

World Climate Declaration

THERE IS NO CLIMATE EMERGENCY

1904 SIGNATORIES



GLOBAL CLIMATE INTELLIGENCE GROUP

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There is no climate emergency

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

Natural as well as anthropogenic factors cause warming

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

Warming is far slower than predicted

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

Climate policy relies on inadequate models

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

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

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

Global warming has not increased natural disasters

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

Climate policy must respect scientific and economic realities

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

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

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



The undersigned:

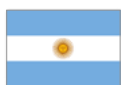
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TOTAL SIGNATORIES 1904



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- Viv Forbes

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- Ian Plimer

Professor Earth Sciences, The University of Melbourne

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- Dr. Colin M. Barton

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Director GCB Investments Pty Ltd.

lifetime of international experience in law, retired Magistrate and Coroner on the bench

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- Geoff Brown
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Organizer of a Critical Climate Group

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

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retired electrical engineer with thirty years experience in the Australian mining and mineral processing industry
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PhD, DSc, Emeritus Professor, former Executive Dean UWS, Former Chief Research Scientists CSIRO, Low Emissions Transport Fuels Leader
- P.C. Wilson
Former Journalist with the A.B.C. Queensland
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Professional Chemical Engineer, Melbourne
- Philip Wood
Qualified Lawyer in four Jurisdictions (Australia, New York, UK and Hong Kong), CEO of two ASX-listed Companies operating in the Mining and Minerals Processing Fields
- Michael Wort
BSc Geology, MSc Mineral Process Design, PhD Mineral Technology, Geologist interested in impact of high levels of atmospheric CO₂ as trigger for formation of limestone deposits



8 SIGNATORIES FROM AUSTRIA

8 Signatories

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Berg Ingenieur, Climate Realist

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- Hans Dirk Struve
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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

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1 SIGNATORY FROM BANGLADESH

1 Signatory

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1 SIGNATORY FROM BARBADOS

1 Signatory

- Fred Corbin

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



36 SIGNATORIES FROM BELGIUM

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- Ferdinand Meeus

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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 restauration of fragile ecosystems

Brussels Polytechnic, Civil Engineer

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Docteur en Biologie et Entrepreneur en Biotechnologie

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Professor of Energy Geopolitics at the Free University of Brussels

Emeritus Professor of Chemistry, Free University of Brussels and Expert Publicist on Climate Science

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Civil Engineer Applied Mechanics, Retired lecturer in thermo- and aerodynamics

degree in business administration and economy, retired coach of companies in increasing the effectiveness of their organization

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“The agronomist-philosopher” (independent researcher), Agronomist (Soil science)
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1 SIGNATORY FROM BOLIVIA

1 Signatory

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22 SIGNATORIES FROM BRAZIL

1 WCD Ambassador

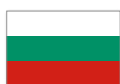
- Dr. Thiago Maia
Nuclear Physicist, PhD in Astrophysics

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)
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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?’
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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
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Biologist, Specialist in Environmental Management



2 SIGNATORIES FROM BULGARIA

2 Signatories

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



145 SIGNATORIES FROM CANADA

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- Patrick Moore
Ecologist, Chair CO2 Coalition, Co-Founder Green Peace

143 Signatories

- Steven Ambler
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- John Andersen
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- Peter Andreadis
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- Dr. Grant Armstrong
Leadership development and coaching
- Russ Babcock
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- 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
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PhD, Physique, INRS-Centre de Recherche en Énergie, Montréal
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Professional Geophysicist, President of Friends of Science Society
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Canada continued

- 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 Departement 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
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PhD of Economics, Professor of Economics, Emeritus, University of Ottawa
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Thermal/Power Engineer
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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
- Dr. E. David Day
BSc, PhD, Chemistry
- A.E. Dixon
PhD, Emeritus Professor of Physics, University of Waterloo
- Eric Ducharme
MSc, Géologie, Abitibi
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- Christopher Essex
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Anaesthesiologist, B.A., M.D., FRCPC
- André Forgues
Meteorologist/Aerologist
- Jeffrey Foss†
Professor of Philosophy of Science, University of Victoria; Former WCD Ambassador
- Joseph Fournier
PhD, Expert in Physical Chemistry
- 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
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Professional Engineer, Director Friends of Science Society
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PhD in Environmental Science and Decision System, Regional Planner and Associate Professor
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Retired Research Scientist Environment Canada, Advisor to the Georgian Bay Association
- John Hastie
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Professional Engineer registered with the Association of Professional Engineers and Geoscientists of Alberta (APEGA)
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Canada continued

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- 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
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- Dick Leppky Retired businessman and Independent Truth Seeker
- Richard Lewanski BSc (Hons) in Geophysics from the university of Manitoba, Exploration Geophysicist, Founder and CEO of several exploration and production companies in the oil industry
- H. Douglas Lightfoot Research Engineer in the Chemical Industry, Co-Founder of the Lightfoot Institute, papers on Alternative Energy and Atmospheric CO2
- Gerald Machnee Retired Meteorologist, Environment Canada
- Allan M.R. MacRae Retired Engineer
- Paul MacRae Independent Climate Researcher
- Joanne Marcotte Bachelor's Degree in Computer Engineering and Author of "Inconvenient Doubts - Climate Change Apocalypse: Really?"
- Michael Martinz Radio Podcast Host, Climate Realist, Activist, former Industrial Consulting Forester
- J. David Mason Applied Geologist, BSc, Applied Geology, MEng., Mining
- Stuart McDonald Retired Canadian Insurance Broker
- Dwight McIntosh degree in physics and geology at the University of Alberta, lifetime of experience in the geo-energy industry, advisor on how to cope with financial penalties for GHG emissions
- Norman Miller Former P.Eng, now Retired
- Ron Mills Geologist/geochemist Emeritus NS Geological Survey
- Randall S. Morley veterinary epidemiologist, retired
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- Roland Moutal Teacher Physics and Chemistry at Vancouver Community College

Canada continued

- 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
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- Marcelo C. Santos Professor of Geodesy, University of New Brunswick
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- Ian de W. Semple Retired Exploration Geologist and Mining Investment Analyst of McGill University
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- Rodolfo (Rudy) Spatzner graduated from Environmental/Civil Engineering Technology, Humber College, Ontario, lifetime experience in wireless networks across North America
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Canada continued

- Graydon Tranquilla
BSCEE, Electrical Power, Senior Electrical Engineer (retired), now an energy advisory consultant
- V Ismet Ugursal
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- Marc Vallée
PhD, Geophysicien
- Petr Vaniček
Dr. Sc, Professor Emeritus of Geodesy, University of New Brunswick
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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

3 Signatories

- Juan Luis Edwards Velasco
Civil engineer in hydraulics, Universidad Católica de Chile, Master in hydraulic engineering, Universidad de Santander, Spain
- Rafael Muñoz Canessa
Part time Academic University of Talca, Economics and strategic management
- Carlos Varea
Energy Engineer



4 SIGNATORIES FROM CHINA

4 Signatories

- Dr. Robert Hanson
PhD, BA (Hons), MA, LL.M, PGCE, CPE, Barrister
- Guang Bao Liu
BSc and MSc in Atmospheric Physics, Author of “The Principle of Periodic Changes in Earth’s Climate”
- Wyss Yim
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1 Signatory

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



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1 Signatory

- Darko Krstic

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



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- Pavel Dudr
- Marek Eiderna
- Tomas Furst
- Vaclav Hubiner
- Pavel Kalenda
- Václav Klaus
- Peter Kopa
- Lubos Motl
- Dr. Milan Salek
- Ivan Spicka
- Dalibor Štys
- Gary M. Vasey
- Ing. Miroslav Žáček

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

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

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

Retired Ambassador, Anthropologist, Climate Policy Commentator for www.forum24.cz

PhD, CSc., Coal Expert

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

Lawyer, Writer, Publisher, Founder of thinktanklatam.org

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

PhD, Freelance Meteorologist and Consultant

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

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

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

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



15 SIGNATORIES FROM DENMARK

1 WCD Ambassador

- Jens Morten Hansen

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

14 Signatories

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

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

MSc Economics, Climate Economics, Cost benefit analysis of CO2
Emeritus Associate Professor, Linguistics and Philosophy of Science, President Nordic Association of Linguists (NAL), Director, Center for Linguistics, Aalborg University

Emeritus Professor, Department of Mathematics, University of Copenhagen

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

Denmark continued

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



1 SIGNATORY FROM ECUADOR

1 Signatory

- Fernando Villon

Professional Chemical Engineer
Emeritus Professor, Dr. Scient, Department of Geosciences and Natural Resource Management, University of Copenhagen
PhD, Natural Sciences
Senior Lecturer, Business Academy Aarhus (statistics)
Metering Engineer
Bsc in Electrical Engineering from Denmark Technical University, lifetime career at IBM Denmark Aps
Geophysist/Geologist, Associate Professor Institute of Nature and Environment, Roskilde University
Master of engineering, Technology of oil and gas processing

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



1 SIGNATORY FROM ESTONIA

1 Signatory

- Andres Saukas

Diploma Electrical Engineer, Estonian Society of Moritz Hermann Jacobi



6 SIGNATORIES FROM FINLAND

6 Signatories

- Merit Enckell
- Christer Kald
- Simo Mykkanen
- 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

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



110 SIGNATORIES FROM FRANCE

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- Benoît Rittaud

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

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- Jean-Charles Abbé
- Pascal Acot
- Bertrand Alliot
- Yacine Amara
- Frédéric Antoine
- Charles Aubourg
- Hervé Azoulay
- Guy Barbey
- Jean-Pierre Bardinet
- Yorik Baunay

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)

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University Professor (Ret.), Chairman and CEO, Société de Calcul Mathématique SA (Paris)
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Retired Associate Professor of Economics at Institute of Political Studies of Grenoble (SciencesPo Grenoble)
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Emeritus Professor (University of Strasbourg), Former Director of the Institute of Chemistry of the CNRS
- Pierre Beslu
Former Researcher and Head of Department in the French Nuclear Energy Commission (CEA)
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PhD, Human Geography, Emeritus Professor, Former Associate Researcher at the MMSH (Aix-en-Provence)
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PhD, Agronomy, Director of Research in a Company (impact studies in Environmental Issues, Sewage Treatment)
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Head of Laboratory at Grenoble Nuclear Research Center, President of the Fédération Environnement Durable and the European Platform Against Windfarms
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Msc in Physics, life time experience in Complex Systems Modeling and Data Analysis in the Aerospace industry
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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
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Forest Engineer, Retired Director of the National Alpine Botanical Conservatory (2008-2013)
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PhD, Retired Chemist Engineer, Expert for the French Academic Evaluation Agency (AERES)
- Philippe Colomban
CNRS Research Emeritus Professor, Former Head of Laboratory at Université Piere-et-Marie Curie, Expert in Hydrogen-based Energy Storage
- Jacques Colombani
Former Research Director ORSTOM-IRD, numerous Studies in Hydrology and Climatology and Specialist in Fluid Mechanics, Member of the Board of ORSTOM for twenty years
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Geophysicist, Member of the French Academy of Sciences, Former Director of the Institute de Physique du Globe de Paris
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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
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France continued

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- Bernard Grandchamp Agronomic Engineer and Environment & Plant Defense Expert, Managing Director of Famoux Chateaux Viticoles in Bordeaux
- Gilles Granereau Former Meteorologist, currently Project Manager Environment and Tourism, Worked on Coastal Risks, Marine Erosion, Sand Dune Fixation, Hydraulics, Forest Management, Botany
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- Ed Hoskins MSc, Founder of Applied Research of Cambridge
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- Vladimir Klein lifetime career in renewable energy projects, patent holder in aerobic composting of organic waste
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- 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
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- Christian Marchal Astronomer and Mathematician, Former Research Director at the French National Office for Aerospace Studies and Research
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- 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'

France continued

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- 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
- 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"
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- 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 Paléoenvironments, Quaternary and Holocene
- Théa Vogt Retired CNRS Searcher, Géomorphology, Quaternary Paléoenvironments, Soil and Desertification Remote Sensing
- Henry Voron Retired Civil Chief Engineer, specialized in Water Management



114 SIGNATORIES FROM GERMANY

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- Patrick A. Baeuerle

Serial entrepreneur, co-founder of eight biopharmaceutical companies, cancer drug developer, inventor, molecular biologist, and a member of the CO2 Coalition

- Hans-Jürgen Bandelt
- Dietrich Bannert
- Graham George Baumber

Emeritus Professor of Mathematics, University of Hamburg
Professor Honoris Causa, University of Marburg
former agronomist & irrigation crop specialist, business man & investor

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

Dr. in Chemistry, University of Siegen
Emeritus Professor Chemistry at the Technical University of Berlin
Dipl. Physicist, professional experience in X-ray spectroscopy
PhD in Natural Sciences (Dr. rer. nat), Marine Ecological Researcher
Wirtschaftsingenieur (i.e. a combination of economics and engineering), retired manager with the automotive industry

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

Geoscientist
Prof. (i.R.) Dr.rer.nat , Physics of New Materials, University of Rostock
Agricultural Chemist, OT Warsaw
Dipl. Physiker

- Dr. Joachim Dengler
- Dr. Ing. Rolf Diederichs
- Prof. Dr. Klaus D. Döhler
- Wolf Doleys
- Joerg Dornemann
- Jörg Eichner
- Friedrich-Karl Ewert
- Ludwig E. Feinendegen
- Dr. Dieter Freundlieb

Engineer, Professor of Packaging Technology, BHT, Berlin, expert in Counterfeit Protection, holder of several Patents in this field
Physicist retired, PhD, patent holder in fingerprint analysis, work on relation between CO2 emissions and concentration

- Gerhard Gerlich
- Axel Robert Göhring
- Dr. Klaus-Jürgen Goldmann
- Dr. Christian Habermann
- Eberhard Happe
- Hermann Harde

Studie Eisenhüttenkunde in Clausthal-Zellerfeld, climate realist
Professor of Pharma Sciences, University of Hannover
Retired teacher (high school, college) and writer (essay, poetry, novel)
Msc in Geology, lifetime career in the Geo-Energy Industry

- Prof. Dr. Bernd Hartke

Specialist in situational awareness in crises and risk management
Emeritus Professor Geology, University of Paderborn
Emeritus Professor Medicine

- Manfred Hauptreif
- Dr. Fleck Helmut
- Dennis J. Hendricks

retired senior lecturer Griffith University, School of Humanities, Brisbane, Australia
Emeritus Professor of Mathematical Physics, TU Braunschweig
Doctor of Natural Sciences, EIKE e.V.

- Dietmar Hildebrand
- Dr. Jens Hofele
- Dr. Andreas Hoppe

worldwide experienced petroleum geologist
Dr. in Economics, Investment Manager
Eisenbahningenieur
Emeritus Professor of Experimental Physics and Materials Science, Helmut Schmidt-University, Hamburg
Professor in Theoretical Chemistry, Expert Knowledge in Computer Modelling, University of Kiel

Natural Scientist
langjährige berufliche Tätigkeit als Projektkoordinator in einer Großforschungseinrichtung
Graduated Engineer of Environmental Technologies, Technischen Hochschule Ostwestfalen-Lippe, University of Applied Sciences and Arts

PhD Biophysics and Nuclear Physics, patent holder in fuzzy logic based surveillance, IT expert and development manager
Chemist, developer of low-carbon cement compositions
Systems biologist, Institute for Bee Research

Germany continued

- 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 Kehrer
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
- Gunther Klessinger
Physicist, University at Regensburg Germany and Boulder Colorado
- Dr. André Knoth
PhD in Economics and Organizational Science
- Dr. Torsten Kreer
PhD in physics, 20 years experience in academic research and education, condensed matter physics
- Stefan Kröpelin
Dr. in Geosciences, Free University of Berlin and University of Cologne (Retired), specialized in Climate Change of the Sahara
- Dr. rer. nat Gunter Kümel
lifetime career in virus research in the natural sciences
- Max Kupillas
Dipl.-Ing. Masch.-Bau, retired Prod.Ltr.
- Ulrich Kutschera
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
- Wolfgang Merbach
Professor Dr. Agrar. Habil. at Institut für Agrar Ernährungswissenschaften
- Prof. Lothar W. Meyer
Emeritus Professor of Material Engineering, Chemnitz University of Technology, Saxony Entrepreneur 'Nordmetall GmbH', Member of the Board of 'Vernunftkraft Niedersachsen'
- Marcus Moller
MD, PhD, University Professor of translational Nephrology, RWTH Aachen University, Germany
- Jens Möller
graduate economist, climate realist
- Wolfgang Monninger
PhD, lifetime career in Petroleum Geology (Exploration, Petrophysics)
- Klaus Morawetz
PhD Physics, Professor in Theoretical Physics, Quantum Kinetic Theory, Quantum Statistics
- Werner Mormann
Emeritus Professor of Macromolecular Chemistry, Universität Siegen
- Dipl. Phys. Raimund Müller
education in physics and thermodynamics, climate realist
- Holger Neulen
retired mechanical engineer
- Prof. Dr.rer.nat Dr.med Peter Nielsen
retired Biochemist and Physician from the Universital Hospital Hamburg-Eppendorf, medical faculty of the University of Hamburg
- Rainer Olzem
Diplom-Geologe, Aachen
- Hans Penner
PhD, Dipl.-Chem. Dr. rer. nat., Linkenheim-Hochstetten
- Dr. Dr. Wätzold Plaum
Physicist and YouTuber
- Michael Principato
MSc. in Electrical Engineering, specialised in control engineering and modeling

Germany continued

- Dieter Ramcke
retired geophysicist
- Siegfried Reiprich
Dipl.-Ing, Geoscientist and Oceanography
- Mathias Ricking
Dr. rer.nat Geoscience, Environmental Geoscientist
- Andreas Salzman
Dr. rer. nat. , Diplom Chemiker
- Prof. Dr. Dieter Schildknecht
Professor of theoretical Physics, University of Bielefeld
- Dr. Hendrik Schlesing
Environmental Expert and Consultant
- Hans Joerg Schmidt
Chemical Engineer and Autor of certain books, explaining atmospheric energy exchange and providing arguments against global warming caused by mankind
- Stefan Schmidt
Scientist in the field of Energy
- Christoph Schmidt
MSc Mathematics, JWG-University Frankfurt
- 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. 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>)
- Dipl. Psych. Ulrike Schwan
Professional psychotherapist, psychotherapist look at the IPCC organization
- W.H. Eugen Schwartz
Emeritus Professor of Theoretical Chemistry, Universitaet Siegen
- Dr.-Ing. Christian Singewald
Dipl.-Geologist, PhD Mining Engineering
- Attila Sonal
Dipl.-Ing. der Elektrotechnik, Retired am Technischen Universität Kaiserslautern, Stadtratsmitglied Kaiserslautern, Preisträger Ansaldo Ricerche Price
- Dr. Fritz Sontheimer
Retired Physicist, PhD in Condensed Matter Physics
- Dr. Gerhard Stehlik
PhD Natural Science Physico-Chemiste
- Dr. Wolfgang Strehlau
Phys. Chemist, Technology Fellow in Johnson Matthey Plc, UK
- Lothar Streng
strategy and concept developer, full time writing on a large SF project
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founder and president of the Afrindependent Institute
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Parliamentary adviser in the Bavarian Parliament
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PhD in Physics
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Geologist
- Helmut Waniczek
Dr. Dipl. Ing., Scientist, working 40 years in chemical industry
- 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
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PhD in Theoretical Physics, Emeritus scientist
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Emeritus Professor in Non-linear Physics, Advisor to the European Institute for Climate and Energy, Former President of the German Meteorological Institute, Braunschweig
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Professor of Experimental Physics, University of Hamburg, Germany
- Dr. Peter Willingmann
Dr. rer.nat
- Lutz Wimmer
MSc Climate- and Environmental Change (Geography)



18 SIGNATORIES FROM GREECE

1 WCD Ambassador

- Stavros Alexandris
Associate Professor Agricultural University of Athens, Dept. of Natural Resources and Agricultural Engineering, Sector of Water Resources

Greece continued

17 Signatories

- Ioannis Benekos
PhD in Civil and Environmental Engineering, Senior Researcher, Head of the Laboratory on Risk Management and Resilience at the Centre for Research and Technology Hellas
- 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
PhD, MSc in Chemistry, Chemist, Lyophilization Scientist
- Christos Georgiou
MSc (with Honors) in Biochemistry, PhD in Biology-Biochemistry, Emeritus Professor of Biochemistry
- Dr. Vassilios C. Kelessidis
former Professor at Khalifa University, Texas A&M at Qatar and Technical University of Crete Greece, Lifetime of Experience in Petroleum Engineering
- Christos J. Kolovos
PhD, Mining & Metallurgy Engineer, Former Director of Mine Planning & Contractor Works Dept., Public Power Corporation of Greece
- Emmanouil Kopanakis
Mechanical Engineer, Teacher at the Environmental Education Center of Karpenisi
- Demetris Koutsoyiannis
Professor of Hydrology and Analysis of Hydrosystems at the National Technical University of Athens
- Aristotelis Liakatas
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Associate Professor of Engineering Hydrology and Hydrometeorology at the National Technical University of Athens
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MSc in Waste Management
- 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
- Dr. G.-Fivos Sargentis
Dr Engineer-Sculptor, Dept. of Water Resources; School of Civil Engineering, National Technical University of 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. Dezsó 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 Pécs
- Gábor Simon
MSc Chemical Engineering, University teacher General, Anorganic, Environmental and Analytic Chemistry
- Dr. Gábor Szász
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
- Patrick L. O'Brien
- Owen O'Brien
- J. Philip O'Kane
- Peter O'Neill
- Fintan Ryan
- Christian Schaffalitzky
- Dr. Norman Stewart
- Brian N. Sweeney
- Pat Swords
- Sean Tangney
- David Thompson

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

MSc, MPhil, Senior International Environmental Consultant

Business Founder and Entrepreneur, MBA, DBA

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

Business Entrepreneur, Former Technical Director, CRH plc

BAgricSc, MA, Animal Nutritionist



7 SIGNATORIES FROM ISRAEL

7 Signatories

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

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



204 SIGNATORIES FROM ITALY

1 WCD Ambassador

- Alberto Prestininzi

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

203 Signatories

- Pietro Agostini
- Aldo Aluigi
- Piero Baldecchi
- Achille Balduzzi
- Antonio Ballarin
- Cesare Barbieri
- Donato Barone
- Sergio Bartalucci
- Giuseppe Basini
- Francesco Battaglia
- Marco Benini
- Eliseo Bertolasi
- Giorgio Bertucelli
- Stronzo Bestiale
- Alessandro Bettini
- Antonio Bianchini
- Luciano Biasini
- Mariano Bizzarri
- Paolo Blasi
- Enrico Bongiovanni
- Paolo Bonifazi
- Roberto Bonucchi

Ingegnere, Associazione Scienziati e Tecnologi per la Ricerca Italiana
Nuclear Engineer, Consultant in Power Plants, Cogeneration end District Heating

Lettore

Geologo, Agip-Eni

Fisico, "Chief Artificial Intelligence Officer" della Pubblica amministrazione

Professore Emerito di Astronomia, Università di Padova

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

PhD in Physics, retired

Professore Emerito (Fisica) Università di Padova

Professore di Astronomia, Università di Padova

Emeritus Professor of Numerical and Graphic Calculations, Director of the Faculty of Mathematical, Physical and Natural Sciences of the University of Ferrara

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

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

Insegnante in Pensione

Italy continued

- Giampiero Borrielli
• Francesca Bozzano
- Antonio Brambati
- Gianfranco Brignoli
• Marcello Buccolini
• Paolo Budetta
• Antonio Maria Calabrò
• Monia Calista
• Massimo Canali
- Dr. Andrea Capodaglio
• Cristiano Carabella
• Peppe Caridi
• Franco Casali
- Andrea Casini
- Giuseppe Cautero
- Dr. Fausto Cavalli
• Giuliano Ceradelli
• Augusta Vittoria Cerutti
• Franco di Cesare
• Alessandro Chiaudani
• Luigi Chilin
• Claudio Ciani
- Edoardo Cicali
- Pino Cippitelli
• Carlo Colomba
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• Enrico Conti
• Ferruccio Cornicello
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• Carlo del Corso
• Uberto Crescenti
- Fulvio Crisciani
- Salvatore Custodero
• Roberto d'Arielli
• Francesco Dellacasa
• Alessandro Demontis
- Gandolfo Dominici
- Serena Doria
- Carlo Esposito
• Gianluca Esposito
• Prof. Stefano Falcinelli
- Ingegnere
Professore di Geologia Applicata, Università di Roma La Sapienza, Direttore del Centro di Ricerca Previsione, Prevenzione e Controllo Rischi Geologici (CERI)
- Professore di Sedimentologia, Università di Trieste, Responsabile Progetto Paleoclima-mare del PNRA, già Presidente Commissione Nazionale di Oceanografia
- Geologo
Professore di Geomorfologia, Università di Chieti-Pescara
Professore di Geologia Applicata, Università di Napoli
Ingegnere, Ricercatore, Consulente
Ricercatore di Geologia Applicata, Università di Chieti-Pescara
Associate Professor of Agricultural Economics and Policy, Department of Agriculture and Food Sciences, University of Bologna
PhD, Professor, Environmental Engineering, University of Pavia
Geologo, Borsista presso l'Università di Chieti
- Professore di Fisica, Università di Bologna e Accademia delle Scienze di Bologna
Lifetime career in electronic engineering and radiocommunications, patent holder in wideband radio signals transmission over fiber optics, Member of The Climate Reality Project
MSc in Physics, head of the Instrumentation & Detectors Laboratory, Elettra Synchrotron radiation Source
Agronomist, specialisation in meteorology
Ingegnere e Climatologo, ALDAI
Membro del Comitato Glaciologico Italiano
Dirigente, Agip-Eni
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Relazioni Internazionali, Scienza Politica, Università di Roma La Sapienza
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
Geologo Agip-Eni
- Chimico, Dirigente Industriale
Onorevole, Membro della Camera dei Deputati italiana dal 2018
Physicist, Istituto Nazionale di Fisica Nucleare (INFN)
Fotografo e Lettore di Studi sul Clima
Professore di Geologia Storica, Università di Modena
Ingegnere Chimico
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Professore di Fluidodinamica Geofisica, Università di Trieste e Istituto Scienze Marine, Cnr, Trieste
- Geologo, Borsista presso l'Università di Chieti
Ingegnere, Amministratore di Società nel Settore Energetico
Perito Chimico Industriale, Tecnico per la Gestione delle Acque e delle Risorse Ambientali, Pomezia
PhD in Business Management, Associate Professor of Business Management and Marketing, University of Palermo, Italy
Ricercatore di Probabilità e Statistica Matematica, Università di Chieti-Pescara
Professore di Rischi Geologici, Università di Roma La Sapienza
Geologo
PhD, Professor of Chemistry and Materials Technology, Department of Civil and Environmental Engineering, University of Perugia

Italy continued

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- Aureliano Ferri
Vicepresidente Associazione Piceno Tecnologie
- Maurizio Fiorelli
Sommelier Professionale, Studioso dell'evoluzione nella Coltivazione delle Vigne
- Mario Floris
Professore di Telerilevamento, Università di Padova
- Gianni Fochi
Chimico, Ricercatore in Pensione della Scuola Normale Superiore, Giornalista Scientifico
- Sergio Fontanot
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- Luigi Fressoia
Architetto Urbanista, Perugia
- Mario Gaeta
Professore di Vulcanologia, Università di Roma La Sapienza
- Stefano Galli
MSc. In Chemical Engineering, retired researcher
- Sabino Gallo
Ingegnere Nucleare e Scrittore Scientifico
- Stefano Gallozzi
Degree in Physics, Researcher at the INAF, Italian Institute for Astrophysics, Astronomical Observatory of Rome and presidente of the Safeguarding Astronomical Sky Foundation
- 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
Professore di Geologia Applicata, Università di Padova
- Umberto Gentili
Fisico dell'ENEA, Climatologo per il Progetto Antartide, ora in pensione
- Enrico Ghinato
Perito Fisico
- Mario Giaccio
Professore di Tecnologia ed Economia delle Fonti di Energia, Università di Chieti-Pescara, già Preside della Facoltà di Economia
- Daniela Giannessi
Primo Ricercatore, IPCF-CNR, Pisa
- 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
Agronomo
- Roberto Habel
Professore di Fisica Medica, Università di Cagliari
- Nicola Iacovone
Physicist
- Thomas Kukovec
Tropical Agronomist and Subtropical Field Biologist, Scientific adviser and consultant in research-projects and learned societies
- Alberto Lagi
Ingegnere, Presidente di Società Ripristino Impianti Complessi Danneggiati
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PhD in Material Science of the University of Padova, working on next generation PV
- Luciano Lepori
Ricercatore IPCF-CNR, Pisa
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- Walter Luini
Geometra
- Roberto Madrigali
Meteorologo
- Angelo Maggiora
PhD, INFN Senior Researcher, more than 40 years Experience in Research at CERN, Saclay, Dubna and Frascati
- Franco Maloberti
Emeritus Professor, expert on microelectronics and modelling
- Ettore Malpezzi
Ingegnere
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- Ludovica Manusardi
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- Maurizio Marsigli
Graduated in Geological Sciences and science author on the Sun and Space Meteorology
- Alessandro Martelli
Ingegnere, già Dirigente ENEA
- Francesco Martelli
Professor Emeritus of University of Florence, Former President of European Turbomachinery Society
- Paolo Martini
consultant petroleum geologist with 30+ years of experience
- Salvatore Martini
Professore di Geologia Applicata all'Ingegneria al Territorio ed ai Rischi, Università di Roma "Sapienza"
- Maria Massullo
Tecnologa, ENEA-Casaccia, Roma
- Enrico Matteoli
Primo Ricercatore, IPCF-CNR, Pisa

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Former Professor of Applied Chemistry at Politecnico di Torino, Current research: climate issues, ocean chemistry, CO2 dynamic equilibria in seawater and climate cyclic variations.
- Paul P.A. Mazza
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- Paolo Mazzanti
Professore di Interferometria Satellitare, Università di Roma La Sapienza
- Adriano Mazzarella
Professore di Meteorologia e Climatologia, Università di Napoli
- Marcello Mazzoleni
Teacher and entrepreneur in the training sector, Fondatore del Website MeteoSincero
- Carlo Merli
Professore di Tecnologie Ambientali, Università di Roma La Sapienza
- Enrico Miccadei
Professore di Geografia Fisica e Geomorfologia, Università di Chieti-Pescara
- Gabriella Mincione
Professore di Scienze e Tecniche di Medicina di Laboratorio, Università di Chieti-Pescara
- Umberto Minopoli
Presidente dell'Associazione Italiana Nucleare
- Diego Minuto
MSc Geology, Engineering Geologist, Italy
- Alberto Mirandola
Professore di Energetica Applicata e Presidente Dottorato di Ricerca in Energetica, Università di Padova
- Aurelio Misiti
Professore di Ingegneria sanitaria-Ambientale, Università di Roma La Sapienza, già Preside della Facoltà di Ingegneria, già Presidente del Consiglio Superiore ai Lavori Pubblici
- Maurizio Montuoro
Medico
- Maria Luisa Moriconi
CNR researcher at Institute of Atmospheric Physics (retired) and associate to INAF until 2020
- Renzo Mosetti
Professore di Oceanografia, Università di Trieste, già Direttore del Dipartimento di Oceanografia, Istituto OGS, Trieste
- Prof. Federico A. Nazar
Researcher at Scientific Progress Fund, former Professor at the Pontifical Catholic University of Argentina
- Prof. Rinaldo Nicolich
Emeritus Professor of Applied Geophysics, University of Trieste
- Daniela Novembre
Ricercatore in Georisorse Minerarie e Applicazioni Mineralogichepetrografiche, Università di Chieti-Pescara
- Francesco Oriolo
Professore di Impianti Nucleari, Università di Pisa
- Paolo Emmanuele Orrù
Professore di Geografia Fisica e Geomorfologia, Università di Cagliari
- Sergio Ortolani
Professore di Astronomia e Astrofisica, Università di Padova
- Roberto Pagani
Freelance Geologist
- Alessandro Pagano
Geologist
- Giorgio Paglia
Geologo, Borsista presso l'Università di Chieti
- Massimo Pallotta
Primo Tecnologo, Istituto Nazionale Fisica Nucleare
- Antonio Panebianco
Ingegnere
- Giuliano Panza
Professor of Seismology, University of Trieste, Beno Gutenberg medal 2000, International Award of the American Geophysical Union in 2018
- Emanuele Paone
BSc.(HONS) Geology, M.Sc Geology, Geologist
- Prof. Andrea Pardini
PhD, University of Florence
- Antonio Pasculli
Ricercatore di Geologia Applicata, Università di Chieti-Pescara
- Ernesto Pedrocchi
Professore Emerito di Energetica, Politecnico di Milano
- Davide Peluzzi
Ambasciatore del Parco Nazionale del Gran Sasso e dei Monti della Laga nel Mondo nel 2017
- Corrado Penna
Docente di Matematica
- Enzo Pennetta
Professore di Scienze Naturali e Divulgatore Scientifico
- Gianni Pettinari
Impiegato Amministrativo, Fondatore del gruppo Facebook: "Falsi allarmismi sul riscaldamento globale"
- Alessandro Pezzoli
Ricercatore universitario e Professore aggregato in Weather Risk Management, Politecnico di Torino e Università di Torino
- Tommaso Piacentini
Professore di Geografia Fisica e Geomorfologia, Università di Chieti-Pescara
- Stefano de Pieri
Ingegnere Energetico e Nucleare
- Paolo M.J. Pilli
Pensionato
- Massimo Pilolli
PhD Physics, Physicist, Meteorologist, Teacher

Italy continued

- Stefano Piotto PhD in Chemistry, Associate professor in Chemistry at the University of Salerno
- Mirco Poletto Geologo libero professionista, registered at 'Ordine dei geologi del Veneto'
- Andrea Pomozzi Presidente Associazione Piceno Tecnologie
- Guido Possa Ingegnere nucleare, già Viceministro del Ministero dell'Istruzione, Università e Ricerca con delega alla ricerca
- Alfonso Pozio PhD, Senior Researcher, ENEA CR Casaccia, Rome
- Giorgio Prinzi Ingegnere, Direttore responsabile della Rivista "21mo Secolo Scienza e tecnologia"
- Franco Prodi Professore di Fisica dell'Atmosfera, Università di Ferrara
- Franco Puglia Ingegnere, Presidente CCC, Milano
- Francesca Quercia Geologo, Dirigente di Ricerca, Ispra
- Nunzia Radatti Chimico, Sogin
- Arnaldo Radovix Geologo, Risk Manager in Derivati Finanziari
- Maurizio Rainisio Mathematician, Lifetime career in Clinical Development and Epidemiology
- Mario Luigi Rainone Professore di Geologia Applicata, Università di Chieti-Pescara
- Mario Rampichini Chimico, Dirigente Industriale in pensione, Consulente
- Arturo Raspini Geologo, Ricercatore, Istituto di Geoscienze e Georisorse (IGG), Consiglio Nazionale delle Ricerche, Firenze
- Enzo Reali MSc, Agricultural and Rural Development Expert
- Renato Angelo Ricci Professore Emerito di Fisica, Università di Padova, già Presidente della Società Italiana di Fisica e della Società Europea di Fisica, Movimento Galileo 2001
- Marco Ricci Fisico, Primo Ricercatore, Istituto Nazionale di Fisica Nucleare
- Renzo Riva Comitato Italiano Rilancio Nucleare (C.I.R.N.), Buja
- PierMarco Romagnoli Ingegnere, Milano
- Vincenzo Romanello Ingegnere nucleare, Ricercatore presso il Centro di Ricerca Nucleare di Rez, Repubblica Ceca
- Stefano Rosso Insegnante di Geografia, Storia e Italiano, Scuola Secondaria, Modena
- Piergiorgio Rosso Ingegnere Chimico
- Alberto Rota Ingegnere, Ricercatore presso CISE ed ENEL, Esperto di Energie Rinnovabili
- Ettore Ruberti Ricercatore ENEA, Docente di Biologia Generale e Molecolare
- Giancarlo Ruocco Professore di Struttura della Materia, Università di Roma La Sapienza
- Sergio Rusi Professore di Idrogeologia, Università di Chieti-Pescara
- Massimo Salleolini Professore di Idrogeologia Applicata e Idrogeologia Ambientale, Università di Siena
- Nicola Scafetta Professore di Fisica dell'Atmosfera e Oceanografia, Università di Napoli
- Emanuele Scalcone Responsabile Servizio Agrometeorologico Regionale ALSIA, Basilicata
- Nicola Sciarra Professore di Geologia Applicata, Università di Chieti-Pescara
- Francesco Sensi Generale di Divisione Aerea (R)
- Massimo Sepielli Direttore di Ricerca, ENEA, Roma
- Leonello Serva Geologo, Accademia Europa delle Scienze e delle Arti, Classe V, Scienze Tecnologiche e Ambientali, già Direttore Servizio Geologico d'Italia
- Roberto Simonetti Geologo, R&D c/o Azienda S.I.I.
- Elio Sindoni Professore Emerito dell'Università di Milano Bicocca
- Enzo Siviero Professore di Ponti, Università di Venezia, Rettore dell'Università e-Campus
- Rinaldo Sorgenti Deputy Chairman of ASSOCARBONI
- Ugo Spezia Ingegnere, Responsabile Sicurezza Industriale, Sogin, Movimento Galileo 2001
- Luigi Stedile Geologo, Centro di Ricerca Previsione, Prevenzione e Controllo Rischi Geologici (CERI), Università di Roma La Sapienza
- Emilio Stefani Professore di Patologia Vegetale, Università di Modena
- Flavio Tabanelli Fisico
- Maria Grazia Tenti Geologo
- Umberto Tirelli Visiting Senior Scientist, Istituto Tumori d'Aviano, Movimento Galileo 2001

Italy continued

- Francesco Torre
- Giorgio Trenta
- Roberto Vacca
- Gianluca Valensise
- Prof. Paolo Sebastiano Valvo
- Corrado Venturini
- Flavio Vetrano
- Benedetto de Vivo
- Andrea Zaccone
- Luigi Zanotto
- Franco Zavatti
- Antonino Zichichi

Former Associate Professor of Geomorphology at the University of Bologna

Fisico e Medico, Presidente Emerito dell'Associazione Italiana di Radioprotezione Medica, Movimento Galileo 2001

Ingegnere e Scrittore Scientifico

Dirigente di Ricerca, Istituto Nazionale di Geofisica e Vulcanologia, Roma

PhD - Associate Professor of Solid and Structural Mechanics, University of Pisa

Professore di Geologia Strutturale, Università di Bologna

Honorary Professor of General Physics, DiSPeA, University Carlo Bo, Urbino

Professore di Geochimica in Pensione dall'Università di Napoli; ora Professore Straordinario presso Università Telematica Pegaso, Napoli

Geologo, Dirigente Protezione Civile Regione Lombardia

Docente in Pensione

Ricercatore di Astronomia, Università di Bologna

Professore Emerito di Fisica, Università di Bologna, Fondatore e Presidente del Centro di Cultura Scientifica Ettore Majorana di Erice



6 SIGNATORIES FROM JAPAN

6 Signatories

- Takahiko Ban
- Masayuki Hyodo
- Yoshihiro Muronaka
- Mototaka Nakamura
- Dr. Hiroshi L. Tanaka
- Junji Yamamoto

Ph. D. Chemical Engineering, Associate Professor at Osaka University

Professor of Earth Science, Kobe University, Japan

Professional Engineer, studied Chemical Engineering, has been working in the areas of Environment, Energy, CVD and EHS

Atmospheric and Oceanic Scientist (ScD in Meteorology, MIT)

Professor in Atmospheric Science, Centre for Computational Sciences, University of Tsukuba

PhD, Professor of Earth and Planetary Sciences, Kyushu University



1 SIGNATORY FROM KUWAIT

1 Signatory

- Mohammad A. AlKhamis

DVM, MPVM, PhD, Assistant Professor of Epidemiology, Department of Epidemiology and Biostatistics, Faculty of Public Health, Health Sciences Center, Kuwait University



1 SIGNATORY FROM MALAYSIA

1 Signatory

- Christoffel Schoneveld

Earth Scientist and Retired Shell Exploration Geophysicist



1 SIGNATORY FROM MALTA

1 Signatory

- Joseph Attard

Retired Scientist, PhD chemical engineering MSc Electronics Communication



5 SIGNATORIES FROM MEXICO

5 Signatories

- Rubén Coronal Méndez
- Luis Frausto
- Armando Páez
- prof. dr. Rumen Tsonchev
- Victor Manuel Velasco Herrera

Master degree in Applied Economics, Industrial Engineer

Chemical Engineer

PhD, Urbanism, Expert in Sustainability and Energy Transitions

PhD in Physics, Professor at Faculty of Physics, University of Zacatecas

PhD, Space Engineer



1 SIGNATORY FROM NAMIBIA

1 Signatory

- Dr. Simon Idris Beshir Cardiologist, currently involved in Green Project in Kalahari Desert



157 SIGNATORIES FROM NETHERLANDS

2 WCD Ambassadors

- Prof.Dr.Ir. Guus Berkhout Emeritus Professor of Geophysics, Delft University of Technology, Member of the Royal Netherlands Academy of Arts and Sciences
- Dr. Kees Lepair Physicist, Former CEO Physics & Technology Research Organisations

155 Signatories

- Drs. Jan H. Akkerman MSc, Structural Geology, worked 19 years with Billiton in Mining and Geology and the last 20 years with DGA van Akkerman Exploration BV
- Maarten van Andel Author of the 'Groene Illusie'
- Tjeerd Andringa MSc in Physics, PhD in Signal Processing, former Associate Professor of Sensory Cognition, Epistemologist
- Jan Asselbergs Mechanical Engineer who started his career with IHC. Since 1990 he is active in revitalizing medium sized companies
- Dries Ausems MSc, Earth Sciences, Lifetime Experience as Geologist in the Geo-Energy Industry
- René Bakers Former Lawyer and Attorney Liability and Insurance
- Dr. Thomas W. Bakker Lifetime Experience in the Geo-energy Industry, Founder and former (or retired) CEO of Well Engineering Partners BV
- Nanda Josina Sofia Bakker -Ait Arrami MSc, MBA
- Robert Becht Lifetime R&D Experience in Water Management with emphasis on water management in East Africa
- Frans van den Beemt Nuclear Physicist, Former Program Director Technology Foundation STW
- Jan Bernard Geologist dredging- and offshore industry and Royal Netherlands Navy Reserve (hydrography)
- Drs. A (Toine) J. A. Beukering Bgen (b.d.), Member of the Provincial Council of Zuid Holland, Member of the Senate (Eerste Kamer) of the Dutch Parliament (the States General)
- Jim van Beusekom Retired Captain B747-400 with KLM, 35 years observational knowledge of the Earth's atmosphere
- Maarten Biesheuvel MSc and PhD Chemical Technology, University of Twente, Senior Scientist Chemical Engineering and Water Technology, Wetsus
- André Bijkerk Retired Officer Royal Dutch Air Force, now Climate Researcher
- Dr. Frans Bijlaard Professor-Emeritus steel constructions, TU Delft
- Dr. Ruud Binnekamp Msc Integral Design and Management, teacher and researcher in design and decision systems at TU Delft
- Harold J. Blaauw PhD in Physics, Secretary of the former Netherlands Energy Research Council, independent consultant (retired)
- Peter Bloemers Emeritus Professor of Biochemistry, Radboud University, Nijmegen
- Albert F.T. de Booij† Founder Speakers Academy Int. BV, Founder and CEO World of Consciousness.com, Co-Founder with Pim Fortuyn of the political party LPF.
- Hans Bouman MSc, Chemistry, Professional in Production Technology and Asset Management
- Dr. Ir. Arnold Bovy retired, former Director Energy Transmission Company MEGALIMBURG
- Ben Braam Msc in Physics, lifetime career in space instrumentation
- Paul M.C. Braat Emeritus Professor of Pulmonary Physics, University of Amsterdam
- Solke Bruin Emeritus Professor of Product-driven Process Technology, University of Eindhoven and Former Member Management Committee Unilever Research, Vlaardingen
- Dr. T.H.L. Claassen Aquatic Ecologist
- Prof.Dr. Paul Cliteur Professor of Legal Sciences, Member of the Senate of The Netherlands

Netherlands continued

- Albert J.H.G. Cloosterman Retired Chemical Engineer, Publicist on Climate and Cosmological Matters
- Charles Coleman former executive Olivetti Group International
- Marcel Crok Climate Researcher and Science Journalist
- Gerhard Diephuis MSc, Geosciences, specialized in Geophysics, Lifetime Experience in the Geo-Energy Industry, Guest Lecturer TU Delft
- Henck van Dijk Sculptor, designer and innovator
- Hessel van Dijk Organic Chemist
- David E. Dirkse Former Computer Engineer and Teacher Mathematics
- Dr. Tjibbe Dokter MBA, Expert in Scenario Analysis and Risk Assessment, retired from AkzoNobel
- Marco Draaisma ICT Process Coördinator
- Vincent van Driel MSc Mechanical Engineering TU Delft, Design and Construction of gas / oil processing plants, Retired
- Dr. Jan W. Drukkert† Emeritus Professor Industrial Design Delft University of Technology, University of Twente and (Visiting Professor) Tsinghua University Beijing,
- Arjan Duiker Process Technologist at Tata Steel, specialist on Thermodynamics and Fluid Mechanics
- Louw Feenstra Emeritus Professor Erasmus University and Philosopher, Rotterdam
- Arnold Fellendans Physics at TU Delft, 40 years at Unilever (retired), www.omdeearde.nl
- Frans Galjee Mechanical Engineer, Retired Researcher at ECN
- Harold van Garderen PhD in complexity science/chemistry (TU Eindhoven) and social complexity/narrative scientist (self-employed)
- Jan van Gils Teacher in Physics
- Ir. Henk Goemans MSc, Geosciences, specialized in Reservoir Engineering
- Frans H Gortemaker Former Vice President Unilever Global R&D
- Drs. W.J. Evert van de Graaff Consulting Geologist, 50+ years Global Experience
- Ton J.T. Grimberg Oil & Gas Professional, Finance Adviser
- Katharina Grimm Msc Agroecology and Sustainable Food Systems, Project Leader energy transition at the municipality of Epe
- Ir. Kees de Groot Former Director Upstream Research Lab. Shell
- Paul de Groot PhD, Geoscience, Manager dGB Earth Sciences
- Lex A. van Gunsteren Marine propulsion expert, former director of Corporate Planning and R&D of the Royal Boskalis Westminster Group, former professor of Technology at TU Delft and Erasmus University
- Leo Halvers Former Director Billiton Research Arnhem and Former Director Technology Foundation STW
- Hans Hamaker University Degree in Phonetic Sciences, expert in biomechanics of speech, supporter of plasma cosmology, former wireless communication officer
- Maarten Hardon BSc, Civil Engineering, Lifetime Experience in Offshore Industry, Director Venty BV
- Eduard Harinck Former Logistics Expert, Nedlloyd Group/KPMG Consulting
- Drs. Godard Hazeu MSc, Geosciences, specialized in Geology, past Technical Director of the Dutch State Oil and Gas Company EBN
- Edward Heerema Msc in Civil Engineering TU Delft, President of Allseas, worldwide active in offshore pipelaying and platform lifting
- J.R. Hetzler† Retired WUR Engineer Forestry Economics
- Dr. Tom van der Hoeven Energy Transport Modeling Expert
- Jan Holtrop† Emeritus Professor of Petroleum Engineering, Delft University of Technology
- J.A.R. Hombroek MSc, Geoscience, Lifetime Experience in the International Geo-Energy Industry
- Tom Hoornstra Air-Conditioning Engineer
- Jan Horstink Earth Scientist, Exploration Projects Oil & Gas ME & FE
- A. Huijser Physicist and Former CTO Royal Philips Electronics
- Jan de Jager emeritus professor Geology (VU University Amsterdam, University of Utrecht)

Netherlands continued

- Jan J.C. de Jong Msc Process Engineering TU Delft, expert in energy-and thermal process engineering, lifetime career in the oil and gas industry
- Jan de Jong former director Sampo Industrial Insurance NV. Benelux and Electrorisk Verzekeringsmaatschappij N.V.
- Wouter J. Keller Emeritus Professor of Statistical Methods, Former Member Board of Directors, Central Bureau of Statistics (CBS)
- Jacques van Kerchove Economist and Marketeer, Former CFO Rabobank, now Climate and Environment Researcher
- Henri G. Kerkdijk-Otten Msc History, University of Nijmegen, Founder and Chairman of Restoring Africa's Wildlife Foundation, Founder and former chairman of True Nature Foundation
- Rob de Kok Principal Geophysicist, researching Influence of CO2 on Atmospheric Temperatures
- Hans Kolmschate Chemical Engineer, University of Twente
- Henk de Koning MSc, former Principal Management Consultant Atos Consulting with specialisation Logistics, IT and Information Security
- Rob Kouffeld† Emeritus Professor of Energy Conversion, Delft University of Technology
- Hans H.J. Labohm Former Expert Reviewer IPCC
- Prof. dr. Cornelis A. de Lange Emeritus Professor of Atmospheric Chemistry and Physics, and Complex Modelling, Former Senator in the Dutch Senate
- Arjan Lenoir MSc Industrial Sciences
- Dr. ir. B.G. Linsen Former Director Unilever Research Vlaardingen
- Jaap M. van Luijk Msc. Petroleum Engineering, lifetime experience in the international geo-energy industry
- PROF. DR. Pieter Lukkes Emeritus Professor of Economic and Human Geography, University of Groningen
- Ronald Luttikhuisen Studied Physical Geography, retired economist and statistician
- Hugo Matthijssen Former Teacher Meteorology, now Publicist on Climate Matters
- Leo D. Minnigh retired scientist in structural geology, lecturer/speaker for non-professionals
- Dr. Rob Mooij PhD in Nuclear Physics at University of Utrecht, MS Computer Science at Drexel University, Philadelphia, Retired as Medical Physicist from University of Pennsylvania
- Ir. J.M. Mulderink Former General Director Akzo-Nobel
- Rob Nijssen Radar Engineer and Publicist on Climate Matters
- Rutger van den Noort PhD, advisor in Innovation Processes, CEO Newcalf
- Dr. Chris Oldenhof PhD in Photochemistry, Retired from the Dutch chemical company DSM
- Ir. Peter Oosterling Former Scientist E & P Shell, now active as Climate Researcher
- Daan Osinga Geologist
- Kees Pieters Mathematician, Former Operational Research and ICT manager at Shell
- Robert J. van der Plas MSc Applied Physics, MSc Development Studies, Sustainable Energy Management and Development Specialist
- Reynier Pronk Former IT Manager, Accredited Project Management Consultant and Trainer
- Paul Ras Msc Geophysics TU Delft, Geophysical Consultant, climate realist
- Ir. B. Peter Rauwerda Msc in nuclear engineering, TU Delft
- Louis M.P.T. van den Reek PharmD, Member of 'De Groene Rekenkamer'
- Jan C. Reinoud retired CEO Dutch chain of Supermarkets
- A.G. Reitsma MSc in Social technology, planned change (University of Groningen 1978) Social Technician
- Kees Remi Electrical Engineer, lifetime experience in Energy Distribution and Industrial Automation
- Joseph Reynen Finite Element Modeling Expert, Retired from EU Joint Research Centre in Ispra, Emeritus Associate professor TU Delft
- George T. Robillard Emeritus Professor of Biochemistry and Biophysics
- Jaap Romijn Msc in Civil Engineering TU Delft, lifetime experience in water management projects

Netherlands continued

- Kees Roos
Emeritus Professor of Optimization Technology, Delft University of Technology
- Albertus F. Rooze
MSc in Chemistry, mathematics and natural sciences, retired
- Robert Sambell
PhD, Physics, Professional Geophysicist
- Rutger van Santen
Emeritus Professor of Anorganic Chemistry and Catalysis, Former Rector Magnificus, Eindhoven University
- Don Schäfer
Former Director Shell Exploration & Production and New Business, Shell
- Juleon Schins
PhD in Molecular Physics, specialist in near infrared spectroscopy
- Dr. Rob Schoevaart
Biocatalist, Co-founder and Managing Director of ChiralVision, being specialised in making chemical processes greener
- Frans Schrijver
Strategy Consultant and Climate Publicist
- Bert Sigmond
Geologist, Founder of EuGeNe Company in Geothermal Energy
- Prof.Dr.Ir. Jos de Smit
Emeritus Professor of Stochastic Operations Research and Former Rector Magnificus of the University of Twente
- Hendrick Smit
Chemical Engineer, specialised in Environmental Instrumentation
- Barend-Jan Smits
Geologist, Former Director of Wintershall Nederland, BASF Group
- Jack van Soest
BSc, Geography teacher (retired)
- Dr. Engel van Spronsen
PhD in Physics, Lifetime career in Shell as researcher, reservoir engineer, and technical manager. After Shell he also worked for Maersk Oil, IMPaC Engineering, and Eneco
- Albert Stienstra†
Emeritus Professor of Computer Simulation and Micro-Electronics, Delft University of Technology.
- P.J. Strijkert
Former Member Board of Directors of DSM, Delft
- Dr Hans van Suijdam
Former Executive Vice President Research and Development DSM
- Dick Swart
MSc, worldwide drilling expert, lifetime of experience in the geo-energy industry
- Dr. Harry C. M. de Swart
Emeritus Professor of Logic and Language Analysis, University of Tilburg, Author of the book 'Philosophical and Mathematical Logic'
- Peter van Toorn
Former Research Geophysicist Shell
- Fred Udo
Emeritus Professor of Nuclear Physics, Vrije Universiteit Brussels
- Ir. Arnold Uijlenhoet
retired Electrical Engineer, TU Delft, Postgraduate at University of Pittsburgh, Lifetime international experience in power generation, transmission, and distribution
- prof. dr. ir. Jan Dirk van Elsas
PhD, Em. Prof. Microbial Ecology, RUG
- Maarten Vasbinder
MD, specialized in prion theories and practice
- J.F. van de Vate
Former Director ECN, Petten, The Netherlands. Former UN Delegate IPCC
- prof. dr. ir. Jan Verheij
Retired Scientist Applied Physics at TNO Delft, Emeritus Professor of Noise Control Engineering at Eindhoven University of Technology
- Hans Verschuur
MSc, Geosciences, specialized in Mining
- Henk Verveer
Msc Civil Engineering TU Delft, lifetime experience in maritime infrastructure and building services
- Jannes. J. Verwer
Former Director ECN and Former Chairman Supervisory Board State Owned Radio Active Waste Storage Facilities
- Koen Vogel
Geologist and Geostatistician, lifetime experience in numerical modelling, proficient in evaluating and developing global energy projects
- Henk van der Vorst
Emeritus Professor of Numerical Mathematics, University of Utrecht
- Rob de Vos
Geographer and Editor of "Klimaatgek"
- Bart Vos
Msc Petroleum Engineering, Lifetime of Experience in the Geo-energy Industry
- Henk de Vries
lifetime experience in organised crime, expert in digital forensics
- Jaap van der Vuurst de Vries
Emeritus Professor of Petroleum Engineering, Former Dean Faculty of Applied Earth Sciences, Delft University of Technology
- Dr. Jules de Waart
PhD Physical Geography, Exploration Geologist in Africa, Past member of the Dutch Parliament, author of the book on Climate Change and Energy Transition "Don't believe everything"
- Dr. André Wakker
energy expert, lifetime experience in nuclear energy, speaker and writer on energy transition

Netherlands continued

- Karel Wakker
Emeritus Professor of Astrodynamics & Geodynamics, Delft University of Technology
- Robert N. Walter
MSc E.E., member Advisory Board 'De Groene Rekenkamer'
- Cyril Wentzel
Multi-Physics Engineer and Chairman of Environmental Think Tank 'Groene Rekenkamer'
- Frans A. van der Werf
Master of Law, Owner of an International Business for Management, Consultancy and Finance
- Bert Weteringe
Author, independent research journalist on energy transition and wind energy.
- Dolf van Wijk
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, Co-founder 'Groene Rekenkamer' and 'Climategate.nl'
- 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



25 SIGNATORIES FROM NEW ZEALAND

1 WCD Ambassador

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

24 Signatories

- Deborah Alexander
Agricultural Scientist
- Jock Allison
Retired Agricultural Scientist, Ministry of Agriculture
- Mario Barbafiera
MSc Palaeoclimatology, Teacher
- Paul A. Catchpole
Qualified Land Surveyor & Fellow of New Zealand Institute of Surveyors, Retired Ex Commissioner of the New Zealand Environment Court
- Roger High Dewhurst
Retired, Geologist/Hydrogeologist
- Geoffrey. G. Duffy
Professor Emeritus, University of Auckland
- Terry Dunleavy†
MBE, Co-Founder (2006) and Honorary Secretary New Zealand Climate Science Coalition; Former WCD Ambassador
- Doug Edmeades
Managing Director agKnowledge Ltd.
- Joe Fone
CAD Engineer, Enatel Ltd.
- Professor Michael J Kelly
MA, PhD, SCD, MAE, Emeritus Prince Philip Professor of Technology at the University of Cambridge
- Gary Kerkin
Retired Chemical Engineer, Upper Hutt. Executive Member New Zealand Climate Science Coalition
- Roman Leslie
Research specialist in geochemistry of arc-magmatism, magma-wallrock interactions, mineralogy, melt inclusions, SW Pacific tectonics and geodynamics.
- Brian Leyland
Power Systems Engineer and Experienced Renewable Energy Specialist
- Gerrit J. van der Lingen
Geologist and Paleoclimatologist, New Zealand, Author of the Book The Fable of Stable Climate
- Dr. John Maunder
Climate Scientist, President of the WMO Commission for Climatology 1989-1996
- Dr Richard Reaney
Climate Researcher, Post Graduate Qualification in Antarctic Studies, University of Canterbury New Zealand
- Darag S. Rennie
MBChB, Lifetime explorer of truth

New Zealand continued

- John Scarry
ME (Civil), Structural Engineer, Member of the New Zealand Climate Science Coalition
- John Sexton
Member of the New Zealand Climate Coalition
- David Shelley
Emeritus Associate Professor Geology and latterly Dean of Postgraduate Studies, University of Canterbury, Christchurch
- David Steward
Electronic Engineer, Supporter of truth seeking in climate change
- Philip Strong
Science Research Leader & Member of the New Zealand Climate Coalition
- Richard Treadgold
Executive Member NZ Climate Scienc Coalition, Convenor Climate Conversation Group
- Ian Wright
Professional Geologist



32 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

30 Signatories

- Gunnar Abrahamson
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
Phycisist, Former Head of Renewable Energy Studies Programmes, University of Agder
- Einar R. Bordewich
multidiscipline Engineering
- Dr. Hans Borge
Associate Professor in Mathematics, University of Stavanger
- Reidar Borgstrøm
Professor Emeritus in Fishbiology and Nature Conservation, University of Life Sciences
- Erik Bye
Retired Senior Scientist in Physical Chemistry, Crystallography, Chemometrics and Occupational Hygiene
- Ole Henrik Ellestad
Physical Chemist. Former Research Director and Professor in Petrochemistry at the Centre for Industrial Research and University of Oslo
- Jon Gulbrandsen
PhD, Biologist, Associate Professor NOFIMA and NOAA (USA)
- Arve Gleissner Gustavsen
Msc in Cybernetics, Lifelong Experience in Design and Engineering
- Røgnvaldur Hannesson
Professor Emeritus, Norwegian School of Economics
- Geir Hasnes
Adjunct Associate Professor, Department of Engineering Cybernetics, Norwegian University of Science and Technology
- Martin Torvald Hovland
Geophysical and Geological Advisor, Former Lecturer at University of Tromsø
- Ole Humlum
Professor Emeritus in Physical Geography, University of Oslo
- Morten Jødal†
Biologist, Former Employee of the Norwegian Research Council and the Centre for the Development and Environment at the University of Oslo
Passed away
- Dr. Ing. Hans Konrad Johnsen
Emeritus Professor; Chemistry, Bergen University
- Olav Martin Kvalheim
Professor Emeritus Biology, Norwegian University of Science and Technology
- Arnfinn Langeland
Professor Emeritus Biology, Norwegian University of Science and Technology
- Mikael Lindgren
MS Applied Phycis and electronics, PhD Chemical Physics, Prof Applied Physics (Optics) and Biophysics (spectroscopy)
- Willy Nerdal
Professor of Chemistry, University of Bergen
- Johannes Oraug
Landscape Architect, Researcher for 11 years at the Norwegian Institute for Urban and Regional Research

Norway continued

- Egil Pedersen
- Elen Roaldset
- Ulf Torgny Rock
- Gjertrud Røyland
- Håkon Gunnar Rueslåtten
- Tom V. Segalstad
- Einar Sletten
- Jørgen Stenersen

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



4 SIGNATORIES FROM POLAND

4 Signatories

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

Chairman of the National Section of Energy Workers' Union NSZZ

Advisor to the Chairman of the Silesian Region of the Solidarity Union for climate policy, former Secretary of the National Energy Security Team of the Chancellery of the President

Chairman of the National Secretariat of Mine and Energy Workers' Union NSZZ

Chairman of the Slasko-Dabrowski Region of NSZZ



10 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

9 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
- João José Rodrigues Tilly

Chemical Engineer, specialized in Processes and Systems, Postgraduate in Legal Issues of Urban Planning, University of Lisbon
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

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, Russian Academy of Sciences 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



3 SIGNATORIES FROM SLOVENIA

3 Signatories

- Borut Bohanec
- Ján Lakota
- Rafael Mihalič

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

MD, PhD molecular biology

Professor of Electrical Engineering, University of Ljubljana



12 SIGNATORIES FROM SOUTH AFRICA

12 Signatories

- Dr. Henrique J.S. de Barros
- Rosemary Falcon
- Dennis Shaun Garisch

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

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

BSc (Civil) Eng, Professional Engineer registered with Engineering Council of South Africa (ECSA), over 30 years of practice, inclusive of many storm water management designs

South Africa continued

- Dr. Hans Hofmann-Reinecke nuclear physicist, author of several books “Grün und Dumm”, articles and videos on global warming and alternative energies for the general public
- Rob Jeffrey Economic Risk Consultant: Senior Economist and Managing Consultant, leading expert in energy and electricity
- Kelvin Kemm PhD, Nuclear Physicist, CEO Nuclear Africa, 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
- Don Mingay Retired Professor of Nuclear Physics
- 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
- Jacques Theron Retired Veterinarian
- Geert F de Vries Retired physicist / nuclear engineer



2 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

1 Signatory

- Zonghie Han economist at Daegu University



22 SIGNATORIES FROM SPAIN

1 WCD Ambassador

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

21 Signatories

- Bernardo Armero Engineer and Project Leader within Clean Aviation
- Raquel Barquero PhD, lifetime career as nuclear engineer and medical physicist in Valladolid University Clinical Hospital
- Dr. Saúl Blanco Associate Professor of Ecology at the University of León
- Ferran Brunet Professor on the European Economy, Unniversitat Autònoma de Barcelona
- Antonio de la Hoz BSc in in Business and International Economics, activist and expert in economics and political implications of causes and consequences of climate change
- Aitor Ercilla climate historian and computer scientist. Researches the importance of climate change in social processes
- Maria Teresa Estevan Bolea Engineering award 2019 Royal Spanish Academy of Engineering, World Award 2018 In Engineering WFEO, National Prize in Industrial Engineering 2019
- José-Ramón Ferrandis Analyst, Writer, Communicator
- Juan Miguel Gómez Menor Robles PhD in Biology (Botany), High School Head of Department.
- Antonio J. Huertas Engineer with 35 years experience in Energy Politics and Operation, and Environmental Care
- Isabel López García PhD on Chemical Engineering, Assistant Professor of Physical Chemistry and applied Thermodynamics , University of Córdoba
- Alexander Keith Martin PhD Geology and Geophysics, Consultant geologist
- Jose Manuel Miranda Lopez PhD, Professor at the University Santiago de Compostela , Department of Analytical Chemistry, Nutrition and Bromatology
- Antonio Jesús Muñoz Cobo PhD in Environmental Sciences from the University of Jaén, member of the research group Environmental Technologies of the Dept of Chemical, Environmental and Materials Engineering
- Luis Pomar Emeritus Professor of the University of the Balearic Islands, Sedimentologist specialized in the study of Carbonate Rocks which the Impact of CO2 and Paleoclimate

Spain continued

- Alejandro Rodríguez-Gómez Associate Professor, Universitat Politècnica de Catalunya, Barcelona, Spain
- Manuel Jesús Romero Rincón PhD Civil Engineering, Professor at Miguel Hernández University of Elche, Spain CEO at ETRES Consultores
- Manuel M. Sánchez del Pino PhD, Department of Biochemistry and Molecular Biology, University of Valencia
- Javier del Valle Melendo Doctor in Climatology, Professor a Centro Universitario de la Defensa
- Javier Vinós PhD, Scientist and independent climate researcher
- Wynn Williamson co-founder and managing partner of real estate developer BWRE



47 SIGNATORIES FROM SWEDEN

1 WCD Ambassador

- Ingemar Nordin Emeritus Professor Philosophy of Science, Linköping University

46 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 Mah Emeritus Professor in Building Physics, Malmö University and Lund University
- Lars E. Linder Associate Professor of Medicine, Gothenburg

Sweden continued

- Jan Lindström Senior Medical Physicist, PhD, Former Head of Department of Medical Physics Karolinska, Worked and published in Environmental Science (Harwell UK). Long climate interest.
- Rune Lundgren MSc, Helsinki University of Technology, Energy System Expert
- Johan Montelius Associate Professor of Computer Science at the Royal Institute of Technology, Stockholm
- Jacob Nordangård PhD, Technology and Social Change at the University of Linköping, Researcher on Climate Change History
- Gabriel Oxenstierna PhD, retired, currently author for Klimatupplysningen.se
- Gösta Pettersson Emeritus Professor in Biochemistry, University of Lund
- Marian Radetzki Emeritus Professor of Economics, Luleå University of Technology
- Mats Rosengren Mathematics, Space Flight Trajectory Specialist
- Torsten Sandström Professor Emeritus, Department of Law, University of Lund
- Rabbe Sjöberg PhD, Geology, Member of Paleogeophysics & Geodynamics Institute
- Peter Stilbs Emeritus Professor of Physical Chemistry, Royal Institute of Technology (KTH), Stockholm
- Prof. Jan-Olov Strömberg Emeritus Professor of Mathematics at Royal Institute of Technology, Stockholm
- Lars H. Thylen Professor Emeritus in Photonics, Dept. of Theoretical Chemistry and Biology, Royal Institute of Technology, Stockholm, specializing in Low Power Nanophotonics Technology
- Tege Tornvall Member of Klimatrealisterna and of its election committee, active in 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
- Örjan Wrangé PhD, Emeritus professor in Molecular Genetics



20 SIGNATORIES FROM SWITZERLAND

20 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
- Christian Jacot Pharmacist
- Markus D. Knecht chemist, 15 years reserach 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
- 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
- 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

Switzerland continued

- Prof. Dr. Eric P. Verrecchia
- Dr. Eric Vieira

Professor at the University of Lausanne, Chair of Biogeochemistry at the Institute of Earth Surface Dynamics, expert in terrestrial carbon cycle of the tropical and temperate zones
(retired), Ph.D (organic chemistry), 27 years at Roche Pharmaceuticals (Principal Scientist)



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



162 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

161 Signatories

- Tom Agbabi
- Colin Andress
- Neils C. Arveschoug
- Nigel Banks
- Andrew P. Barker
- John Anthony Barney
- Nik Bartley
- Nigel Beckwith
- Alan Richard Belk
- 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

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
retired Mechanical Engineer with a 40+ year international career in energy, industrial gas and chemical industries
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)

United Kingdom continued

- George Carey BSc Hons. Physics and Geology, Lifetime Physics teacher and amateur astronomer
- Brian R. Catt Electrical Engineer, Retired, publishing papers on Energy and Climate Change
- Richard Ceen BSc Physical Oceanography with Physics, entrepreneur / engineer in Marine LNG Safety and Weather forecast dependent Optimising Voyage Control Systems
- Arthur Champion retired European Environmental Coordinator and CofE Diocesan Environmental Adviser
- John Church Earth Science Professional, Retired from Energy Sector
- David Coe MA(Oxon) in Physics, lifetime working on gaseous absorption spectroscopy, Lead author of "The Impact of CO₂, H₂O and Other Greenhouse Gases on Equilibrium Earth Temperatures"
- Professor John C.W. Cope Professor of Geology, National Museum Wales, Cardiff
- Dr. Douglas Cormack BSc in Chemistry, Maths, Physics and Microbiology, PhD in Physical Chemistry, Chief at Scientific Civil Service, Founder of the website "The campaign against belief consensus"
- Richard Courtney Retired Material Scientist, Expert Peer Reviewer of the IPCC
- Chas Cowie GDE Mining Engineering, Wits University, Retired IT Professional worked primarily in Mining and Logistics Industries
- Dr. David Critchley Senior Clinical Pharmacologist, mathematical modelling of complex systems
- Michael Cross Chemical Engineer
- Peter Cunningham Expert in Mathematical Modelling of Complex Physical Phenoma
- Dr Philip George Davies Principal Lecturer in the Department of Computing and Informatics at Bournemouth University
- Robert Davies BSc Airline pilot
- Isabel Davies Geophysicist and Entrepreneur
- Jeremy Dawson retired Chartered Engineer with a career in the oil and gas industries
- Dr. Keith P. Dawson Environmental and Agricultural Researcher
- John Dewey Emeritus Professor of Geology at the University College Oxford, Distinguished Emeritus Professor University of California,
- Howard Dewhirst FGS, Geologist, Initiator Open Letter to the Geological Society of London
- James Dillon BSc Physics, DPhil Nuclear Physics, Former research physicist
- Gregor Dixon FGS, Geologist, Former Member Geological Society of London
- Peter Dorey BSc Physics, Senior Project Manager, (and unpaid educator & Climate Scientist)
- Timothy (Tim) C. Duckworth Retired Mechanical Engineer in the Oil & Gas industry, Senior Auditor in Management/Facility/HSE
- Dr. Michael Earle international earth scientist, energy professional, author
- Dr. John S. Easterby Retired Senior Lecturer in Biochemistry University of Liverpool, Research area: Protein chemistry, Enzymology, Metabolic Modelling
- Roderick Paul Eaton MBA FIET MCMI, Retired Consultant Energy Industry Analyst/ Management Consultant
- Debra Eddy Entrepreneur and Guest Lecturer in Business Management
- Dr. Andrew Edmonds data scientist with a strong background in AI, past CTO of a publicly traded US tech company, currently CEO of a private US company, ThinkBase LLC
- Peter Etherington-Smith Geologist/Oceanographer, Coral Reef Researcher, MSc Petroleum Engineering (Imperial), life-time international experience in developing countries, retired from BG
- Kevin Foo MSc, DIC, Dip. Met, AusIMM, IOM3, SME, Ch.Eng., President Tianshan Jade (UK) Ltd
- Ashley Francis BSc, FRAS, Geophysicist with expertise in forward and inverse modelling, stochastic modelling and resolution/scale change impacts
- Sean Galbally Project Manager Water and Wastewater Systems
- Kalghatgi Gauram PhD Aeronautical Engineering, Consultant Professor, 50 Years' experience in R&D in combustion, fuels and energy
- Gil Gilchrist Geophysicist

United Kingdom continued

- Peter Gill
Physicist, Ex Chair Institute of Physics Energy Group, Ex London Branch Chair & Fellow of EI
- Alan Gill
Retired Engineer in South Wales
- 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
Geomechanics Consultant and Researcher, previous Recipient of the Royal Academy of Engineering MacRobert Award for Engineering Innovation
- John Harrison
Former Chartered Physicist and Chartered Engineer
- Ken Harrison
Retired Chartered Physicist
- Peter Harvey
Project Manager – Renewable offshore wind industry
- Raymond Hayes
BA (Lond) M.Litt (Oxon) FRGS Solicitor Hong Kong and England and Wales
- Robert Heath
Retired Geophysicist, Honorary member of the Indian Society of Petroleum Geologists
- Alex Henney
Formerly London Electricity Board, Consultant on Electricity Matters
- Roger Higgs
DPhil (Oxon), Independent Geological Consultant, Geoclastica Ltd.
- Tatiane Melchior Stefanello
Oceanographer, author, undertaking a Master's degree in International Public Policy at Queen Mary University of London
- Dr. Sinclair Holland
MBChB(Edin) Medical Doctor
- Paul Homewood
Climate & Energy Policy Analyst
- Keith H. James
PhD, Consultant Geologist
- James Barry Jamieson
Retired Aeronautical Engineer, Co-author IPCC report 1999
- Anthony Janio
PhD in Physics, Independent Elected Councillor in Brighton and Hove
- David A.L. Jenkins
Geologist, Director Hurricane Energy plc
- Dr. Chris Jesshope
Emeritus Professor University of Amsterdam, Director Techne Consulting Ltd.
- David Jessop
C.Eng., M.I.C.E., lifetime career in the water industry
- Stephen Latimer Jones
BA Chemistry, IT professional
- Robert Jones
BSc and PhD Mining Engineering, Director at Warwick Energy
- Zana Juppenlatz
Consultant in environment, environmental law and sustainability, including renewable energy projects
- 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

 - Stephen Martin
 - Chris Matchette-Downes

 - William James McAuley

 - Dr. Niall McCrae
 - Angela McKay

 - Dr. Euan Mearns
 - Krov Menuhin

 - Geoffrey Middleton
 - 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

 - Clive Randle
 - Jonathan Charles Read
- 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
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
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, 27 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
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)

United Kingdom continued

- Dr. Colin Richard Reeves
Emeritus Professor of Operational Research, Expert in Mathematical Modelling
- Ceri Reid
PhD Electrical and Electronic Engineering, Sonar Specialist
- Chris Rice
BEng(Hons) Engineering & Environmental Science
- Steven Andrew Richards
MSc, Retired Chartered Engineer, Retired Lecturer from Portsmouth University and Southampton Solent University
- Michael F. Ridd
Geologist, Fellow of the Geological Society of London
- Philip Risby
BSc Engineering, Retired environmental consultant, patent holder
- Anthony Robb
PhD, Retired Chemist
- Salmaan Saleem
Family Medicine Doctor
- Dr. José Sánchez-Morales
Doctor in Geology, analysing paleoclimate cycles and software expert
- Richard Saumarez
Biomedical Engineer from Imperial College
- Charles Savage
BA, BSc, MA (Oxon.) in Chemistry, CEO of CP Pharmaceuticals (Retired)
- Robert M. Schneider
MSCE, retired Civil Engineer
- Michael Seymour
Geologist, Fellow of the Geological Society of London
- Mike Sluman
Retired teacher with an honours Degree in Environmental Biology
- Dr. Ian Smith
MSc Maritime Archaeology, PhD Chemistry
- Mike Stigwood
Environmental Researcher
- Leslie Thomson
Retired Vice President Operations, BP Exploration, Aberdeen
- Edwin Thwaites
Retired Principal Lecturer in Organisational Analysis and Crisis Management, University of Central Lancashire, Predton
- Derek Tipp
BSc honours degree in chemistry, former research chemist and retired science teacher, currently councillor on New Forest District Council
- David Todd
retired Associate Member of the Institute of Bankers, Post Graduate Certificate in Business and Management
- Paolo Emilio Trevisanutto
PhD in Physics, Senior Computational Scientist
- Mark Tucker
BSc of Science Geophysics, Serial Entrepreneur and Scientific Advisor to APPG for Industrial Hemp
- Neil Upton
Retired GP UK
- prof. Anton van der Merwe
MD, PhD, Professor in Molecular Immunology
- Matthew David Waggener
Financial professional, strategic consultant on business investments
- Dr. Glenn K. Wakley
Emeritus Associate Professor Biological Science, Fellow of the Royal Society of Biology and member of The Anatomical Society
- Professor David Wastell
Emeritus Professor of Information Systems at the University of Nottingham
- Paul White
B.Sc. Physics, Durham University, Retired, Former Higher Scientific Officer Marine Climatology
- Philip Linden Wilkes
Life time Experience in Marine Biology
- Jay Willis
Marine Scientist, Associate of the OxNav Group of Oxford University.
- Matt Wood
BSc in Metallurgy & Materials Science, Retired Airline Pilot, Patent holder
- Alison Wright
BSc MSc. Systems Engineer, Energy Policy, Sustainable Development policy.
- Valentina Zharkova
Professor of Mathematics and Astrophysics, Northumbria University, Newcastle upon Tyne
- Ivor Zoefitig
International communications coach specialised in chaodynamics and NLP LP



431 SIGNATORIES FROM UNITED STATES OF AMERICA

2 WCD Ambassadors

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

429 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

United States of America continued

- 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
- Lincoln Anderson Macroeconomist and Econometric Model Development
- Michael Anderson BS Chemical Engineering, PhD Information Science, writes about contemporary American politics, including global warming
- 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
- 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
- Dr. David L. Black Clinical and Forensic Toxicologist (Microbiology, Immunology, Pathology, Pharmacology), Vanderbilt University Nashville, adjunct of Department of Medicine Board of Visitors
- Jared L. Black Numerical Analysis Consultant, ScD
- Thomas Lindsay Blanton PhD in Tectonophysics, Texas A&M University, Consultant in geomechanics specializing in compaction, subsidence, and lithospheric stress determination

United States of America continued

- 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
- 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
- Joel M.G. Brown
retired petroleum engineer
- Dr. Larry Frank Brown
PhD in Range Plant Ecology (Ecophysiology) from Colorado State University (1974), President of L.F. Brown & Assoc. Inc.
- James Brucher
technology and business consultant for over 30-years in the telecommunications, transportation, aerospace, software, defense, manufacturing, and biotechnology industries.
- Gerald Brunetto
Retired after lifetime career in engineering & building nuclear & fossil fuel fired steam power plants
- Clifford Brust
Director of Engineering at Defense Engineering Corporation
- James W. Buell
PhD, Aquatic Biologist, Consultant
- Robert Bugiada
Senior Process Engineer at R.C. Costello & Assoc. Inc
- Frits Buningh
Data Research Specialist
- Lior Burko
PhD, Theoretical Physicist
- Dr. H. Sterling Burnett
PhD, Applied Philosophy with a specialization in Environmental Ethics, past Senior Fellow of the National Center for Policy Analysis, now Senior Fellow Heartland Institute
- David Burton
System and Computer Scientist, Expert Reviewer of AR5 and AR6, Member of the CO2 Coalition and Creator of the SeaLevel.info website
- Mark Shane Butler
MA in mathematics, lifetime career in data science
- Barry Butterfield
Civil Engineer Retired
- Roger Caiazza
Pollution Meteorologist, life time experience in the electric generating business, retired Director of the Environmental Energy Alliance of New York
- Ron Cakebread
mechanical engineer with 35 years in the industrial automation business; experience in modeling, simulation, and analysis of very complex systems
- Sharon R. Camp
PhD, Retired Analytical Chemist and Environmental Scientist
- Nick Capaldi
PhD, Author Books on Logic, the Scientific Method and the Philosophy of Science
- John M. Cape
P.E. former military officer and economics instructor at West Point, Licensed Professional Engineer, Energy Consultant - Upstream Oil and Gas, now writing Net Zero themed novels
- John Carr
Electronic Engineer, specialised in antenna and satellite installations
- Marion G. Ceruti
PhD Chemistry, Retired Research Scientist, Space and Naval Warfare Systems Center Pacific
- Dr. Francis Cheng
Professor of Chemistry with specialties in carbon materials, batteries and energy conversion, University of Idaho
- Mitchell R. Childress
Archaeologist and Cultural Resource Environmental Compliance Specialist, Commonwealth Heritage Group
- Prof. Krishnan Chittur
emeritus-professor in chemical engineering and biotech, Univ of ALabama Huntsville, cofounder of medical diagnostics startup (genecapture)
- Terigi Ciccone
Engineer, author of "A Hitchhiker's Journey Through Climate Change," and a proud former Sierra Club member

United States of America continued

- Prof. Claudio Cioffi-Revilla PhD, DSc Pol, 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
- Terry Donze BS-Geological Engineering, Lifetime Career in Geophysical Consulting
- Michael Down Petroleum Engineer, lifetime experience in the geo-energy industry
- Jack D. Downing Geologist and Geophysicist
- Gordon A. Dressler MSc, 36-year professional career as a rocket and spacecraft propulsion engineer, awarded six patents in the field of rocket propulsion
- Paul Driessen Senior Policy Advisor, Committee for a Constructive Tomorrow (CFACT) and Congress of Racial Equality (CORE)
- John Droz jr. Physicist, Founder of AWED Alliance
- Dr. William DuBroff PhD Metallurgy, Former Director of Research Inland Steel, Former Asst. Professor Clemson University

United States of America continued

- John Dueker MBA University of Houston, BSEE University of Notre Dame, 45 years of experience in environmental permit compliance
- Murray Duffin BSCEE, MBA, former Corporate Vice President for Total Quality and Environmental Management, Retired
- John Dale Dunn MD, JD, Lecturer Carl R. Darnall Army Medical Center, Fort Hood, Texas
- Jack Edwards AI research and development (Retired)
- Stephen Einhorn MSc in Chemistry, author of Climate Change: What they Rarely Teach In College
- Guy Ellison Second generation oil and gas explorationist
- Prof. James E. Enstrom PhD, MPH, FFACE, Retired UCLA Research Professor in Epidemiology, President of the Scientific Integrity Institute, Los Angeles
- Kenneth Epperson Nuclear Engineer
- Richard G. Eramian BA in mathematics and physics
- Willis Eschenbach Generalist and Author of many (peer-reviewed) critical Climate Articles with numerous Citations
- Vincent Esposito Adjunct Professor University of Pittsburg, PA, Doctor of Science in Nuclear Engineering (Un. Fo Virginia), Retired Manager from Westinghouse Electric Company
- Douglas Fairbent Retired Physicist trained in Condensed Matter Theory, PhD (Physics), University of Michigan, 1978
- Peter Farrell Fellow of the US National Academy of Engineering
- Ralph English Fisler professional aerospace engineer
- Edward Patrick Flaherty American lawyer based in Geneva, litigating against the UN, WMO, WIPO and other IOs on behalf of staff members, whistleblowers and injured third parties
- Rex Fleming Research Scientist, Author of Book on Carbon Dioxide Fallacy, Retired President Global Aerospace
- Jim Folcik Geosciences Manager Extraction Oil & Gas
- William Foley BS and MS in Geology, University of Kentucky, 30 plus years in the energy industry, including experience in uncertainty and probability analysis.
- James Forensky B.S.E.E. , M.D. Retired Engineer and Physician
- Dr. Geoffrey Q. Fox Geoffrey Q. Fox, Retired Neuroscientist, PhD in Anatomy and Physiology from the University of California, Berkeley
- Patrick Frank PhD, SLAC National Accelerator Laboratory, Stanford University
- Dr. Neil Frank Lifetime of Experience in Research and Forecasting in Tropical Meteorology, Former Director National Hurricane Center
- Gary Freeman PhD, Water Resources, President, River Research & Design, Inc
- Robert S. (Steve) Friberg Trend Resources LLC, Resources Exploration Geologist with +55 years of experience in the geological sciences field
- Gordon J. Fulks Astrophysicist, Board of Directors CO2 Coalition, Co-founder Global Warming Realists
- S. Fuller Hunt Biology Teacher at Preparatory High School of Mathematics, Science, Technology and Careers, Calabash, North Carolina
- Lynn Warren Funk accelerator physicist, climate realist
- Terry Gannon Physicist, Retired Semiconductor Executive
- Dr. Philip Garrou PhD Chemistry 1974 Indiana Univ. Retired Director of Technology at Dow Chemical's electronics division. Serves DARPA and the DoD as a microelectronics subject matter expert (SME)
- Louis Genevie PhD, Epidemiologist, www.LitStrat.com
- Nicholas de Gennaro PhD, PE, Coastal Engineer, Southport North Carolina
- Prof. Lee C. Gerhard PhD. in Geology, Retired Getty Professor of Geological Engineering from the Colorado School of Mines and Retired Director and State Geologist of the Kansas Geological Survey
- Ulrich H. Gerlach Professor of Mathematics, Ohio State University
- Thomas A. Gilliam PhD, Professor of Accounting, Retired
- Alan Glabe PhD Organic Chemistry, University of California, Retired
- Dr. William Glassco PhD in Medicinal Chemistry, former researcher, currently Instructor
- Curtis Fred Goddard Retired Geologist

United States of America continued

- 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, Space Physics and Space Technology, Space and Rocket History, University of Southern California
- Thomas Gyrog 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 ScientistSenior Research Scientist NASA Goddard Space Flight Center
- Korbi Hart Marketing Director Inland Crude Purchasing
- Peter J. Hatgelakas Masters in Petroleum Engineering, petroleum geologist, geophysicist, and petroleum engineer at Hatgelakas Consulting
- Bryan Haycock PhD, Adjunct Faculty at a University in the state of Utah
- Howard C. Hayden Emeritus Professor of Physics, University of Connecticut
- David Heald Retired Electrical Engineer
- Donald R. Healy BS, Degree in Forest Management from Oregon State University, Participated in Anthony Watts' first Surface Station Project
- Dennis E. Hedke Consulting Geophysicist; co-presenter of the 2018 testimony on Sea 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

United States of America continued

- 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)
- 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
- Kanzan Inoue MS & PhD in Physics, President & Physicist of Exponential Future LLC
- 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.
- Laurence N. Johnson Lt Col, USAF (Ret), MS in meteorology, MSE in aerospace engineering
- Randy Johnson Retired VP of Engineering and Geoscience Technology at two Fortune 500 independent oil companies
- Stephen Albert Johnston BS Molecular Biology, Phd Genetics, Phd Plant Breeding/Genetics, Postdoc Biochemistry, CEO, CSO Inventor
- John Joyce Climate Narrative Challenger
- Walter Kailey BA Physics with Honors, PhD Astronomy, Physicist, Inventor and high performance Computing Specialist
- Dr. Thomas J. Karr PhD physicist, Retired Principal Director in the U.S. Office of the Undersecretary of Defense for Research & Engineering
- James Kelly PhD Physics, data science executive
- Michael L. Kelly US Navy, BS, Tool Design Engineer (retired)
- Kerry Kelly Geology degree, Energy and Environment Professional
- Kathryn E. Kelly President Delta Toxicology
- 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 B.S. Ed. Mathematics, B.S. Physics, M.S. Nuclear Engineering, M.A. Physics
- Alex Kozinski Retired Judge on the US Court of Appeals

United States of America continued

- Wayne P. Kraus
Member American Institute of Chemical Engineers (AIChE)
- 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
Specialty Gases Chemist
- Frank Madarasz
Ph.D. (Ret) Condensed Matter Theoretical Physics
- Michael Maguire
Meteorologist/Scientist/Trader at MarketForum
- Jeffrey Mahn
Retired Nuclear Engineer Sandia National Laboratories (New Mexico), Member Scientists for Accurate Radiation Information (SARI), Member Nuclear Society (ANS)
- Matt Malkan
PhD, Distinguished Professor of Physics and Astronomy, UCLA
- Michael Maller
Professor Emeritus of Mathematics, Queens College, CUNY
- John Maney
Doctorate in Analytical Chemistry, career in environmental sampling, analysis and data quality
- Wally Manheimer
Retired from the US Naval Research Lab and life fellow of APS and IEEE, Author of “Mass Delusions, how they harm sustainable energy, climate policy, fusion and fusion breeding”
- Prof. Paul Manner
MD FRCSC, 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
- Kirk Maxey
BS Organic Chemistry, MD, President and Founder of Cayman Chemical Inc
- Andy May
Writer and Retired Petrophysicist
- Donald May
BS, PhD Chemistry, Research Fellow. (Retired)
- Gene McCall
Consultant to the Defense Science Board, Former consultant to the Department of Energy on Issues related to Inertial Fusion

United States of America continued

- 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
- Michael Monce PhD in Physics, Emeritus Professor of Physics, Astronomy, and Geophysics, Connecticut College
- Brian Moody Former GET Specialist for SMS Equipment in Ft McMurray
- David Moore PhD Physical Chemistry, Los Alamos Laboratory Fellow, lifetime career in molecular spectroscopy of materials at extreme conditions as well as trace detection of illicit materials
- James Moore Commercial Fisherman, President Alaska Trawlers Association, Executive Committee Northern Southeast Regional Aquaculture Association, Board member Armstrong Keta Inc.
- James R. Morris Geophysical Exploration Oil & Natural Gas
- Thomas L. Moser Retired NASA Senior Executive, Program Manager of the Space Station and Space Shuttle, Founder of the "Right Climate Stuff", a group of former NASA Engineers & Scientists
- Steven Mosher first American social scientist to conduct field research in China, exposed human rights abuses in China's one-child policy.
- David R. Motes Chemical Engineer, lifelong experience in the geo-energy industry
- 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

United States of America continued

- 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 Profesor of Biochemistry and Molecular Biology
- Charles W. Pennington Senior Vice President of Engineering NAC International (Retired), Secretary, XLNT Foundation, Board of Directors
- Morgan Perry MS, MBA, Founder and CEO of Stratus Aero, LLC an aviation technology company focusing on aerial directed energy for human betterment, patents in aerial directed energy.
- Jeffrey S. Philbin Retired Nuclear Engineer Sandia National Laboratories, Independent Consultant in Nuclear Facility Design and Safety Analysis, Nuclear Criticality Safety and Weapon Response
- Dr. Robert B. Phillips retired from radio astrophysics, specialised in calibration and validation of orbital IR and visible sensors (GOESS, STSS-1 and -2)
- 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 J. Rath BS in Forestry , Owner at NW Forestry & Engineering Consulting
- Brian D. Ray PhD in science education from Oregon State University, Salem
- 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

United States of America continued

- Fred A. Reitman professional career as a petroleum and petrochemical toxicologist.
- Forrest J. Remick Commissioner (Retired), US Nuclear Regulatory Commission
- 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 Saterlie PhD in Physics, Chief Engineer with major corporation and author of numerous technical papers.
- Jeffrey Satinover MD, PhD, research theoretical physicist in unpredictability of complex systems; director of a Sterling Institute neuropsychiatric facility.
- Kent Satterlee Executive Director at Gulf Offshore Research Institute (GORI)
- Dana H. Saylor Sr. a lifelong agriculturalist, retired, article "Living a lifetime of climate change"
- Hans Schantz PhD Physics, Principal Scientist, Geeks and Nerds Corporation, physicist, author, and inventor on over forty patents
- John Schell BS Marine Biology, PhD Toxicology, Toxicologist who has participated in the assessment of environmental impacts of chemical releases
- Jesse Schilling Certified Management Accountant
- Mike Schimmelpfennig Degreed Mining Engineer with more than 40 years of experience
- Brian Schmidt Co-Founder and Chief Visionary Officer of Primary Ocean Aquaculture division and Primary Bio Agriculture - Agriculture division
- Harold Grant Scoggins retired IT professional
- John Seater PhD, Emeritus Professor of Economics, North Carolina State University
- Mark W. Sellers PhD Systems Science, Modeling and Analysis of Complex Systems
- Edwin T. Sewall Retired BS Electrical Engineering, Southern Methodist University 1960 Dallas Texas
- John A. Shanahan Civil Engineer with Career in Nuclear Power, Public Education about Fossil Fuels including question of man-made Global Warming and Nuclear Power through Website: allaboutenergy.net
- William Sharp PhD Applied Science, Retired.
- Roscoe M. Shaw meteorologist and portfolio manager
- Dr. Thomas P. Sheahen PhD in Physics at MIT, Chairman, Science & Environmental Policy Project, involved in energy-related research for 45 years
- 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
- Elliot Smith airline pilot, climate realist, 30+ years of studying AGW data
- Robert J. Smith Bachelor of Physics, Aircraft test and evaluation engineer

United States of America continued

- Robert P. Smith PhD, PE, Environmental Scientist and Professional Engineer
- Professor William H. Smith Professor of Earth & Planetary Sciences, Astronomer and Planetary & Atmospheric Scientist, involved in the Analysis of the Earth's Climate and Renewable Energy Systems
- Nicholas Smith-Sebasto PhD, Retired Professor of Environmental and Sustainability Studies
- 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 Quinault Indian Nation, a BS in forest management at the University of Minnesota, 1979
- Ronald Stein Professional Engineer, Policy Adviser to Heartland Institute on Energy, and Co-Author of the Amazon 5-Star rated books "Energy Made Easy" and "Just GREEN Electricity"
- Kenneth S. Stevens PhD, Professor, University of Utah, Electrical and Computer Engineering Dept
- Brent K. Stewart PhD, Professor Emeritus, Radiology, University of Washington School of Medicine
- Jonathan Stigant BSc Engineering Science
- Kenneth Stoller MD - Lifetime Fellow, American College of Hyperbaric Medicine, author of Incurable Me (Skyhorse 2016)
- David Stubbs MSc Physics, Sr. Research Scientist, Aerospace Materials and Nondestructive Testing, Retired
- Gerald M. Sulzer MS Chemical Engineer, Retired Director of Technology, Albemarle Corporation
- Soames Summerhays Marine Biologist, Film Maker
- 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, Golden Colorado
- Bradley Thomas M.A. Air Pollution Meteorology
- 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 Trzupek Chemist and Air Quality Expert
- Mark Twaalfhoven Executive CEO Technology Companies
- Peter Villucci MSc. Organic Chemistry, Lifetime science and communications professional
- Arthur Viterito PhD, Physical Geography, Policy Adviser to the Heartland Institute

United States of America continued

- Dariusz Vogelsinger
Psychologist
PhD, Professor of Biochemistry, Medical College of Wisconsin
Scientist and Engineer with MS Chemical Engineering from Clemson Univ, lifetime career in the semiconductor industry, owner of 13 awarded patents
- Brian Volkman
Guggenheim Fellow, Professor of Atmospheric, Nuclear and Environmental Chemistry, University of Maryland
- Whitson G. Waldo
Professor of Physics, Presbyterian College
lifetime career in energy, energy policy and sustainable operations
More than 65 years of interest in Meteorology and Climatology, Author of "Looking Out the Window", an evidence based defense of CO2 charged with being a climate change force
Retired Engineer and Climate Researcher
- William B. Walters
Lawyer in International Law and Foreign Affairs
EPA, OGWDW/TSC, climate realist
- James Wanliss
PhD, physical geography with specializations in climate science and remote sensing
- R. Peter Weaver
PhD, Director Medical Affairs, Regeneron Pharmaceuticals, Inc.
MD from McGill U, Montreal, Fellow of the American College of Radiology
- Robert Webster
PhD in Geochemistry from UCLA, Assistant Professor of Geological Sciences at the University of Alabama
Professional Meteorologist
- Steven E. Weismantel
PhD, Lifetime research scientist with subjects from molecular to population pathology with a special interest in immunopathology and atopic disease
- Isaac William Wells
PhD, University Distinguished Professor Emeritus, Oregon State University
- Dr. Steven C. Wendelken
B.Sc. Physics, Post Undergrad Studies: Atmospheric Physics & Chemistry, Industrial Capitalist and Innovator
Certified Petroleum Geologist
- Gary S. Westerman
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- Stephen H. Westing
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- Jim Whiting
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1 SIGNATORY FROM VIETNAM

1 Signatory

- Dr. Thi Thuy Van Dinh
PhD in environmental law, University of Limoges, former official of the UN Secretariat



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