnical Engineer
- Lindsay Hackett BSc, Author of the paper “Global Warming Misunderstood” and the paper “The Impact of Greenhouse Gases on Earth’s Spectral Radiance”
- Markus O. Haering PhD Geologist, Energy geoscientist, Natural resources professional, retired
- Maureen Hanisch PhD Biochemistry, Medical Research 1997, Australian National University, Retired
- Erl Happ Managing Director at Happs
- John Happs Geoscientist, Retired University Lecturer
- Peter J.F. Harris Retired Engineer (Electronic), now Climate Researcher
- Paul Leonard Harrison Geophysicist with an M.Sc. in Geology and Geophysics, over 45 years experience in research and exploration for the geo-energy industry
- Jarvis Hayman Retired Surgeon, Recently retired Archaeologist and Visiting Fellow at the Australian National University
- Mark Henschke Retired Geologist in Mining, Oil and Gas
- Frederick Stewart Hesse Consulting Civil and Forensic Engineer, Critic of Government Policy on Climate Related Matters
- Gerhard Hofmann Geologist and Palaeontologist, Former Director of the Geological Survey of Queensland
- Robert Ian Holmes PhD in Climate Science/Mitigation, University Lecturer (retired) and Climate Scientist
- Selwyn Hopley MSSSI, Retired Land and Engineering Surveyor
- Antonia Howarth-Wass Mathematician, Author on Local Climate Articles
- Geraint Hughes Climate Researcher, Mechanical Building Engineer, Climate Researcher
- Douglas Hutchison BSc and MSc degrees in geology, consulting geologist in the mining industry, member of the Australian Institute of Geoscientists
- David Hyde MEnvSt, Environmental Biology, Former Scientific Chairman of Australian Underwater Federation (NSW)
- Paul Ingram Qualified Geologist, Member of the Australian Institute of Mining and Metallurgy, studying Palaeoanthropology and Human Evolution
- Mr. Anthony Jackson Bachelor of Arts degree, Bachelor of Laws degree, retired
- Ian Johnson Bachelor of Engineering, consultant
- Mike Jonas IT consultant, retired, frequent contributor to Watts Up With That?
- Prof. Aynsley Kellow Professor emeritus of Government, College of Arts, Law and Education, University of Tasmania
- Alison Kelsey PhD, Palaeoclimatologist and Archaeologist, University of Queensland
- Kevin Kemmis Climate Researcher, Expert in Information Technology
- Neil Killion Occupational Psychologist, author and Chairman and Co-Founder of Climate and Energy Realists Queensland
- Bill Kininmonth BSc (UWA), MSc (CSU) M. Admin. (Monash), Former Superintendent of the Bureau of Meteorology National Climate Center
- David Knox IT professional, bachelors in business (Uni of South Australia) and a Masters degree in business administration (Charles Sturt University)
- Rosemarie Kryger PhD, Biochemistry, Retired, University of Queensland, Brisbane
- Hugh H. Laird Retired Tropical Agriculture Executive

Australia continued

- Peter Laznicka retired Professor of Economic Geology, co-founder of Data Metallogenica
- John Leahey retired Geologist and Finance Director; with career long interest in the natural resources sector;
- John Leisten OBE, Expert in Physical Chemistry
- Brian Levitan Worked for NASA, now Technology Consultant to Multinationals
- Ian Levy CEO Australian Bauxite Ltd.
- Matthew David Linn Fellow of the Institution of Engineers of Australia
- Ian Longley Geologist, Bsc (Hons) Petroleum Geologist, Fellow of the Geological Society
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- John Ross May Bsc, Adip, Cres., Management of Forests and National parks in Victoria
- Sandy McClintock BA(Science)TCD, MSc, PhD, Lifetime experience in modeling and data analysis; in retirement, 20 years of interest in climate data analysis
- Gerard McGann Technical Director Eon NRG
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- Paul Messenger PhD, Earth Science
- John Michelmore Retired Industrial Chemist
- Des Moore† Former Deputy Secretary of the Federal Treasury, Founder and Leader of the Institute for Private Enterprise
- Alan Moran Contributor and Editor of the Mark Steyn Compilation: "Climate Change, the Facts", Author of Climate Change: "Treaties and Policies in the Trump Era"
- Hugh M. Morgan Prominent Australian Mining Executive, Fellow of the Australian Academy of Technology, Science and Engineering (FTSE)
- Peter Murphy PhD, Adjunct Professor, Social Sciences, La Trobe University (Melbourne) and the Cairns Institute, James Cook University
- John Edward Nethery BSc in Geology, DipEd in Geology, Physics, Chemistry, Biology, Consultant Geologist
- John Nicol† PhD, Retired Senior Lecturer Physics and one time Dean of Science, James Cook University, North Queensland
- Vasily Novozhilov Honorary Research Professor in Mathematics, Victoria University, Australia
- Paul John O'Keeffe MB, BS, FRCS, FRACS, Retired Surgeon
- Clifford David Ollier DSc, Geologist, Emeritus Professor of Geology and Honorary Research Fellow
- David Parsons B.E Mech. FIE Aust CPEng NER, Principal Design Engineer, specialised in boiler design and gas radiation analysis
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- Suzana Podreka Environmental Scientist
- Alistair Pope PSc, CM, Sceptical Scientific Contrarian in the Climate Debate
- Robert Pypser Geologist and Director of Minnelex Pty Ltd.
- Tom Quirk Nuclear Physicist
- Art Raiche PhD, Mathematical Geophysics, Retired CSIRO Chief Research Scientist
- Geoff Rankin BVSc (Hons), MVSc, Veterinarian, retired, A long-time interest in Meteorology, Climate, and Geology
- Campbell Rankine Barrister and Solicitor
- Peter Ridd Oceanographer and Geophysicist
- Tim Riley Mining Geologist
- John Cameron Robertson Author of CO2 Feeds the World and The Climate Change Delusion

Australia continued

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- Nigel Rowlands
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- Judy Ryan†
Editor Principia Scientific Institution Australia
- George (Rob) Ryan
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- Tony Schreck
Managing Director, 35 yrs experienced geologist, Member of the Australian Institute of Geoscientists, Member of the Australian Institute of Company Directors
- Pasquale Seizis
Mechanical Engineer, climate critic
- Geoffrey Sherrington
Geoffrey Sherrington, Retired Chief Geochemist, Geopeko Limited
- 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
- Case Smit
Retired Scientist; co-founder of the Galileo Movement
- Lee Smith
University Lecturer in Spatial Technology, Responsible for State Government Precise Monitoring of Sea Level and International Sea Boundaries
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Chartered Chemist, member of the Royal Australian Institute of Chemistry (RACI), lifetime of experience in the Pharmaceutical industry
- Peter Smith
Geologist (Retired), New South Wales
- Mark Sonter
MSc(Hons)(Physics - Space Resources), Consultant & Principal, Asteriod Enterprises Pty Ltd at Asteroid Enterprise
- Dr. Libor Spacek
PhD in Computer Science, Modelling & AI
- Darren Speirs
Independent Business Owner, Rangeland NRM Consultants
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Professor and Head of Department of Forestry, PNG University of Technology, Director of PNG Forest Research Institute
- Dr. Nancy Enid Stone
BSc (Hons), University of Western Australia (1950), PhD Cantab. (1956), Retired Research Biochemist
- John Stone
Former Head of the Australian Treasury and Executive Director of both the IMF and the World Bank
- Rodney R. Stuart
Retired Expert in Energy Industry, Tasmania
- Roger Symons
Professional Engineer, Expert in Temperature Control of Industrial Buildings
- James Taylor
Electrical Aerospace and Astrophysics Engineer, Computer Modelling Researcher
- Tony Thomas
MA, B.Ec, journalist and author for more than 60 years
- Rustyn Wesley Thomas
Retired Aircraft Engineer
- Baki M. Top
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- John W. Turner
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- Ralph J. Tyler
Retired Senior Principal Research Chemist, CSIRO, expert in conversion of coal and natural gas to liquid fuel
- Peter Tyrer
Project Controls Engineer in Mining Industry
- Dr. Julian Vearncombe
PhD, Geologist, Fellow Australian Institute of Geoscientists
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- John Warnock
Astro Economist
- Chris Warren
Retired Engineer, Design and Construction of Dams and feasibility of Coal Mines
- Colleen J. Watts
Retired Environmental Scientist with specialization in Aquatic Chemistry and Environmental Consequences of Renewable Energy
- Alan C. Watts
Medical Practitioner specialized in Effects of Infrasound on Human Health
- Glyn Weatherall
Energy Resources Advisor
- Neil Wilkins
Retired Geologist
- Richard Willoughby
retired electrical engineer with thirty years experience in the Australian mining and mineral processing industry
- Lawrence A. Wilson
Professional Chemical Engineer, Melbourne

Australia continued

- P.C. Wilson
- Michael Wilson

- Philip Wood

- Michael Wort

Former Journalist with the A.B.C. Queensland

PhD, DSc, Emeritus Professor, former Executive Dean UWS, Former Chief Research Scientists CSIRO, Low Emissions Transport Fuels Leader

Qualified Lawyer in four Jurisdictions (Australia, New York, UK and Hong Kong), CEO of two ASX-listed Companies operating in the Mining and Minerals Processing Fields

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

- Dr. Wolf Bertling
- Dr. Ernst Hammel

- Dr. Gerhard Kirchner
- Dipl Ing, Dr rer techn Heribert Martinides
- Rudolf Posch

- Dr. Eike Roth
- Helmut M. Sauseng
- Hans Dirk Struve
- Dr. Joseph Laszlo Szekeres

- Konrad Falko Wutscher

PD in Medicine, and pharmacist and entrepreneur

Career in Physics and Nanotechnology, patent holder and author in multiple scientific publications

Berg Ingenieur, Climate Realist

European Space Agency, retired

PhD, Retired Software Engineer of a Technical Multinational, Expert in Nonlinearities and Feedbacks

PhD in Physics, Lifetime career in Nuclear Energy

MSc Physical Chemistry, entrepreneur, activist in civil society

Dipl. Ing., Mechanical Engineer with large experience in business

MD, PhD, Associate Professor at Medical University of Vienna, President of Vienna Medical Association

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



39 SIGNATORIES FROM BELGIUM

2 WCD Ambassadors

- Henri A. Masson

- Ferdinand Meeus

Professor Emeritus Dynamic System Analysis and Data Mining, University of Antwerp, French speaking Belgium

Retired Dr. Sc (Chemistry, Photophysics, Photochemistry), IPCC expert Reviewer AR6

37 Signatories

- Rudy Berkvens

- Eric Blondeel
- Emiel van Broekhoven†
- Christophe de Brouwer

- Jan-Paul Buijs

- Alexandre G. Clauwaert

Information Security and Quality Management Auditor in ICT and Aviation, Commercial Pilot, Flight Instructor

Retired Civil Engineer

Emeritus Professor of Economics, University of Antwerp

MD, Honorary Professor of Environmental and Industrial Toxicology, Former President of the School of Public Health at the Université Libre de Bruxelles

Biologist, Computer scientist, experienced business consultant and change manager, director of two NGOs around awareness for, and protection and restoration of fragile ecosystems

Brussels Polytechnic, Civil Engineer

Belgium continued

- Alain Colignon Surgeon, Brussels University (ULB), Professor of Laser Physics at Paris V René Descartes, Specialist in medical Ultrasound.
- Rudi Creemers Eur. Ing. MSc Electronics-ICT, Network engineer/manager, retired since 2024
- Benjamin Damien PhD in Molecular biology and serial entrepreneur
- Ferdinand Engelbeen Former Chemical Process Automation Engineer, Akzo Nobel Chemicals
- Samuel Furfari Professor of Energy Geopolitics at the Free University of Brussels
- Georges Geuskens Emeritus Professor of Chemistry, Free University of Brussels and Expert Publicist on Climate Science
- Drieu Godefridi PhD, Law, Author of several books
- Jan Goffa Civil Engineer Applied Mechanics, Retired lecturer in thermo- and aerodynamics
- Dr. Volkmar Hierner degree in business administration and economy, retired coach of companies in increasing the effectiveness of their organization
- Jan Jacobs Science Journalist Specializing in Climate and Energy Transition
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- Raymond Koch Retired Research Director at Lab. Plasma Physics, RMA Brussels and Fellow Lecturer at UMons
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- Ernest Mund Honorary Research Scientist, Honorary Research Director, FNRS, Nuclear Engineering
- Bart Ooghe Geologist & Geophysicist, Independent Scientist
- Luc Opdecamp “The agronomist-philosopher” (independent researcher), Agronomist (Soil science)
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- Dr. Hugo Poppe Emeritus hoogleraar, Weer- en Klimaatkunde, KU-Leuven, 1966-2002
- Alain R. Prétat PhD in Geology, Emeritus Professor at Université Libre de Bruxelles
- Danie Roettger MSc. Engineering, lifetime career in energy conversion system development
- Phil Salmon Computer Tomography Scientist, Kontich
- Paul Scheers MSc Engineer in Chemistry and Nuclear Physics
- Rémy Sproelants Civil Engineer Retired CEO ‘RESPRO Languages & Consultancy’, Team H2 SALK/ ThinkTank/Engineering
- Jozef Verhulst PhD, Chemistry, Author
- Jean van Vliet Retired Specialist in Space Weather
- Dr. Marc Wathélet PhD in Molecular Biology, Free University of Brussels
- Appo van der Wiel Senior Development Engineer



1 SIGNATORY FROM BOLIVIA

1 Signatory

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



22 SIGNATORIES FROM BRAZIL

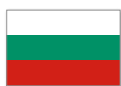
1 WCD Ambassador

- Dr. Thiago Maia Nuclear Physicist, PhD in Astrophysics

Brazil continued

21 Signatories

- Jorge Luis Balino
PhD in Nuclear Engineering, Career in R&D and Education in topics related to Nuclear and Petroleum Engineering
- Dr. Peter Brian Bayley
PhD, lifetime experience in Aquatic Ecology and Fisheries, retired from Dep. Fisheries & Wildlife, Oregon State University
- Jose Nestor Cardoso
Professor on first oceanography course in Latin America, Pioneer on Brazilian expedition to Antarctic, First scientific diver for Brazil from CMAS
- Mario de Carvalho Fontes Neto
Agronomist, Editor of 'The Great Global Warming Swindle'
- José Bueno Conti†
Geographer and Professor of Climatology, Full Professor of the Geography Department at the University of Sao Paulo (USP)
- Dr. Johnson Delibero Angelo
Master and Ph.D. in Material Science, Industrial Chemist, Emeritus Collaborating Professor of Postgraduate Studies in Mechanical Engineering at UFABC
- Prof. Dr. Ricardo Augusto Felicio
BSc Meteorology - USP, MSc Antarctic Meteorology and Satellites - INPE, PhD in Climatology - Physical Geography - USP
- Richard Jakubazsko
Executive Editor of Agro DBO Magazine and Co-Author of the Book 'CO2, Warming and Climate Change: Are you kidding us?'
- Dr. George Lentz Cesar Fruehauf
BSc. Doctor of Sciences – USP, MSc. Meteorology – SJSU, expert in environmental engineering
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professor and researcher at the Department of Oceanography and Ecology at the Federal University of Espirito Santo
- Prof. Luiz Carlos Badicero Molion
PhD, Retired from National Institute for Space Research (INPE) and Federal University of Alagoas (UFAL). Presently, Climate consultant for agribusiness
- Prof. Marcos José de Oliveira
Environmental Engineer, Master in Climatology, Author of research articles about climate cycles and natural causes of climate change
- Fernando Paiva
PhD Animal Science, Full professor at the Federal University of Mato Grosso do Sul
- José Carlos Parente de Oliviera
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- Paulo Pimenta
PhD in Aerospace Engineering, Professor for Solid and Structural Mechanics, University of São Paulo
- Guilherme Polli Rodrigues
Geographer, Master in Climatology, Environmental Consultant
- Adelino de Santi
BSc Biology and Ecology, MSc Applied Ecology, Biologist, works with environmental education, licensing, restoration, sustainability management and staff supervision
- Geraldo Luis Saraiva Lino
Geologist, Author of 'How a Natural Phenomenon Was Converted into a False Global Emergency'
- Marcello Silva Sader
Graduated in Veterinary Medicine and Computer Sciences
- Daniela de Souza Onca
Professor of the Geography Department of the State University of Santa Catarina (UDESC)
- Igor Vaz Maquieira
Biologist, Specialist in Environmental Management



2 SIGNATORIES FROM BULGARIA

2 Signatories

- Ivan Daraktchiev
MSc of Applied Science (Electronics engineering, Chemistry, Physics), Independent Researcher
- Fabrice Toussaint
lifetime of experience in the geo-energy industry, expert in complex numerical modelling



148 SIGNATORIES FROM CANADA

2 WCD Ambassadors

- Reynald du Berger
Retired Professor of Geophysics, Université du Québec a Chicoutimi, French Canada
- Patrick Moore
Ecologist, Chair CO2 Coalition, Co-Founder Green Peace

146 Signatories

- Steven Ambler
Emeritus Professor, Université du Québec à Montréal, Département des sciences économiques
- John Andersen
BSc, Honours Geology, University of Alberta
- Peter Andreadis
Satellite Systems Engineer
- Dr. Grant Armstrong
Leadership development and coaching
- Russ Babcock
retired biochemist, lifetime experience in the mining and smelting industry with emphasis on pollution abatement
- Tim Ball†
Emeritus Professor Geography, University of Winnipeg and Advisor of the International Science Coalition
- Ron Barmby
M.Eng in Engineering with major in Geoscience, Author of 'Sunlight in Climate Change: A Heretic's Guide to Global Climate Hysteria'
- Timothy J. Barrett
PhD, Geochemical Researcher, Ore Systems Consulting
- Robert Douglas Bebb
Professional Engineer (Mechanical), MBA
- Callum Beck
PhD in Religious Studies, Sessional Professor in Religious and University Studies
- Rick Beingessner
BSc, BA and LLB University of Alberta, lifetime experience in the Geo-Energy Industry, recently involved in researching Climate Change Matters
- Jean du Berger
Ingénieur Retraité, Bell
- Mario Blais
Science and Mathematics Teacher
- Alain Bonnier
PhD, Physique, INRS-Centre de Recherche en Énergie, Montréal
- Andrew Bonvicini
Professional Geophysicist, Former President of Friends of Science Society
- Dr. Don Bowen
PhD population ecology, Emeritus Research Scientist, Bedford Institute of Oceanography
- Jacques Brassard
Minister of Recreation (1984), Minister of Environment (1994), Minister of Transport and Intergovernmental Affairs of Canada (1996), Minister of Natural Resources and House Leader
- Kevin Burke
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
- Chris Carr
BSc (Hons) Engineering Geology and Geotechnics, retired Geoscientist
- Michel Chapdelaine
MSc, Géologie, Montréal
- Michel Chossudovsky
PhD of Economics, Professor of Economics, Emeritus, University of Ottawa
- Ian Clark
Professor of Earth and Environmental Sciences, University of Ottawa
- Henry Clark
Thermal/Power Engineer
- Edmond (Ted) Clarke
MSc, Engineering, Member of Friends on Science Society
- Paulo N. Correa
Biophysicist and Oncologist, Inventor, Author of numerous books and research papers, Director of Research at Aurora Biophysics Research Institute
- Hortense Côté
Ingénieur Géologue, Goldminds
- Susan Crockford
Zoologist and Polar Bear Expert, Former Adjunct Professor University of Victoria
- Norman Curry
Technical College, Design Engineering-Mechanical Engineering, President of National Zephyr Research
- Charles Danten
former veterinarian, scientific translator, author, and free-lance journalist.
- John Bruce Davies
BSc Pysics and Mathematics, MSc Geoscience, PhD Geophysics and Astrophysics, awards for research on cosmology and fundamental physics.
- Ronald Davison
Professional Chemical Engineer, President of Friends of Science Society
- Dr. E. David Day
BSc, PhD, Chemistry
- A.E. Dixon
PhD, Emeritus Professor of Physics, University of Waterloo
- 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

Canada continued

- Craig A. Elliott
MSc Mechanical Engineering, Design Consultant, President at CA Elliott Inc
- Ashton Embry
Research Geologist, Embry Holdings
- Christopher Essex
Emeritus Professor of Mathematics and Emeritus Professor of Physics, University of Western Ontario
- 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
- 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

Canada continued

- 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
- Paul MacRae
Independent Climate Researcher
- Allan M.R. MacRae
Retired Engineer
- Joanne Marcotte
Bachelor's Degree in Computer Engineering and Author of "Inconvenient Doubts - Climate Change Apocalypse: Really?"
- Michael Martinz
Radio Podcast Host, Climate Realist, Activist, former Industrial Consulting Forester
- J. David Mason
Applied Geologist, BSc, Applied Geology, MEng., Mining
- Stuart McDonald
Retired Canadian Insurance Broker
- Dwight McIntosh
degree in physics and geology at the University of Alberta, lifetime of experience in the geo-energy industry, advisor on how to cope with financial penalties for GHG emissions
- Norman Miller
Former P.Eng, now Retired
- Ron Mills
Geologist/geochemist Emeritus NS Geological Survey
- Randall S. Morley
veterinary epidemiologist, retired
- Dr. Thomas F. Moslow
PhD, P. Geol., President Moslow Geoscience Consulting Ltd., Adjunct Professor Department of Geoscience, University of Calgary
- Roland Moutal
Teacher Physics and Chemistry at Vancouver Community College
- Prof. Frank Mucciardi
retired Professor in the Department of Mining and Materials Engineering at McGill University Montreal, research focus on energy, heat transfer, fluid mechanics and modeling
- Eiichiro Ochiai
Emeritus Professor, Juniata College (USA)
- Christian Olivier
former Postdoc @ UC Berkeley
- Robert Orr
Historical Linguist
- Scott Patterson
Professional Geologist
- Andy Pattullo
Associate Professor of Medicine at the University of Calgary
- Steven Pearce
PhD, Lecturer
- Prof. David A. Penny
PhD, Former Associate Professor, Dept. of Computer Science, University of Toronto, currently CTO at BlueCat Networks
- Gregory Phillips
Retired Agrifood Industry Professional, with research background in biology, economics and policy formulation.
- 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
- Dr. Michael Raw
PhD in Mechanical Engineering, specialization in computer modelling of fluid flow and heat transfer; current field of work in technology management
- John Angus Raw
aerospace engineer, specialised in aerodynamics, life time career in the international aerospace industry
- 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

Canada continued

- Peter Salonijs
Retired Research Scientist, Natural Resources
- Marcelo C. Santos
Professor of Geodesy, University of New Brunswick
- Paul R. Schmidt
BSc, Professional Engineer Ontario, Research Scientist, Author/
Lecturer 'Review & Analysis of Climate Change', Member Friends of
Science
- Ian de W. Semple
Retired Exploration Geologist and Mining Investment Analyst of McGill
University
- Afshin Shahzamani
Retired professional (Medical Science Liaison) pharmaceutical
industry
- Élie Shama
Ingénieur Retraité en Électromécanique, Président d'Éconoden,
Montréal
- Wayne Shephard
MSc Geology, Retired oil and gas explorer
- H.F. (Gus) Shurvell
Emeritus Professor of Chemistry, Queen's University
- Brian Slack
Distinguished Professor Emeritus, Concordia University Montreal,
Department of Geography, Planning and Environment
- Aize Smit
MSc Climatology on Global Warming, retired high school science and
A.P. environmental science teacher
- Nigel Southway
Business and Manufacturing Engineering Consultant, Educator, and
Author
- Rodolfo (Rudy) Spatzner
graduated from Environmental/Civil Engineering Technology, Humber
College, Ontario, lifetime experience in wireless networks across
North America
- Robert Sproule
PhD, Professor of Economics, Bishop's University, Quebec, Canada
- Michelle Stirling
Writer/Researcher with focus on 'consensus' social proofs, Top 10%
downloaded author on SSRN, Communications Manager, Friends of
Science Society
- Mary Taitt
PhD Zoology, MSc Ecology, retired
- Mario Thomas
B.Sc., Ph.D. Chemistry, CEO and Chairman of Precision Biomonitoring
Inc.
- Graydon Tranquilla
BScEE, Electrical Power, Senior Electrical Engineer (retired), now an
energy advisory consultant
- V Ismet Ugursal
Professor of Mechanical Engineering, Dalhousie University
- Marc Vallée
PhD, Geophysicien
- Petr Vaníček
Dr. Sc, Professor Emeritus of Geodesy, University of New Brunswick
- Duncan Veasey
psychiatrist with a particular interest in mass hysteria,
authoritarianism and social compliance
- Prof. Dr. Ir. Frank C.J.M. van Veggel
Full Professor at the University of Victoria, M.Eng and PhD in Chemical
Technology, University of Twente, The Netherlands, Since 2015 Fellow
of the Royal Society of Canada
- Jean-Joel Vonarburg
PhD, Professeur Ingénieur, Université du Québec à Chicoutimi
- Dr. Ronald Voss
PhD Chemistry, lifetime career in the environment department of a
research consortium
- 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
- Kenneth W. Wilson
Professional Engineer (retired)
- Daryl Youck
MSc, PEng, Oil Sands Pioneer
- AL ZEEPER
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

Chile continued

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/>



19 SIGNATORIES FROM CZECH REPUBLIC

19 Signatories

- Ladislav Bocak
- Pavel Dudr
- Jiri Duspiva
- Marek Eiderna
- Tomas Furst
- Ketil Haarstad
- Václav Hubinger
- Pavel Kalenda

PhD, Professor of Entomology, Czech Advanced Technology and Research Institute
Ing, Independent publicist and climatologist / Pravy prostor, EP Shark/
expert in safety of nuclear installation
Agricultural Engineer and graduated in General Biology
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

Czech Republic continued

- Václav Klaus
Former President of the Czech Republic, Professor of Economics, Founder of the Václav Klaus Institute
- Peter Kopa
Lawyer, Writer, Publisher, Founder of thinktanklatam.org
- Tomáš Kvítek
Professor, Faculty of Agriculture and Technology, Department of Applied Ecology, University of South Bohemia in České Budejovice
- Lubos Motl
PhD, former Harvard faculty, high energy theoretical physicist, co-author of the 2009 NIPCC report
- Václav Procházka
PhD, geochemist, also dealing with paleoclimate and the solar energy in Earth crust
- Dr. Milan Šálek
PhD, Freelance Meteorologist and Consultant
- Ivan Spicka
Professor of Internal Medicine at Charles University with speciality in Hemato-Oncology, Prague
- Dalibor Štys
professor of Applied physics, Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budejovice
- Gary M. Vasey
PhD, Geology, Managing Partner and Analyst in Commodity Technology Advisory llc
- Ing. Miroslav Žáček
PhD., applied geochemistry, been working on the climate for more than 10 years as a geochemist
- Josef Zboril
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
Professor of Physics, Niels Bohr Institute, University of Copenhagen
- Claus Beyer
Geologist, gen.manager for CB-Magneto, possessing palaeomagnetic laboratory
- Steffen Frederiksen
MSc Economics, Climate Economics, Cost benefit analysis of CO2
- Dr. Hans Götzsche
Emeritus Associate Professor, Linguistics and Philosophy of Science, President Nordic Association of Linguists (NAL), Director, Center for Linguistics, Aalborg University
- Frank Hansen
Emeritus Professor, Department of Mathematics, University of Copenhagen
- Niels Harrit
PhD, Emeritus Associate Professor of Chemistry, Dept. Chemistry, University of Copenhagen
- Sören Kjærsgaard
Professional Chemical Engineer
- Johannes Krüger
Emeritus Professor, Dr. Scient, Department of Geosciences and Natural Resource Management, University of Copenhagen
- Knud Larsen
PhD, Natural Sciences
- Peter Loch
Senior Lecturer, Business Academy Aarhus (statistics)
- Peter Kjær Poulsen
Metering Engineer
- Steen Rasmussen
Bsc in Electrical Engineering from Denmark Technical University, lifetime career at IBM Denmark Aps
- Niels Schrøder
Geophysist/Geologist, Associate Professor Institute of Nature and Environment, Roskilde University
- Pavel Svennerberg
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
PhD, Mathematician, Information Technology

Estonia continued

- Andres Saukas

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†
- Michel Bouillet
- Christian Buson
- Jean-Louis Butré
- Emmanuel Camhi
- Bernard Capai

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)

PhD, Human Geography, Emeritus Professor, Former Associate Researcher at the MMSH (Aix-en-Provence)

PhD, Agronomy, Director of Research in a Company (impact studies in Environmental Issues, Sewage Treatment)

Head of Laboratory at Grenoble Nuclear Research Center, President of the Fédération Environnement Durable and the European Platform Against Windfarms

Msc in Physics, life time experience in Complex Systems Modeling and Data Analysis in the Aerospace industry

Retired Chemistry Engineer, Specialist of Industrial Processes avoiding the use of Carcinogenic Solvents

France continued

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

France continued

- Gilles Granereau
Former Meteorologist, currently Project Manager Environment and Tourism, Worked on Coastal Risks, Marine Erosion, Sand Dune Fixation, Hydraulics, Forest Management, Botany
- René Guénon
PhD, Soil Scientist, Institut Agro, Ecological Processes
- Maximilian Hasler
Associate Professor in Mathematics, University of French West Indies
- Charles Hazan
Retired Chemist (ENSCP) and Chemical Engineer (UMIST) Former Technical Director Nosolor
- Manfred Horst
MD, PhD, MBA, lifetime career in healthcare and pharmaceuticals
- Ed Hoskins
MSc, Founder of Applied Research of Cambridge
- Julien Iapichella
PhD in Chemistry
- Yvon Jarny
Emeritus Professor in Thermal and Energy Sciences, Nantes University
- Claude Jobin
Retired A&M Engineer specialized in Microwave Communication
- Alan Kennedy
Emeritus Professor of Psychology, University of Dundee, Fellow of Royal Society of Edinburgh
- Vladimir Klein
lifetime career in renewable energy projects, patent holder in aerobic composting of organic waste
- Alexandre Krivitzky
Psychoanalyst, Member of the International Psychoanalytical Association
- Roger Lainé
Retired Geological Engineer
- Philippe de Larminat
Professor at École Centrale de Nantes, specialist of Business Process Modeling
- Jacques Laurentie
Aeronautical Engineer, and CEO of a software publishing company
- René Laversanne
Researcher at the CNRS, 16 patents
- Christian Liegeois
PhD Physics, patent holder in photonics
- Jean-Marie Longin
Engineer (Saint-Cyr), Chief of the Pole Operations of Security Inventory Management
- Guy Lucazeau
Emeritus Professor (Institut Polytechnique de Grenoble) in Material Sciences and Spectroscopy
- Philippe Malburet
Emeritus Associated Professor of Mathematics, Founder of the Planetarium of Aix-en-Provence, Member of the Academy of Aix-en-Provence
- Christian Marchal
Astronomer and Mathematician, Former Research Director at the French National Office for Aerospace Studies and Research
- 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 Mayer of Branne
- Cédric Moro
Geographer on Natural Hazards Management, Co-Founder of Visov, a NGO in Civil Defense
- Philippe Morvan
Engineer ENSTA and Génie Maritime, specialist in Software Development
- Dr. Arnaud Muller-Feuga
former researcher in biological oceanography, agronomy engineer, founder of Microphyt SA. Now retired.
- Charles Naville
R&D Exploration Geophysicist, IFP Energies Nouvelles
- Massimo Nespolo
PhD, Distinguished Professor of Mineralogy and Crystallography, Université de Lorraine, France

France continued

- 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



120 SIGNATORIES FROM GERMANY

1 WCD Ambassador

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

119 Signatories

- Detlef Ahlborn PhD, Expert on German Energy Transition (Energiewende)
- Prof. Dr. Peter Altmiks 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

Germany continued

- Hans-Jürgen Bandelt Emeritus Professor of Mathematics, University of Hamburg
- Dietrich Bannert Professor Honoris Causa, University of Marburg
- Graham George Baumber former agronomist & irrigation crop specialist, business man & investor
- Dr. Lars Birlenbach Dr. in Chemistry, University of Siegen
- Michael Bockisch Emeritus Professor Chemistry at the Technical University of Berlin
- Klaus-Dieter Böhme Dipl. Physicist, professional experience in X-ray spectroscopy
- Thomas Brey PhD in Natural Sciences (Dr. rer. nat.), Marine Ecological Researcher
- Stephan Bujnoch Wirtschaftsingenieur (i.e. a combination of economics and engineering), retired manager with the automotive industry
- Martin Bülow Emeritus Professor of Physical Chemistry at the Leibniz Sozität der Wissenschaften zu Berlin, e.V.
- Eike-Mattias Bultmann Geoscientist
- Prof. (i.R.) Dr.rer.nat Eberhard Burkel Prof. (i.R.) Dr.rer.nat , Physics of New Materials, University of Rostock
- Dr. Arthur Chudy Agricultural Chemist, OT Warsaw
- Dr. Günter Dedié Dipl. Physiker
- Prof. Dr. Hans Demanowski Engineer, Professor of Packaging Technology, BHT, Berlin, expert in Counterfeit Protection, holder of several Patents in this field
- Dr. Joachim Dengler Physicist retired, PhD, patent holder in fingerprint analysis, work on relation between CO2 emissions and concentration
- Dr. Ing. Rolf Diederichs Studie Eisenhüttenkunde in Clausthal-Zellerfeld, climate realist
- Prof. Dr. Klaus D. Döhler† Professor of Pharma Sciences, University of Hannover
- Wolf Doleys Retired teacher (high school, college) and writer (essay, poetry, novel)
- Joerg Dornemann Msc in Geology, lifetime career in the Geo-Energy Industry
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- Ludwig E. Feinendegen Emeritus Professor Medicine
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- Axel Robert Göhring Doctor of Natural Sciences, EIKE e.V.
- Dr. Klaus-Jürgen Goldmann worldwide experienced petroleum geologist
- Dr. Christian Habermann Dr. in Economics, Investment Manager
- Eberhard Happe Eisenbahningenieur
- Hermann Harde 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 Natural Scientist
- Dr. Fleck Helmut 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
- Dr. Jens Hofele Chemist, developer of low-carbon cement compositions
- Dr. Andreas Hoppe Systems biologist, Institute for Bee Research
- Heinz Hug Chemistry, Master (Diplom Chemiker), PhD (Dr. rer. nat.), lecturer at Paul-Ehrlich-Schule (Frankfurt, Germany), Technical College affiliated to the former Hoechst AG
- Prof. Axel Janke PhD, professor of evolutionary genomics
- Jörg Jensen Dipl.-Ing. Interested and committed to environmental issues
- André Karutz Chemist, Dr. rer. nat. expert in environmental matters
- Professor Dr. Gerhard Kehrler Retired Physician, Internist and Physiologist
- Dr. Udo Kienle Agricultural Scientist at University of Hohenheim
- Werner Kirstein Emeritus Professor of Climatology, University of Leipzig
- Prof. Dr. Knut Kleesiek Emeritus Professor for Clinical Chemistry and Clinical Biochemistry Ruhr University Bochum

Germany continued

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- Stefan Kröpelin
Dr. in Geosciences, Free University of Berlin and University of Cologne (Retired), specialized in Climate Change of the Sahara
- Dr. rer. nat Gunther Kümel
lifetime career in virus research in the natural sciences
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Professor of Plant Physiology & Evolutionary Biology at the University of Kassel and Visiting Scientist in Stanford USA
- Jobst Landgrebe
Scientist and Entrepreneur specialised in Artificial Intelligence and Theory of Science
- Wolfgang Laub
Physics (J.W.Goethe University, 1977-1986), Medicine (Physiology-Biomechanics, Max-Planck Institute, 1980-1986), patent holder in different areas
- Michael Limburg
Vice-President EIKE (Europäisches Institute für Klima und Energie)
- Dr. rer. nat. Rolf Lindner
Chemist
- Martin Lindner
PhD in Chemistry, Dipl. in Chemistry, President of the Bürger für Technik
- Dr. Alf Loeffler
PhD in Theoretical Physics
- Prof. Dr. Kai van de Loo
Dr. rer. oec. Honorarprofessor der THGA und Senior Consultant im Forschungszentrum Nachbergbau
- Dr. Stephan Lorenzen
PhD Theoretical Biology, Bioinformatician, worked with nonlinear modelling
- Professor Dr. Knut Löschke
studied crystallography, chemistry, physics, mathematics and computer science. Honorary professor at the University of Leipzig, dealt with the energy industry and climate change
- Horst-Joachim Lüdecke
Professor of Operations Research (i.R.) HTW of Saarland, Saarbrücken
- Hermann Luyken
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- Prof. Dr. med. Marcus Moller
University Professor of translational Nephrology, RWTH Aachen University, Germany
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graduate economist, climate realist
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PhD, lifetime career in Petroleum Geology (Exploration, Petrophysics)
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PhD Physics, Professor in Theoretical Physics, Quantum Kinetic Theory, Quantum Statistics
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- Dipl. Phys. Raimund Müller
education in physics and thermodynamics, climate realist
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- Flo Osrainik
Bestselling Author & Journalist
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Businessman with intensive experience as investor in carbon chemistry
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Physicist and YouTuber
- Michael Principato
MSc. in Electrical Engineering, specialised in control engineering and modeling
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retired geophysicist
- Siegfried Reiprich
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- 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

Germany continued

- 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
- Dr.-Ing. Stefan Schmidt
Senior Numerical Modeller of Unsteady Turbulent Flows
- Hans Joerg Schmidt
Chemical Engineer and Autor of certain books, explaining atmospheric energy exchange and providing arguments against global warming caused by mankind
- Christoph Schmidt
MSc Mathematics, JWG-University Frankfurt
- 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
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- Attila Sonal
Dipl.-Ing. der Elektrotechnik, Retired am Technischen Universität Kaiserslautern, Stadtratsmitglied Kaiserslautern, Preisträger Ansaldo Ricerche Price
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- Dr. Holger Thuss
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- Dr. Stefan Uhlig
Geologist
- Helmut Waniczek
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- Ulrich O. Weber
Exploration Geophysicist with lifetime interest in Paleoclimate
- Silvio Weeren
Diplom in Physics, former IBM environmental affairs Germany, former chairs of EM13 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
- Carl-Otto Weiss
Emeritus Professor in Non-linear Physics, Advisor to the European Institute for Climate and Energy, Former President of the German Meteorological Institute, Braunschweig
- Roland Wiesendanger
Professor of Experimental Physics, University of Hamburg, Germany
- Dr. Peter Willingmann
Dr. rer.nat
- Lutz Wimmer
MSc Climate- and Environmental Change (Geography)



22 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

21 Signatories

- Prof. Dr. Stavros Alexandris
Former Professor of Agricultural Meteorology at the Agricultural University of Athens, Dept. of Natural Resources & Agricultural Engineering
- Dr. Andreas Angelakis
PhD in Soil Physics, Researcher in Water Science and Technology

Greece continued

- Ioannis Benekos
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- Michalis Chiotinis
Architect Engineer NTUA, PhD Candidate, Department of Water Resources and Environmental Engineering, National Technical University of Athens
- Antonis Christofides
PhD, Senior developer with decades-long research activity on the Climate
- Costas Fasseas
Emeritus Professor of Plant Anatomy & Electron Microscopy, Department of Crop Science, Agricultural University of Athens
- Anthony Foscolos†
Emeritus Professor of Mineral Resources at the Technical University of Crete, Energy Consultant for the United Nations Development Program (UNDP)
- Chris Fytas
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- Christos D. Georgiou
MSc (with Honors) in Biochemistry, PhD in Biology-Biochemistry, Emeritus Professor of Biochemistry
- Dr. Vassilios C. Kelessidis
PhD in Chem. Engineering, former Professor of Petr. Engineering at, Khalifa University Abu-Dhabi, Texas A&M at Qatar, Technical University of Crete Greece
- Dr. Christos J. Kolovos
Independent Energy Consultant, Mining & Metallurgy Engineer, Former Director of Mine Planning & Contractor Works Dept., PPC SA/WMLC, ck-energy.blogspot.com
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Mechanical Engineer, Teacher at the Environmental Education Center of Karpenisi Germany continued
- Prof. Demetris Koutsyiannis
Professor Emeritus of Hydrology and Analysis of Hydrosystems at the National Technical University of Athens
- Aristotelis Liakatas
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Associate Director in Bioresources and Waste Management in multinational multidisciplinary engineering consultancy
- Prof. Nikos Mamassis
Professor of Engineering Hydrology and Hydrometeorology at the National Technical University of Athens
- Charilaos Markopoulos
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- Spyridon Nikiforos
Economist, MBA
- Dr Miltiadis Nimfopoulos
PhD in Earth, Atmospheric and Environmental Sciences, lifetime career in Applied and Environmental Geochemistry
- Sonia Perez†
PhD, Biology/Immunology, Scientific Coordinator Cancer Immunology and Immunotherapy Center Saint Savas Cancer Hospital, Athens
- Michael Sidiropoulos
Principal Engineer, FortisBC



2 SIGNATORIES FROM GUATEMALA

2 Signatories

- Jorge Chapas
agronomist, environmental economics specialist, writer, spokesman of climate realism and conservative politician.
- Christopher Lingle
PhD Economics Universidad Francisco Marroquín



9 SIGNATORIES FROM HUNGARY

1 WCD Ambassador

- Laszlo Szarka
Geophysicist, O.M.

8 Signatories

- Dr. Dezso Csejtei
retired professor of philosophy at the University of Szeged
- Dr. Endre Fuggerth
lifelong experience in gas-chromatography
- István Héjjas
PhD, Retired R&D Electrical Engineering
- Tom Kauko
PhD Geography, Independent Researcher based in Budapest
- József Király
Chemical Engineer and one of the Authors of the Hungarian site www.klimarealista.hu
- Dr. József Majer
Senior Professor of Ecology and Environment Protection at University of Pecs

Hungary continued

- Gábor Simon
- Dr. Gábor Szász

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
- 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

Electrical Engineer, Specialist in Power System Security

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

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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, FICHEM, PPSE, CEnv, MIEA, Challenger of Over-Reach in Environmental Legislation

Ireland continued

- Sean Tangney
- David Thompson



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

Business Entrepreneur, Former Technical Director, CRH plc
BAgricSc, MA, Animal Nutritionist

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



207 SIGNATORIES FROM ITALY

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- 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

206 Signatories

- Pietro Agostini
- Aldo Aluigi
- Piero Baldecchi
- Achille Balduzzi
- Antonio Ballarin
- Donato Barone
- Sergio Bartalucci
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- Francesco Battaglia
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- Eliseo Bertolasi
- Giorgio Bertucelli
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- Antonio Bianchini
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Nuclear Engineer, Consultant in Power Plants, Cogeneration end District Heating

Lettore

Geologo, Agip-Eni

Fisico, "Chief Artificial Intelligence Officer" della Pubblica amministrazione

Ingegnere

Fisico, Presidente Associazione Scienziati e Tecnologi per la Ricerca Italiana

Astrofisico, Deputato, Già dirigente di ricerca dell'INFN

Professore di Chimica Fisica, Università di Modena, Movimento Galileo 2001

Ingegnere idraulico, libero professionista

Dottore di Ricerca in Antropologia Culturale

Ingegnere, già Dirigente Industriale, ALDAI

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PhD, M.D., is Professor of Clinical Pathology in the Department of Experimental Medicine at University Sapienza, Rome

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

Dottore Commercialista

Italy continued

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- Roberto Bonucchi
Insegnante in Pensione
- Giampiero Borrielli
Ingegnere
- Gilles Bourgeois
Professional Engineer with 27 experience in applied thermodynamics in oil and gas
- Francesca Bozzano
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- Gianfranco Brignoli
Geologo
- Marcello Buccolini
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- Paolo Budetta
Professore di Geologia Applicata, Università di Napoli
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Ingegnere, Ricercatore, Consulente
- Monia Calista
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- 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
- 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
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- Luigi Chilin
Dirigente in Pensione
- Claudio Ciani
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Member of the C.I.R.N (Italian Nuclear Relaunch Committee) and of the "Atoms for peace" association, former employee of a Radiological Medical Center. Currently in the IT sector
- Pino Cippitelli
Geologo Agip-Eni
- Carlo Colomba
- Enrico Colombo
Chimico, Dirigente Industriale
- Vito Comencini
Onorevole, Membro della Camera dei Deputati italiana dal 2018
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Physicist, Istituto Nazionale di Fisica Nucleare (INFN)
- Ferruccio Cornicello
Fotografo e Lettore di Studi sul Clima
- Domenico Corradini
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- Carlo del Corso
Ingegnere Chimico
- Uberto Crescenti
Professore Emerito di Geologia Applicata, Università di Chieti-Pescara, già Magnifico Rettore e Presidente della Società Geologica Italiana
- Fulvio Crisciani
Professore di Fluidodinamica Geofisica, Università di Trieste e Istituto Scienze Marine, Cnr, Trieste
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Geologo, Borsista presso l'Università di Chieti
- Francesco Dellacasa
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Professore di Geotecnica, Politecnico di Bari
- Aureliano Ferri
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- Maurizio Fiorelli
Sommelier Professionale, Studioso dell'evoluzione nella Coltivazione delle Vigne
- Mario Floris
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- Gianni Fochi
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- Sergio Fontanot
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- Giuseppe Gambolati
Fellow della American Geophysical Union, Professore di Metodi Numerici, Università di Padova
- Alessio del Gatto
Liceo Scientifico, Collaboratore Attivita Solare.it
- Rinaldo Genevois
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- Umberto Gentili
Fisico dell'ENEA, Climatologo per il Progetto Antartide, ora in pensione
- Enrico Ghinato
Perito Fisico
- Mario Giaccio
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- Daniela Giannessi
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- Roberto Grassi
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- Roberto Graziano
Ricercatore di Geologia Stratigrafica e Paleoclimatologia/
Paleoceanografia, Università di Napoli, già Geologo presso il Servizio Geologico d'Italia
- Alberto Guidorzi
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- Roberto Madrigali
Meteorologo
- Angelo Maggiora
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Emeritus Professor, expert on microelectronics and modelling
- Ettore Malpezzi
Ingegnere
- Vania Mancinelli
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- Cyril Wentzel Multi-Physics Engineer and Chairman of Environmental Think Tank 'Groene Rekenkamer'
- Frans A. van der Werf Owner int. business and IT consulting and AI-firm & project leader St. Milieu & Mens in higher appeal case Milieudefensie - Shell as independent party
- Bert Weteringe Author, independent research journalist on energy transition and wind energy.
- Dr. Dolf van Wijk Retired, formerly AkzoNobel Environmental Research Laboratory and Former Executive Director Cefic-Euro Chlor, Brussels
- Jaap Wijsman Mechanical Engineer, active in the offshore industry
- Theo te Winkel Geo Scientist and International Health Care Specialist
- Jan Winkel MSc, Chemical Engineering, specialization in Natural Gas Projects, Lifetime Experience in the Geo-Energy Industry
- Wim Witteman Professor of Applied Physics and CO2 lasers, University of Twente
- Dr. Hans Wolkers PhD in Animal Physiology and Environment, Over 20 years of research experience, incl. Arctic ecotoxicology, Science journalist and university lecturer in 'Writing about Science'
- Theo Wolters Chairman Environment, Science & Policy Foundation; researcher and speaker on climate and energy
- Govert Zijderveld 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

New Zealand continued

- Mario Barbafiera
 - Paul A. Catchpole

 - Roger High Dewhurst
 - Geoffrey. G. Duffy
 - Terry Dunleavy†

 - Doug Edmeades
 - Joe Fone
 - Professor Michael J Kelly

 - Gary Kerkin

 - Roman Leslie

 - Brian Leyland

 - Gerrit J. van der Lingen

 - Nima Maleki
 - Dr. John Maunder

 - Dr Richard Reaney

 - Darag S. Rennie
 - John Scarry

 - John Sexton
 - David Shelley

 - David Steward
 - Philip Strong

 - Hugh Thorpe
 - Richard Treadgold

 - Ian Wright
- MSc Palaeoclimatology, Teacher
Qualified Land Surveyor & Fellow of New Zealand Institute of Surveyors, Retired Ex Commissioner of the New Zealand Environment Court
Retired, Geologist/Hydrogeologist
Professor Emeritus, University of Auckland
MBE, Co-Founder (2006) and Honorary Secretary New Zealand Climate Science Coalition; Former WCD Ambassador
Managing Director agKnowledge Ltd.
CAD Engineer, Enatel Ltd.
MA, PhD, SCD, MAE, Emeritus Prince Philip Professor of Technology at the University of Cambridge
Retired Chemical Engineer, Upper Hutt. Executive Member New Zealand Climate Science Coalition
Research specialist in geochemistry of arc-magmatism, magma-wallrock interactions, mineralogy, melt inclusions, SW Pacific tectonics and geodynamics.
Power systems engineer with experience in all forms of renewable energy
Geologist and Paleoclimatologist, New Zealand, Author of the Book The Fable of Stable Climate
MD specialist in family health, Bachelor in science
Climate Scientist, President of the WMO Commission for Climatology 1989-1996
Climate Researcher, Post Graduate Qualification in Antarctic Studies, University of Canterbury New Zealand
MBChB, Lifetime explorer of truth
ME (Civil), Structural Engineer, Member of the New Zealand Climate Science Coalition
Member of the New Zealand Climate Coalition
Emeritus Associate Professor Geology and latterly Dean of Postgraduate Studies, University of Canterbury, Christchurch
Electronic Engineer, Supporter of truth seeking in climate change
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



33 SIGNATORIES FROM NORWAY

2 WCD Ambassadors

- Ivar Giaever
Nobel Laureate Professor, Nobel Prize Winner in Physics, Emeritus Professor of the Rensselaer Polytechnic Institute, Chief Technology Officer of Applied Biophysics Inc., Fellow of the American Physical Society
- Jan-Erik Solheim
Professor Emeritus Astrophysics, University of Tromsø – The Arctic University of Norway

31 Signatories

- Gunnar Abrahamsen
Professor Emeritus Soil Science, University of Life Sciences
- Knut Åm
Retired Geoscientist, adjunct Professor of Geophysics at the University of Bergen, Norway, Honorary member of The Norwegian Academy of Technological Sciences
- Egil Bergsager
MSc of UCLA and University of Oslo, Petroleum Geologist, Director Norwegian Petroleum Directorate, President Rogaland Science Park. Board member of advanced technology companies
- Stein Sorlie Bergsmark
Physicist, Former Head of Renewable Energy Studies Programmes, University of Agder
- Einar R. Bordewich
multidiscipline Engineering

Norway continued

- Dr. Hans Borge
 - Reidar Borgstrøm
 - Dr. Erik Bye
 - Ole Henrik Ellestad
 - Jon Gulbrandsen
 - Arve Gleissner Gustavsen
 - Rögnvaldur Hannesson
 - Geir Hasnes
 - Martin Torvald Hovland
 - Ole Humlum
 - Morten Jødal†
 - Dr. Ing. Hans Konrad Johnsen
 - Olav Martin Kvalheim
 - Arnfinn Langeland
 - Mikael Lindgren
 - Oddbjørn Melberg
 - Willy Nerdal
 - Johannes Oraug
 - Egil Pedersen
 - Elen Roaldset
 - Ulf Torgny Rock
 - Gjertrud Røyland
 - Håkon Gunnar Rueslåtten
 - Tom V. Segalstad
 - Einar Sletten
 - Jørgen Stenersen
- 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
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
Emeritus Professor, Chemistry, Bergen University
Professor Emeritus Biology, Norwegian University of Science and Technology
MS Applied Physics 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
Emeritus 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
- Chairman of the National Section of Energy Workers' Union NSZZ

Poland continued

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

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



11 SIGNATORIES FROM PORTUGAL

1 WCD Ambassador

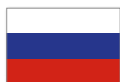
- Dr. Peter Stallinga

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

10 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
- Henrique Sousa
- João José Rodrigues Tilly

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



8 SIGNATORIES FROM RUSSIA

8 Signatories

- Habibullo Abdussamatov
- Prof. Vladimir N. Bashkin
- Pavel Bizyukov
- Gleb I. Evgenev
- Vladimir G. Kossobokov
- Eugene Nagibin
- Henni Ouerdane
- Dr. Michael Petelin

Head of the Space Research Sector of the Sun, Pulkova Observatory RAS and Head of the Lunar Observatory Project on Monitoring of the Climate
Professor in Biogeochemistry, Principal Researcher of the Institute of Physicochemical and Biological problems of Soil Science of RAS, Moscow
PhD in Metallurgical Engineering, faculty member at Moscow State Institute of Steel and Alloys
Professor of Environment, Moscow State Technical University (MADI)
Chief Scientist, Professor, Expert of Russian Academy of Sciences, Foreign Member of Accademia Nazionale delle Scienze detta dei XL (Rome, Italy)
MA in Economics, CIR, Territorial Development and Management Consultant
PhD in Physics, Associate Professor with extensive experience in the physics of energy conversion and the related technologies
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
- Dr. Lars Schernikau

offshore drilling, earth sciences and renewables
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 missinterpretations 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 Geologist, Invited Associate Professor, Universidade Fernando Pessoa, Porto, Portugal
- Prof. Rosemary Falcon Emeritus Professor Clean Coal Technology Research Group at the University of Witwatersrand, Director Fossil Fuel Foundation
- Dennis Shaun Garisch BSc (Civil) Eng, Professional Engineer registered with Engineering Council of South Africa (ECSA), over 30 years of practice, inclusive of many storm water management designs
- Dr. Hans Hofmann-Reinecke nuclear physicist, author of several books "Grün und Dumm", articles an videos on global warming and alternative energies for the general public
- Dr. Rob Jeffrey Economic Risk Consultant: Senior Economist and Managing Consultant, leading expert in energy and electricity
- Dr. Kelvin Kemm PhD, Nuclear Physicist, Chairman: Stratek Global (Pty) Ltd, Pretoria
- Dr. John Ledger Visiting Associate Professor at the University of the Witwatersrand, Energy and Environmental Consultant, Consulting Editor, Freelance Writer, Editor and Lecturer
- Prof. Richard Meissner Associate Professor, Department of Political Sciences, University of South Africa
- Dr. Don Mingay Retired Professor of Nuclear Physics, University of the Witwaterstand. Involved since 1995.
- Mike Sankey Co- Author of two books : Climate Actually Vol1 Nothing to Fear, Climate Actually Vol 2 The Science Behind it
- Professor Martin R. Sharpe PhD from University of Exeter, retired Geologist, Geochemist, Analyst and Field Mapper at University of Pretoria, Founder of geological consulting and exploration companies
- Dr. Grant Son PhD in Natural Science
- Dr. Jacques Theron Retired Veterinarian
- Geert F de Vries Retired physicist / nuclear engineer



3 SIGNATORIES FROM SOUTH 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
- Kihong Kim

economist at Daegu University

PhD, Professor of Urban Planning and Development



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
- 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

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

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



48 SIGNATORIES FROM SWEDEN

1 WCD Ambassador

- Ingemar Nordin

Emeritus Professor Philosophy of Science, Linköping University

47 Signatories

- Michael Andersson
Bsc in biology, medical doctor, retired Chief Medical Officer at a battalion of the Swedish Airforce
- Leif Åsbrink
PhD, Technology at KTH in Molecular Physics, Stockholm
- Sture Åström
MSc, Technology, Professional in Climate Issues, Secretary of the Swedish Network Klimatsans
- Erik Axelkrans
MSc in physics and physical oceanography, University of Gothenburg
- Rolf Bergman
Emeritus Professor of Physical Chemistry, Uppsala University
- Dr. Lars Bern
Member of The Royal Swedish Academy of Sciences, Retired CEO in Incentive AB
- Joakim Blomqvist
Sr. Design Manager for design and energy solutions within a larger construction company
- Magnus Cederlöf
Software Specialist, Stockholm
- Tore Dalvåg
Msc, Physics, Research Engineer in Hydrodynamics and Thermodynamics, Senior Advisor in Environmental Standards, Author of 'CO2 a source of life or a threat'
- Hans Eklund
PhD, Technology, Acting Professor at the Department of Laser-and Electro-optics, Chalmers University of Technology, Gothenburg
- Per-Olof Eriksson
Physicist, Former CEO of Sandvik Group
- Dr. Anders Flodin
PhD, Mechanical Engineering, NC, USA
- Mats Freding
MSc Mechatronics Test team leader, environmental and software test.
- David D. Gee†
Professor Emeritus Orogen Dynamics, Uppsala University
- Anders Grufman
MSE, MA, Economics, Industrial and Environmental Economics
- Jan Hagberg
PhD, Statistics, Stockholm
- Björn Hammarskjöld
MD, PhD in Biochemistry, Assistant Professor in Pediatrics
- Lars Hässler
PhD, Rock and Soil Mechanics, Bsc Chemistry and Biology, Msc Civil Engineering
- Eilif Hensvold
PhD, Mathematics, Associate Professor of Mathematics (Retired), Simulation of Large-scale Industrial Systems, Uppsala University, Luleå Technical University
- Gunnar Holmgren
PhD, Space Physics, Retired Head of Dept. of Engineering Sciences, Uppsala University
- Mats Janson
MSc, Electrical Engineering, KTH Royal Institute of Technology, Stockholm
- Hans Jelbring
Climate Researcher
- Göran Johansson
specialist in Energy Systems
- Claes Johnson
Emeritus Professor of Mathematics at Royal Institute of Technology, Stockholm
- Gunnar Juliusson
Professor of Hematology, Lund University, Senior Consultant, Skåne, University Hospital, Lund
- Sten Kaijser
Emeritus Professor of Mathematics, Uppsala University
- Johnny Kronvall
Emeritus Professor in Building Physics, Malmö University and Lund University
- Lars E. Linder
Associate Professor of Medicine, Gothenburg
- Jan Lindström
Senior Medical Physicist, PhD, Former Head of Department of Medical Physics Karolinska, Worked and published in Environmental Science (Harwell UK). Long climate interest.
- Rune Lundgren
MSc, Helsinki University of Technology, Energy System Expert
- Toomas Mathiesen
MD, Retired
- Johan Montelius
Associate Professor of Computer Science at the Royal Institute of Technology, Stockholm
- Jacob Nordangård
PhD, Technology and Social Change at the University of Linköping, Researcher on Climate Change History
- Gabriel Oxenstierna
PhD, retired, currently author for Klimatupplysningen.se
- Gösta Pettersson
Emeritus Professor in Biochemistry, University of Lund
- Marian Radetzki†
Emeritus Professor of Economics, Luleå University of Technology
- Mats Rosengren
Mathematics, Space Flight Trajectory Specialist
- Torsten Sandström
Professor Emeritus, Department of Law, University of Lund
- Rabbe Sjöberg
PhD, Geology, Member of Paleogeophysics & Geodynamics Institute

Sweden continued

- Peter Stilbs
Emeritus Professor of Physical Chemistry, Royal Institute of Technology (KTH), Stockholm
- Jan-Olov Strömberg
Emeritus Professor of Mathematics at Royal Institute of Technology, Stockholm
- Lars H. Thylen
Professor emeritus in photonics, Dept. of Applied Physics, Royal Institute of Technology, SE-106 91 Stockholm, Sweden
- Tege Tornvall
Automotive and transport editor and expert. On election committee of association Klimatrealisterna, regular contributor to blog Klimatupplysningen and network Klimatsans
- Gösta Walin†
Professor Emeritus in Oceanography at University of Gothenburg
- Elsa Widding
Consultant, Author on Climate Change, Stockholm
- Lech Wosinski
Researcher Emeritus, Associate Professor, Royal Institute of Technology, Stockholm
- Orjan Wrangé
PhD, Emeritus Professor in molecular Genetics Karolinska Institutet, Stockholm, Sweden



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



3 SIGNATORIES FROM TURKEY

3 Signatories

- Prof. Kerem Cankocak
- Ufuk Coscun
- Andrew Cullen

Professor in Particle Physics at Istanbul Technical University, author of more than 200 books in different scientific areas
columnist at Milat Newspaper
Ph.D Geography



2 SIGNATORIES FROM UKRAINE

2 Signatories

- Vsevolod Lozitsky
- Irina Vasiljeva

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



168 SIGNATORIES FROM UNITED KINGDOM

1 WCD Ambassador

- Christopher The Viscount Monckton of Brenchley

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

167 Signatories

- Tom Agbabi
- Colin Address
- Neils C. Arveschoug
- Nigel Banks
- Andrew P. Barker
- John Anthony Barney
- Nik Bartley
- Nigel Beckwith
- Alan Belk
- Simon Bevan
- Roshan Bhunnoo
- Paul Binns
- David Blake
- David Bodecott
- Dr. Richard Booth
- D.Q. Bowen†
- Dr Phillip A. W. Bratby
- Michael Brown
- Paul Burgess
- Derrick Byford
- Gerry Byron
- Peter Cale
- George Carey
- Brian R. Catt

PhD, Professional engineer in the energy industry
BSc Physics, MSc Astrophysics, MA (Oxon) Classics & Philosophy, Barrister, Fellow of the Royal Astronomical Society
Geophysicist, Private start-up Oil E&P Company
PhD Geology, Petroleum Geologist
Biological Chemist
Retired Scientist and Technologist
Mechanical Engineer
professional graduate Podiatrist, Post Grad. in Sports Science, Post Grad. in Science Education
BSc, Mechanical Engineering, MBA, 40 years with a global Industrial Gases, Chemicals and Energy company
BSc Oceanography and Geology, WMO Qualified Meteorological Forecaster
Mathematics and Statistics, former Climate Data Analyst at the Meteorological Office
Former Research Geoscientist and Climate Researcher
BSc Applied Chemistry, Chair of East College Group & CME Futures Trader
Geologist/Geophysicist, Fellow of the Geological Society of London
retired Special Merit mathematician in the UK Civil Service
Emeritus Professor of Earth and Ocean Sciences, Fellow International Union for Quaternary Research, Cardiff University
Physicist, Member of the Institute of Nuclear Engineers, retired energy consultant
Expert in Large Scale Thermal Fluid Dynamic Models
BSc, MSc, C. Eng (retired) Hydro Climate Specialist
BSc (Hons) holder of 10 patents, previously Deputy Director Research & Statistics Inner London Education Authority
BSc in Physics, MBA which included modules on statistical analysis
Solicitor, co founder and fund raiser for wave energy research project as Director of Staithe Energy Products (1988 1995)
BSc Hons. Physics and Geology, Lifetime Physics teacher and amateur astronomer
Electrical Engineer, Retired, publishing papers on Energy and Climate Change

United Kingdom continued

- 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
- 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"
Hon Research Associate, University of Bristol
- Professor John C.W. Cope
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"
- Dr. Douglas Cormack
Retired Material Scientist, Expert Peer Reviewer of the IPCC
- Richard Courtney
GDE Mining Engineering, Wits University, Retired IT Professional worked primarily in Mining and Logistics Industries
- Chas Cowie
retired assistant professor biology
- David Crabtree
Senior Clinical Pharmacologist, mathematical modelling of complex systems
- Dr. David Critchley
Chemical Engineer
- Michael Cross
Expert in Mathematical Modelling of Complex Physical Phenoma
- Peter Cunningham
Principal Lecturer in the Department of Computing and Informatics at Bournemouth University
- Dr Philip George Davies
Geophysicist and Entrepreneur
- Isabel Davies
BSc Airline pilot
- Robert Davies
retired Chartered Engineer with a career in the oil and gas industries
- Jeremy Dawson
Environmental and Agricultural Researcher
- Dr. Keith P. Dawson
Emeritus Professor of Geology at the University College Oxford, Distinguished Emeritus Professor University of California,
- John Dewey
FGS, Geologist, Initiator Open Letter to the Geological Society of London
- Howard Dewhirst
BSc Physics, DPhil Nuclear Physics, Former research physicist
- James Dillon
FGS, Geologist, Former Member Geological Society of London
- Gregor Dixon
BSc Physics, Senior Project Manager, (and unpaid educator & Climate Scientist)
- Peter Dorey
Economist, CO₂ Coalition member, ex-Forbes contributor, frequent op-ed contributor (Daily Sceptic, RealClearEnergy, South China Morning Post, etc.)
- Tilak Doshi
Retired Mechanical Engineer in the Oil & Gas industry, Senior Auditor in Management/Facility/HSE
- Timothy (Tim) C. Duckworth
international earth scientist, energy professional, author
- Dr. Michael Earle
Retired Senior Lecturer in Biochemistry University of Liverpool, Research area: Protein chemistry, Enzymology, Metabolic Modelling
- Dr. John S. Easterby
MBA FIET MCMI, Retired Consultant Energy Industry Analyst/Management Consultant
- Roderick Paul Eaton
Entrepreneur and Guest Lecturer in Business Management
- Debra Eddy
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
- Dr. Andrew Edmonds
Geologist/Oceanographer, Coral Reef Researcher, MSc Petroleum Engineering (Imperial), life-time international experience in developing countries, retired from BG
- Peter Etherington-Smith
MSc, DIC, Dip. Met, AusIMM, IOM3, SME, Ch.Eng., President Tianshan Jade (UK) Ltd
- Kevin Foo
BSc, FRAS, Geophysicist with expertise in forward and inverse modelling, stochastic modelling and resolution/scale change impacts
- Ashley Francis
Project Manager Water and Wastewater Systems
- Sean Galbally
Geophysicist
- Gil Gilchrist
Retired Engineer in South Wales
- Alan Gill
Physicist, Ex Chair Institute of Physics Energy Group, Ex London Branch Chair & Fellow of EI
- Peter Gill

United Kingdom continued

- 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
- Mick Greenway
Research and Development of Flight Control Systems for Modern Civil and Military Aircraft, Retired Head of Research and Development within a Multi-Million-Dollar Company
- David P. Gregg
retired Unilever Research group leader and scientist, Author of studies of historical climate time series based on modern spectral analysis techniques
- Brian Gregory
MA. in Natural Sciences, MSc. in Business Studies, Lifetime Career in the UK Chemical Industry, currently Policy Director of the Alliance of British Drivers
- Jimmy Haigh
Independent Geological Consultant
- Stephen Hardcastle
Retired Electronics Engineer, 10 years experience in the design of NDIR gas detectors, for gases including CFC's CO₂, CH₄ and N₂O
- David Hardy
Business Owner, Director and Experienced Chemical Engineer. 20+ years in Energy technology development including removal of pollution from conventional fossil fuel power sources
- Tim Harper
PhD (Engineering, rock mechanics), CEng., Geomechanics Consultant and Researcher, Recipient of the Royal Academy of Engineering MacRobert Award
- Ken Harrison
Retired Chartered Physicist
- John Harrison
Former Chartered Physicist and Chartered Engineer
- Peter Harvey
Project Manager – Renewable offshore wind industry
- Raymond Hayes
BA (Lond) M.Litt (Oxon) FRGS Solicitor Hong Kong and England and Wales
- 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
- Robert Jones
BSc and PhD Mining Engineering, Director at Warwick Energy
- Stephen Latimer Jones
BA Chemistry, IT professional
- 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

United Kingdom continued

- Eur.Ing Colin Leci
 - Roger Longstaff
 - Anthony Lowe

 - Peter Justin Lunt

 - Tom Mackay
 - Chris MacKenzie

 - Ian Magness

 - Stephen Martin
 - Chris Matchette-Downes

 - William James McAuley

 - Dr. Niall McCrae
 - Angela McKay

 - Dr. Euan Mearns
 - Krov Menuhin

 - Geoffrey Middleton
 - Robin Monotti Graziadei

 - Terence Mordaunt

 - Dr. William Morgan
 - Dr. Ian Mortimore

 - Philip Mulholland

 - Stuart Munro
 - Edward Nealon
 - Alex Nichols

 - Blair Nimmo

 - Michael John Oates

 - Gerard O'Donovan

 - Andrew O'Rourke
 - Peter Owen
 - Jonathan R. Partington
 - Dennis Paterson
 - Dr. James Petch

 - Peter Phillips

 - Graeme Phipps
 - Dr. James Pindell

 - Gerry A. Quinn
- CO2 and Environmental Specialist
Experimental Space Physicist and Company Director
BSc Hons Polymer Chemistry and Physics, Consultant Polymer Solutions
MSc Geology London, adjunct lecturer in geology (stratigraphy) at Universiti Teknologi Petronas and Shandong University of Science and Technology (SDUST) Qiangdao
BSc, Geologist, Fellow of the Geological Society (FGS) of London
MSc, Director and Geological & Environmental Consultant at Peak Minerals Ltd
Geologist turned treasurer, Since retirement actively involved in the analysis of all aspects of climate change from a sceptical viewpoint retired exploration geophysicist
Geologist and Geochemist, particularly involved in studies about past climates including glaciation
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
PhD in Mental Health
retd Mechanical Engineer in Turbine Generator Industry. Retd Head of Physics St Mary's 6th Form College, Lancashire
retired, freelance consultant, researcher, blogger and author
Expert on ocean life, underwater filmmaker, professional diver, pilot and writer, explored the Earth's extremities, experiencing the oceans and the atmosphere first-hand
Chartered Architect, Social Science
Architect and former postgraduate lecturer in Architecture at London Metropolitan University
Accomplished businessman, Self taught climate scientist mentored by Professor David Bellamy
Retired Clinician
BSc, PhD, MB, BS, FRCP, retired Consultant Respiratory Physician in the NHS with research affiliations to Edinburgh and Newcastle Universities
Geoscientist, Life time experience in the Geo-Energy Industry, co-author of the DAET climate model
Exploration Geologist and Geophysicist
Geologist, Member of the Australian Institute of Mining & Metallurgy
BSc Geography, MSc Environmental Assessment, 30 years in sustainability consultancy, programmes and projects
Electronic Engineer, working in Computer Networking and Optical Surface Metrology and Fibre Optics
Geologist, Lifetime Experience in the Geo-Energy Industry, Fellow of the Geological Society of London
Entrepreneur, Business Owner, career in building international and multinational organisations
journalist climate change
FGS, Fellow of the Geological Society of London
Emeritus Professor of Mathematics, University of Leeds
Retired Geologist
Physical Geographer, formerly Reader in Environmental Science at MMU and Head of Distributed Learning at the University of Manchester
BSc Hons Mechanical Engineering, lifetime experience in the geo-energy industry
geologist and geophysicist, Jersey Channel Islands
Geologist, specialised in plate tectonics and palaeographic evolution, Director of Tectonic Analysis Ltd (UK), Adjunct Professor at Rice University (USA)
Research Scientist, Ulster University, lifetime career in microbiology, biochemistry and environmentalism

United Kingdom continued

- Clive Randle
 - Jonathan Charles Read

 - Dr. Colin Richard Reeves

 - Ceri Reid
 - Chris Rice
 - Steven Andrew Richards

 - Michael F. Ridd
 - Philip Risby
 - Anthony Robb
 - Salmaan Saleem
 - Dr. José Sánchez-Morales
 - Richard Saumarez
 - Charles Savage

 - Robert M. Schneider
 - Michael Seymour
 - Stephen Silverstein

 - Mike Sluman
 - Dr. Ian Smith
 - Mike Stigwood
 - Leslie Thomson
 - Edwin Thwaites

 - Derek Tipp

 - David Todd

 - Paolo Emilio Trevisanutto
 - Mark Tucker

 - Neil Upton
 - prof. Anton van der Merwe
 - Matthew David Waggener
 - Dr. Glenn K. Wakley

 - Professor David Wastell

 - Paul White

 - Philip Linden Wilkes
 - Jay Willis
 - Matt Wood

 - Alison Wright

 - Valentina Zharkova

 - Ivor Zoefitig
- Geologist, Fellow of the Geological Society of London
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)
Emeritus Professor of Operational Research, Coventry University, Expert in Mathematical Modelling
PhD Electrical and Electronic Engineering, Sonar Specialist
BEng(Hons) Engineering & Environmental Science
MSc, Retired Chartered Engineer, Retired Lecturer from Portsmouth University and Southampton Solent University
Geologist, Fellow of the Geological Society of London
BSc Engineering, Retired environmental consultant, patent holder
PhD, Retired Chemist
Family Medicine Doctor
Doctor in Geology, analysing paleoclimate cycles and software expert
Biomedical Engineer from Imperial College
BA, BSc, MA (Oxon.) in Chemistry, CEO of CP Pharmaceuticals (Retired)
MSCE, retired Civil Engineer
Geologist, Fellow of the Geological Society of London
BSc Graduate of Queen Mary University, London, in chemistry with geology
Retired teacher with an honours Degree in Environmental Biology
MSc Maritime Archaeology, PhD Chemistry
Environmental Researcher
Retired Vice President Operations, BP Exploration, Aberdeen
Retired Principal Lecturer in Organisational Analysis and Crisis Management, University of Central Lancashire, Predton
BSc honours degree in chemistry, former research chemist and retired science teacher, currently councillor on New Forest District Council
retired Associate Member of the Institute of Bankers, Post Graduate Certificate in Business and Management
PhD in Physics, Senior Computational Scientist
BSc of Science Geophysics, Serial Entrepreneur and Scientific Advisor to APPG for Industrial Hemp
Retired GP UK
MD, PhD, Professor in Molecular Immunology
Financial professional, strategic consultant on business investments
Emeritus Associate Professor Biological Science, Fellow of the Royal Society of Biology and member of The Anatomical Society
Emeritus Professor of Information Systems at the University of Nottingham
B.Sc. Physics, Durham University, Retired, Former Higher Scientific Officer Marine Climatology
Life time Experience in Marine Biology
Marine Scientist, Associate of the OxNav Group of Oxford University.
BSc in Metallurgy & Materials Science, Retired Airline Pilot, Patent holder
BSc MSc. Systems Engineer, Energy Policy, Sustainable Development policy.
Professor of Mathematics and Astrophysics, Northumbria University, Newcastle upon Tyne
International communications coach specialised in chaodynamics and NLP LP



452 SIGNATORIES FROM UNITED STATES OF AMERICA

2 WCD Ambassadors

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

450 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
- 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

United States of America continued

- 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
- Robert L. Bradley jr.
CEO and Founder of the Institute for Energy Research
- David Brand
PhD Biology, Immunology and Biochemistry Scientist since the early 1990's
- Donald Bretches
PhD Physical Organic Chemistry
- Dr. William Briggs
Alumnus Cornell University, Writer and Philosopher
- Daniel Brimhall
MS Extractive Metallurgy, University of Utah, retired Vice President Operations, American Chemet, East Helena, MT, now active as consultant
- Clare Livingston (Bud) Bromley III
BS Natural Sciences, scientific instruments
- Dr. Larry Frank Brown
PhD in Range Plant Ecology (Ecophysiology) from Colorado State University (1974), President of L.F. Brown & Assoc. Inc.
retired petroleum engineer
- Joel M.G. Brown
technology and business consultant for over 30-years in the telecommunications, transportation, aerospace, software, defense, manufacturing, and biotechnology industries.
- James Brucher
Retired after lifetime career in engineering & building nuclear & fossil fuel fired steam power plants
- Gerald Brunetto
Director of Engineering at Defense Engineering Corporation
- Clifford Brust
PhD, Aquatic Biologist, Consultant
- James W. Buell
Senior Process Engineer at R.C. Costello & Assoc. Inc
- Robert Bugiada
Data Research Specialist
- Frits Buningh
retired geologist. Field geologist/manager with decades of experience in exploration (minerals & coal), mine development (gold, copper, coal & magnesite) and environmental monitoring .
- Bohdan Burban
PhD, Theoretical Physicist
- Lior Burko
PhD, Applied Philosophy with a specialization in Environmental Ethics, past Senior Fellow of the National Center for Policy Analysis, now Senior Fellow Heartland Institute
- Dr. H. Sterling Burnett
System and Computer Scientist, Expert Reviewer of AR5 and AR6, Member of the CO2 Coalition and Creator of the SeaLevel.info website
- David Burton
MA in mathematics, lifetime career in data science
- Mark Shane Butler
Civil Engineer Retired
- Barry Butterfield
BS and MS Engineering, Physics and Optics
- George Buzel
Pollution Meteorologist, life time experience in the electric generating business, retired Director of the Environmental Energy Alliance of New York
- Roger Caiazza
mechanical engineer with 35 years in the industrial automation business; experience in modeling, simulation, and analysis of very complex systems
- Ron Cakebread
PhD, Retired Analytical Chemist and Environmental Scientist
- Sharon R. Camp
PhD, Author Books on Logic, the Scientific Method and the Philosophy of Science
- Nick Capaldi
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 M. Cape

United States of America continued

- John Carr
Electronic Engineer, specialised in antenna and satellite installations
- Marion G. Ceruti
PhD Chemistry, Retired Research Scientist, Space and Naval Warfare Systems Center Pacific
- Dr. Francis Cheng
Professor of Chemistry with specialties in carbon materials, batteries and energy conversion, University of Idaho
- Mitchell R. Childress
Archaeologist and Cultural Resource Environmental Compliance Specialist, Commonwealth Heritage Group
- Prof. Krishnan Chittur
emeritus-professor in chemical engineering and biotech, Univ of Alabama Huntsville, cofounder of medical diagnostics startup (genecapture)
- Terigi Ciccone
Engineer, author of "A Hitchhiker's Journey Through Climate Change," and a proud former Sierra Club member
- Prof. Claudio Cioffi-Revilla
PhD, DSc Pol, Distinguished University Professor Emeritus at George Mason University
- Roy Clark
Climate Researcher, Retired Engineer, California
- Bob Cohen
Certified Consulting Meteorologist (CCM), MS in physical oceanography from Texas A&M University and a BS in meteorology from Penn State University
- Dr. Richard Collingham
PhD in Engineering, Professor for 16 years teaching Graduate Level Heat Transfer and Fluid flow courses
- David Collum
PhD in Chemistry, Professor of Chemistry (organic/organometallic chemistry)
- Sabin W. Colton
PhD, Biochemist and Marine Biologist
- Michael Combs
Major, US Air Force, Retired; Retired Lockheed Missiles and Space Company Environmental Protection Auditor
- Gary Cooke
MSc. Geophysical Sciences, Laboratory analyst and manager, studied sea level curves since the 1980s
- George Copeland
PhD, Electrical Engineering, Computer Architect, Software Architect, Physicist, retired
- 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
- 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

United States of America continued

- Terry Donze
BS-Geological Engineering, Lifetime Career in Geophysical Consulting
Petroleum Engineer, lifetime experience in the geo-energy industry
- Michael Down
Geologist and Geophysicist
- Jack D. Downing
MSc, 36-year professional career as a rocket and spacecraft propulsion
engineer, awarded six patents in the field of rocket propulsion
- Gordon A. Dressler
Senior Policy Advisor, Committee for a Constructive Tomorrow
(CFACT) and Congress of Racial Equality (CORE)
- Paul Driessen
Physicist, Founder of AWED Alliance
- John Droz jr.
PhD Metallurgy, Former Director of Research Inland Steel, Former
Asst. Professor Clemson University
- Dr. William DuBroff
MBA University of Houston, BSEE University of Notre Dame, 45 years
of experience in environmental permit compliance
- John Dueker
BScEE, MBA, former Corporate Vice President for Total Quality and
Environmental Management, Retired
- Murray Duffin
MD, JD, Lecturer Carl R. Darnall Army Medical Center, Fort Hood, Texas
- John Dale Dunn
AI research and development (Retired)
- Jack Edwards
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
- stephen Einhorn
Second generation oil and gas explorationist
- Guy Ellison
PhD, MPH, FFACE, Retired UCLA Research Professor in Epidemiology,
President of the Scientific Integrity Institute, Los Angeles
- Prof. James E. Enstrom
Nuclear Engineer
- Kenneth Epperson
BA in mathematics and physics
- Richard G. Eramian
Generalist and Author of many (peer-reviewed) critical Climate
Articles with numerous Citations
- Willis Eschenbach
Adjunct Professor University of Pittsburg, PA, Doctor of Science
in Nuclear Engineering (Un. Fo Viginia), Retired Manager from
Westinghouse Electric Company
- Vincent Esposito
Retired Physicist trained in Condensed Matter Theory, PhD (Physics),
University of Michigan, 1978
- Douglas Fairbent
BS chemistry, MSE air pollution measurement, PhD Photochemistry,
Consulting environmental engineer
- Dennis Falgout
Fellow of the US National Academy of Engineering
- Peter Farrell
professional aerospace engineer
- Ralph English Fisler
American lawyer based in Geneva, litigating against the UN, WMO,
WIPO and other IOs on behalf of staff members, whistleblowers and
injured third parties
- Edward Patrick Flaherty
Research Scientist, Author of Book on Carbon Dioxide Fallacy, Retired
President Global Aerospace
- Rex Fleming
Geosciences Manager Extraction Oil & Gas
- Jim Folcik
BS and MS in Geology, University of Kentucky, 30 plus years in the
energy industry, including experience in uncertainty and probability
analysis.
- William Foley
B.S.E.E. , M.D. Retired Engineer and Physician
- James Forensky
Vice President of Geology/Geophysics
- John Fortier
Geoffrey Q. Fox, Retired Neuroscientist, PhD in Anatomy and
Physiology from the University of California, Berkeley
- Dr. Geoffrey Q. Fox
PhD, SLAC National Accelerator Laboratory, Stanford University
- Patrick Frank
Lifetime of Experience in Research and Forecasting in Tropical
Meteorology, Former Director National Hurricane Center
- Dr. Neil Frank
PhD, Water Resources, President, River Research & Design, Inc
- Gary Freeman
Trend Resources LLC, Resources Exploration Geologist with +55 years
of experience in the geological sciences field
- Robert S. (Steve) Friberg
Astrophysicist, Board of Directors CO2 Coalition, Co-founder Global
Warming Realists
- Gordon J. Fulks
Biology Teacher at Preparatory High School of Mathematics, Science,
Technology and Careers, Calabash, North Carolina
- S. Fuller Hunt
accelerator physicist, climate realist
- Lynn Warren Funk
Physicist, Retired Semiconductor Executive
- Terry Gannon

United States of America continued

- 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
- 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

United States of America continued

- Howard C. Hayden
Emeritus Professor of Physics, University of Connecticut
- David Heald
Retired Electrical Engineer
- Donald R. Healy
BS, Degree in Forest Management from Oregon State University, Participated in Anthony Watts' first Surface Station Project
- Dennis E. Hedke
CEO-Hedke Geoscience Consulting, LLC, presented the 2018 testimony on Seal Level Rise before the Committee on Environmental Protection of the New York City Council
- Tony Heller
Geologist, electrical engineer, climate communicator at realclimatescience.com
- Edward G. Helmig
Environmental Engineering Professional in the field of Industrial Water Treatment and Environmental Protection
- Oliver Hemmers
Retired Executive Director of the Harry Reid Center at the University of Nevada, Las Vegas
- James D. Henry
Consulting Geologist, BS Geology, U Texas Austin, 1970, founder of Old Aulacogen, L.P. in 1991
- Glenn C. Hillam
Big Data Architect/Scientist
- Gary L. Hoe
PE, Retired Colonel USAF, Technical Director of several Nuclear Weapon Effects Tests at the Nevada Test Site, Member Scientists for Accurate Radiation Information (SARI)
- Harald Hoegberg
Independent Geologist
- Aaron Hogue
PhD, Associate Professor, Department of Biological Sciences, Salisbury University
- Jim Hollingworth
Social Scientist, Book: 'Climate Change: A Convenient Truth'
- Dr. Gary M. Hoover
Geophysicist, Lifetime Experience in the Geo-Energy Industry, Retired Member Board of Directors Geo-Service Company
- Christopher Paul Horger
lifetime experience in optical network design
- Jerry C Hornbuckle
Retired Rocket Scientist
- Walter Horsting
Energy Expert, CEO of Global Village Utilities, Large Technology Projects Developer for 4th generation Thorium applications.
- Captain Thomas C. Houghton
USNR (Rtd), Qualified Nuclear Engineering Officer; Sr. Director, Reactor Programs, Nuclear Energy Institute
- J. Stephen Huebner
PhD, Retired Research Geologist, U.S. Geological Survey
- Edward Huff
PhD, Retired NASA Senior Scientist
- John Hunt
MD, pediatrician, former tenured Associate Professor of Pediatrics, medical missionary, patent holder, and writer about contamination of science by politics
- Richard W Hurst
PhD, Emeritus Professor of Forensic Environmental Geochemistry and Planetary Sciences, California State University, Los Angeles
- Gamaliel Isaac
PhD, Retired senior software engineer of the Department of Radiology of the Hospital of the University of Pennsylvania
- 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.
- Randy Johnson
Retired VP of Engineering and Geoscience Technology at two Fortune 500 independent oil companies
- Laurence N. Johnson
Lt Col, USAF (Ret), MS in meteorology, MSE in aerospace engineering
- Stephen Albert Johnston
BS Molecular Biology, Phd Genetics, Phd Plant Breeding/Genetics, Postdoc Biochemistry, CEO, CSO Inventor
- John Joyce
Climate Narrative Challenger
- 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.
- James Kelly
PhD Physics, data science executive
- Kerry Kelly
Geology degree, Energy and Environment Professional
- Kathryn E. Kelly
President Delta Toxicology
- Michael L. Kelly
US Navy, BS, Tool Design Engineer (retired)

United States of America continued

- Hugh Kendrick PhD, Retired Director Plans and Analysis, Office of Nuclear Reactor Research, US Dept. of Energy, Fellow American Physical Society
- Robert Kernodle independent researcher in public health issues.
- Kevin T. Kilty Adjunct Prof. Mechanical Engineering at University of Wyoming
- Fred Kinsley Retired Geologist (MSc)
- Kevin Kirchman Editor of the Climate Science Journal, more than a decade in renewable energy engineering
- Floyd Lee Knapp BSc Portland State University, 300 level Geography and Climatology
- Stephen C. Knowles Marine Scientist and Geologist, Beacon, New York
- Kenneth D. Kok retired Nuclear Engineer, ASME Fellow, Past Chair of the ASME Nuclear Engineering Division and the ASME Energy Committee
- Mark Konya P.E., B.S. Ed. Mathematics, B.S. Physics, M.S. Nuclear Engineering, M.A. Physics
- Alex Kozinski Retired Judge on the US Court of Appeals
- Wayne P. Kraus Member American Institute of Chemical Engineers (AIChE)
- Ernest LaFlure Geoscientist and Energy executive for 45 years. Key interests in paleoclimate, climate change and energy policy. Currently a member scientist in the CO2 Coalition.
- Kirk Laird retired Oceanographer and Meteorologist (US Navy), Geologist with US Bureau of Land Management
- Richard Lambert Retired Program Director for the Physical Oceanography Program at NSF: Tropical Ocean/Global Atmosphere (TOGA), and World Ocean Circulation Experiment (WOCE).
- Richard Lang MSc Geophysics
- Prof. Donald Langmuir PhD, Emeritus Professor of Geochemistry, Depts. of Chemistry, Geochemistry, and Environmental Sciences, Colorado School of Mines. 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,
- 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

United States of America continued

- Wally Manheimer Retired from the US Naval Research Lab and life fellow of APS and IEEE, Author of “Mass Delusions, how they harm sustainable energy, climate policy, fusion and fusion breeding”
- Prof. Paul Manner MD FRCS, Joint Replacement/Hip and Knee Arthritis, Department of Orthopaedics and Sports Medicine, University of Washington
- James A. Marsh Emeritus Professor of Immunology, Cornell University, Dept. of Microbiology and Immunology
- David Martinovich General Science Teacher, grades K-12, United States, China, and Belize
- 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 Mauer† 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
- Donald May BS, PhD Chemistry, Research Fellow. (Retired)
- Andy May Writer and Retired Petrophysicist
- 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
- Dr. Neil J. McCarthy Jr. Financial Consultant at N J Mc Carthy & Assoc, PhD in Organic Chemistry Cornell University
- 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
- Michelle Michot Foss PhD, fellow in energy, minerals and materials at Rice University's Baker Institute
- 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
- Guy K. Mitchell Jr. graduate mechanical engineer and physicist with extensive research in the field of anthropogenic global warming
- 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

United States of America continued

- 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 Amstrong 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
- 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
- Steven Palmieri, Ph.D., D.O. MSc & PhD in Chemistry, Doctor of Osteopathic Medicine, Former Chemist & Virologist, Medical Doctor - Retired
- 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
- 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 Professor of Biochemistry and Molecular Biology
- Charles W. Pennington Senior Vice President of Engineering NAC International (Retired), Secretary, XLNT Foundation, Board of Directors
- Morgan Perry MS, MBA, Founder and CEO of Stratus Aero, LLC an aviation technology company focusing on aerial directed energy for human betterment, patents in aerial directed energy.
- Jeffrey S. Philbin Retired Nuclear Engineer Sandia National Laboratories, Independent Consultant in Nuclear Facility Design and Safety Analysis, Nuclear Criticality Safety and Weapon Response
- Richard Phillips Retired Thoracic Surgeon, Active Public Health Advocate
- Dr. Robert B. Phillips retired from radio astrophysics, specialised in calibration and validation of orbital IR and visible sensors (GOESS, STSS-1 and -2)

United States of America continued

- Nina Pierpont MD, PhD. Ecology and medicine. Author, Wind Turbine Syndrome: A Report on a Natural Experiment.
- James Richard Poirier BS degree in Meteorology, Lifetime Career in Atmospheric Science
- James M. Policelli Registered Professional Engineer
- Herman A. Pope Retired Aerospace Engineer NASA-JSC
- Willem Post Independent Researcher regarding Energy and Environment
- Darrell Potter Retired Geologist/Environmental Hydrogeologist
- Dr. William H. Pound PhD Major in Industrial Engineering with Minor in Materials Science
- Dr. Victor Privalsky PhD in math, PhD in physics, lifetime career in applications of theory of random processes for analysis and extrapolation of scalar and multivariate time series
- Kenneth L. Purdy Management Consultant, Retired Naval Officer in Operational Intelligence
- Dr. Marisol Quintanilla PhD, Assistant Professor of Nematology, Michigan State University
- Jilong Rao PhD in Geochemistry from Yale University... A retiree in Virginia.
- Michael Rath BS in Forest Management, Michael Rath, 55 years in Forest Management
- 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
- Anthony Robledo IV MSc, Environmental Scientist, United States Environmental Protection Agency
- 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 L. 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 Saterlee 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)
- Dana H. Saylor Sr. a lifelong agriculturalist, retired, article "Living a lifetime of climate change"
- 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

United States of America continued

- 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
- 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
- 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
- Robert P. Smith PhD, PE, Environmental Scientist and Professional 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
- Robert M. St. Louis MSc in geology, owner of Mine Water Consulting LLC
- 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 Quinalt 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

United States of America continued

- Gerald M. Sulzer MS Chemical Engineer, Retired Director of Technology, Albemarle Corporation
- Soames Summerhays Marine Biologist, Film Maker
- Stephen Sutton a participant in competitive energy markets, patent holder of a rotational movement multiplier device.
- Dr. Daniel P. Taggart PhD in Experimental Plasma Physics, life time career in Controlled Thermonuclear Research and Radiation Protection at Los Alamos National Laboratory
- Tomer D. Tamarkin Physicist, Founder and President/CEO of Energycite Inc., President and Chairman of ClimateCite Inc.
- Paul Taylor Energy Economist, Recipient Rossitor Raymond Award, San Clemente, CA
- Bradley Thomas M.A. Air Pollution Meteorology
- M. Ray Thomasson Certified Petroleum Geologist; Certified Petroleum Geophysicist. Recipient of Michael T. Halbouty Award from AAPG and Heroy Award from AGI. Distinguished Alumni from MU/UW.
- Francis Thompson Space Vehicle Engineer, Masters in General Relativity
- David E. Thompson Professor Emeritus Mechanical Engineering and Computer Science, Dean Emeritus College of Engineering, University of Idaho
- 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 Trzuppek 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
- David Williams PhD, University Distinguished Professor Emeritus, Oregon State University

United States of America continued

- Brock Williams
PhD, Lifetime research scientist with subjects from molecular to population pathology with a special interest in immunopathology and atopic disease
- Jeff Wilmer
B.Sc. Physics, Post Undergrad Studies: Atmospheric Physics & Chemistry, Industrial Capitalist and Innovator
Certified Petroleum Geologist
- Steven Wilmoth
PhD in Geological Sciences, Retired, former Professor and Researcher on Plate Tectonics, Paleoclimate and Paleoceanography
- Kevin Wilson
PhD in Chemistry, Writer, Member of CO2Coalition
Cognitive Scientist
- Terry Winters
Adjunct Professor University of Houston at Clear Lake, Expertise in Energy Management
- David Wojick
PhD, President, National Association of Scholars
- Dr. Calvin M. Wolff
BSChE, MBA; former lead technical engineer in development of space station and space launch vehicles
Expert Reviewer IPCC, Geologist, Author, Executive Director CO2 Coalition
- Peter Wood
PhD, retired from Penn State
- Michael Wood
Past President of Yates Petroleum Corporation
publisher Youra media, creator and editor of Carbon Tax News
PhD Research Scientist
- Gregory R. Wrightstone
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.
- Walter Yarbrough
- Frank Yates Jr
- Dan Youra
- Karl Zeller
- Ronald B. Zelt
- Matthew Ziska
- Hannes Zuercher
- Bob Zybach



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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