THERE IS NO CLIMATE Declaration THERE IS NO CLIMATE SERVICE SE

1975 SIGNATORIES



GLOBAL CLIMATE INTELLIGENCE GROUP

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World Climate Declaration

THERE IS NO CLIMATE EMERGENCY



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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 CO_2 is beneficial.

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

 CO_2 is not a pollutant. It is essential to all life on Earth. More CO_2 is favorable for nature, greening our planet. Additional CO_2 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 CO_2 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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1 Signatory

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• Marcello Silva Sader Graduated in Veterinary Medicine and Computer Sciences

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146	Sign	ato	rie

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Russ Babcock retired biochemist, lifetime experience in the mining and smelting

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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

Alain Bonnier
 PhD, Physique, INRS-Centre de Recherche en Énergie, Montréal
 Andrew Bonvicini
 Professional Geophysicist, Former President of Friends of Science

Society

• Dr. Don Bowen PhD population ecology, Emeritus Research Scientist, Bedford

Institute of Oceanography

• Jacques Brassard Minister of Recreation (1984), Minister of Environment (1994),

Minister of Transport and Intergovernmental Affairs of Canada

(1996), Minister of Natural Resources and House Leader

• Kevin Burke MSc in Marine Biology, author/co-author of 2 technical report with the

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

Michel Chapdelaine
 MSc, Géologie, Montréal

Michel Chossudovsky
 PhD of Economics, Professor of Economics, Emeritus, University of

Ottawa

Ian Clark
 Professor of Earth and Environmental Sciences, University of Ottawa

Henry Clark
 Thermal/Power Engineer

• Edmond (Ted) Clarke MSc, Engineering, Member of Friends on Science Society

• Paulo N. Correa Biophysicist and Oncologist, Inventor, Author of numerous books and

research papers, Director of Research at Aurora Biophysics Research

Institute

• Hortense Côté Ingénieur Géologue, Goldminds

Susan Crockford Zoologist and Polar Bear Expert, Former Adjunct Professor University

of Victoria

Norman Curry Technical College, Design Engineering-Mechanical Engineering,

President of National Zephyr Research

Charles Danten former veterinarian, scientific translator, author, and free-lance

journalist.

• John Bruce Davies BSc Pysics and Mathematics, MSc Geoscience, PhD Geophysics and

Astrophysics, awards for research on cosmology and fundamental

physics.

Ronald Davison
 Professional Chemical Engineer, President of Friends of Science

Society

• Dr. E. David Day BSc, PhD, Chemistry

• A.E. Dixon PhD, Emeritus Professor of Physics, University of Waterloo

• Eric Ducharme MSc, Géologie, Abitibi

• Michel Dumais Ingénieur Civil Retraité, Université d'Ottawa

Dr. George Duncan
 PhD, Retired environmental consultant from A &A Environmental

Consultants Inc.

Claude Duplessis
 BcSc, Géologie, Ingénieur Géologue, Goldminds

· Craig A. Elliott MSc Mechanical Engineering, Design Consultant, President at CAElliott

· Ashton Embry Research Geologist, Embry Holdings

• Christopher Essex Emeritus Professor of Mathematics and Emeritus Professor of Physics,

University of Western Ontario

Anaesthesiologist, B.A., M.D., FRCPC · David Fermor · Chris Fleming PhD, Senior Metallurgical Consultant

· Len Flint Ph.D, P.Eng. (Life Member). A 54 year career in oil and gas and

renewable energies. Advisor on GHG footprints for several companies

in Canada. Follower of the broad science.

· André Forgues Meteorologist/Aerologist

· Jeffrey Foss† Professor of Philosophy of Science, University of Victoria; Former WCD

Ambassador

• Joseph Fournier PhD, Expert in Physical Chemistry

 Anita Frayne farmer and firm adherent of science realism-based decision making.

• Paul M. Gagnon Professional Engineer

· George Gale PhD Geology, Mineral Deposit Geoscience

• Thomas P. Gallagher Earth Scientists, life-long career in the study of paleoclimate, geology

and earth ocean systems, see https://www.youtube.com/watch?v=pj-

Iu1i317E

• I. Claude Gobeil BSc, Geology

· Douglas Goodman Engineer, life of time experience in the geo-energy industry Professional Engineer, Director Friends of Science Society · Kenneth B. Gregory

• Dr. Jean-Francois Guay Regional planner and research professor - Environmental decision

system modelling

• Dr. Paul Hamblin Retired Research Scientist Environment Canada, Advisor to the

Georgian Bay Association

• John Hastie MSc Soil Physics, Reclamation and Soil Scientist • Mark T. Hohm P.ENG., Director Friends of Science Society

· R.G. Holtby profesional agrologist

· Patrick Hunt former member of the Royal Canadian Navy, former member of the

Legislative Assembly of Nova Scotia, retired entrepreneur in the high-

tech field (35 Years)

• Rick Ironside Director Fortress ESG, provides specialized expertise to help clients

map out their journey to attempt to achieve the goal of net zero by

2050

· Eric Jelinski M. Eng. P. Eng., Alumni and Contract Lecturer, University of Toronto,

Department of Chemical Engineering and Applied Chemistry, CHE568

Lecturer, Nuclear Plant Engineering

• Paul A. Johnston Associate Professor, Paleontology, Paleoecology, Department of Earth

and Environmental Sciences, Mount Royal University, Calgary, Alberta

· Richard T. Jones experimental physicist, researched in the field of fission energy

· E. Craig Jowett Geologist and Environmental Researcher PhD University of Toronto • Andre Julien

MSc Mechanical Engineering, Thermodynamics Expert, over 40

patents published

· Klaus L.E. Kaiser Retired Research Scientist, National Water Research Institute, Author

of Numerous Press Articles

· Bogdan Kasprzak Professional Geoscientist, life time experience in data modelling, data

analysing and data interpretation

· Madhav Khandekar Expert Reviewer IPCC 2007 AR4 Report

• David Koop BSc,Analytical Chemist

• Kees van Kooten Professor of Economics and Canada Research Chair in Environmental

Studies and Climate, University of Victoria

· Emil Koteles PhD in Solid State Physics, Max Planck Institute in Stuttgart, National

Research Council of Canada, visiting professor at Zhejiang University

in Hangzhou, retired

Professeur Retraité de Philosophie, CEGEP du Vieux Montréal · Jean Laberge

· Sherri Lange CEO North American Platform Against Wind Power, Great Lakes Wind

• M.J. Lavigne MSc, Professional Geologist

· Douglas Leahey PhD, Meteorology, Former President of Friends of Science

Professor Denis Leahy
 PhD in Astrophysics, Full Professor in the Department of Physics and

Astronomy, University of Calgary

• Dr. Catherine Lebrun PhD, Management, HEC Montreal

Robert Ledoux PhD, Professeur Retraité en Géologie, Université Laval
 Dick Leppky Retired businessman and Independent Truth Seeker

Richard Lewanski
 BsC (Hons) in Geophysics from the university of Manitoba, Exploration

Geophysicist, Founder and CEO of several exploration and production

companies in the oil industry

• H. Douglas Lightfoot Research Engineer in the Chemical Industry, Co-Founder of the

Lightfoot Institute, papers on Alternative Energy and Atmospheric

CO2

Gerald Machnee Retired Meteorologist, Environment Canada

Allan M.R. MacRae
 Retired Engineer

• 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 Geology, BASc, Applied Geology, MEng., Mining

Stuart McDonald Retired Canadian Insurance Broker

• Dwight McIntosh degree in physics and geology at the University of Alberta, lifetime of

experience in the geo-energy industry, advisor on how to cope with

financial penalties for GHG emissions

Norman Miller Former P.Eng, now Retired

Ron Mills
 Geologist/geochemist Emeritus NS Geological Survey

Randall S. Morley veterinary epidemiologist, retired

• Dr. Thomas F. Moslow PhD, P. Geol., President Moslow Geoscience Consulting Ltd., Adjunct

Professor Department of Geoscience, University of Calgary

• Roland Moutal Teacher Physics and Chemistry at Vancouver Community College

Prof. Frank Mucciardi retired Professor in the Department of Mining and Materials

Engineering at McGill University Montreal, research focus on energy,

heat transfer, fluid mechanics and modeling

Eiichiro Ochiai Emeritus Professor, Juniata College (USA)

Christian Olivier former Postdoc @ UC Berkeley

Robert Orr Historical Linguist
 Scott Patterson Professional Geologist

Andy Pattullo Associate Professor of Medicine at the University of Calgary

• Steven Pearce PhD, Lecturer

Prof. David A. Penny
 PhD, Former Associate Professor, Dept. of Computer Science,

University of Toronto, currently CTO at BlueCat Networks

Gregory Phillips Retired Agrifood Industry Professional, with research background in

biology, economics and policy formulation.

Jozinus Ploeg retired Vice-President, Engineering and Technology, National Research

Council, Canada. Field of expertise: Energy transfer from atmosphere

to surface of ocean, wave mechanics

Joe Postma Research Analyst, Physics & Astronomy, University of Calgary
 Brian R. Pratt Professor of Geological Sciences, University of Saskatchewan

BSc Chem. Eng, P.Eng, Member of Association of Professional

Engineers and Geoscientists of Alberta

• Gerald Ratzer Professor Emeritus, Computer Science McGill University, Montreal

• John Angus Raw aerospace engineer, specialised in aerodynamics, life time career in

the international aerospace industry

• Dr. Michael Raw PhD in Mechanical Engineering, specialization in computer modelling

of fluid flow and heat transfer, current field of work in technology

management

• Robert James Reid BSF degree, Registered Professional Forester, lifetime experience in

the forestry industry

Norman Reilly Professor Emeritus of Mathematics, Simon Fraser University, British

Columbia

Gérald Riverin PhD, Géologie, Géologue Retraité

• John Robson Historian, Journalist, Documentary Filmmaker

· Michael Priaro

· Michelle Stirling

Peter Salonius Retired Research Scientist, Natural Resources
 Marcelo C. Santos Professor of Geodesy, University of New Brunswick

Paul R. Schmidt
 BSc, Professional Engineer Ontario, Research Scientist, Author/
 Company of the Com

Lecturer 'Review & Analysis of Climate Change', Member Friends of

Science

• Ian de W. Semple Retired Exploration Geologist and Mining Investment Analyst of McGill

University

Afshin Shahzamani Retired professional (Medical Science Liaison) pharmaceutical

ndustry

• Élie Shama Ingénieur Retraité en Électromécanique, Président d'Éconoden,

Montréal

Wayne Shepheard
 MSc Geology, Retired oil and gas explorer

• H.F. (Gus) Shurvell Emeritus Professor of Chemistry, Queen's University

Brian Slack Distinguished Professor Emeritus, Concordia University Montreal,

Department of Geography, Planning and Environment

Aize Smit MSc Climatology on Global Warming, retired high school science and

A.P. environmental science teacher

Nigel Southway
 Business and Manufacturing Engineering Consultant, Educator, and

Author

Rodolfo (Rudy) Spatzner
 graduated from Environmental/Civil Engineering Technology, Humber

College, Ontario, lifetime experience in wireless networks across

North America

• Robert Sproule PhD, Professor of Economics, Bishop's University, Quebec, Canada

Writer/Researcher with focus on 'consensus' social proofs, Top 10% downloaded author on SSRN, Communications Manager, Friends of

Science Society

Mary Taitt
 PhD Zoology, MSc Ecology, retired

Mario Thomas
 B.Sc., Ph.D. Chemistry, CEO and Chairman of Precision Biomonitoring

Inc.

Graydon Tranquilla BScEE, Electrical Power, Senior Electrical Engineer (retired), now an

energy advisory consultant

V Ismet Ugursal Professor of Mechanical Engineering, Dalhousie University

Marc Vallée
 PhD, Geophysicien

Petr Vaníček
 Dr. Sc, Professor Emeritus of Geodesy, University of New Brunswick

Duncan Veasey psychiatrist with a particular interest in mass hysteria,

authoritarianism and social compliance

• Prof. Dr. Ir. Frank C.J.M. van Veggel Full Professor at the University of Victoria, M.Eng and PhD in Chemical

Technology, University of Twente, The Netherlands, Since 2015 Fellow

of the Royal Society of Canada

• Jean-Joel Vonarburg PhD, Professeur Ingénieur, Université du Québec à Chicoutimi

• Dr. Ronald Voss PhD Chemistry, lifetime career in the environment department of a

research consortium

Robert Wager
 BSc and MSc, Microbiological Sciences and Immunology, Biochemistry

and Molecular Biology, Retired

• Dr. Helen Warn PhD in Fluid Dynamics from McGill University

• Dr. Thorpe W. Watson material science, lifetime career in the mining industry with focus on

intellectual property protection

• Larry Weiers energy engineer, retired, author of "Sustainability of the Modern

Human Economy"

William van Wijngaarden
 Kenneth W. Wilson
 Daryl Youck
 Professional Engineer (retired)
 MSc, PEng, Oil Sands Pioneer

• AL ZEEPER Physicist, Mathematically discovered the Unification of Gravity with

Electricity and Magnetism



4 SIGNATORIES FROM CHILE

1 WCD Ambassador

Douglas Pollock
 Civil Industrial Engineer, University of Chile

Chile continued

3 Signatories

• Juan Luis Edwards Velasco 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



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 Retired Professor, Dpt of Earth Sciences, University of Hong Kong,

Dept Chairman Climate Change Science Implementation Team UNESCO year for Planet Earth, Expert Reviewer IPCC AR2

NG Young
 Principal Geoscientist, Danxiashan Global Geopark of China



2 SIGNATORIES FROM COLOMBIA

2 Signatories

Felipe Villegas

William Antonio Lozano Rivas full Professor of Water Management, Water Engineering, Climate and

Meteorology, Simulation and Modeling; Piloto de Colombia University

MSc Civil engineer. MBA, Consultant for Energy, Policy and Regulation



1 SIGNATORY FROM COSTA RICA

1 Signatory

Eugenio G. Araya
 Theoretical Physicist, Researcher, former scientist at University of

Costa Rica



2 SIGNATORIES FROM CROATIA

1 WCD Ambassador

• Dušan Bižić MSc, Meteorologist, Head of Radar Centre of the Croation

Meteorological and Hydrological Service

1 Signatory

• Zorislav Gerber MSc, Head of Hail Prevention Support Department, Croatian

Meteorological and Hydrological Service



1 SIGNATORY FROM CYPRUS

1 Signatory

• Darko Krstic editor of https://philosophyofgoodnews.com/



18 SIGNATORIES FROM CZECH REPUBLIC

18 Signatories

Ladislav Bocak
 PhD, Professor of Entomology, Czech Advanced Technology and

Research Institute

Pavel Dudr Ing, Independent publicist and climatologist / Pravy prostor, EP

Shark/

• Jiri Duspiva expert in safety of nuclear installation

• Tomas Furst PhD, teacher of mathematics at Palacky University in Olomouc and a

proponent of correct, i.e. Bayesian inference

Ketil Haarstad statistics and geology. Retired from Norwegian Institute for

Bioresearch NIBIO since 2022.

Václav Hubinger
 Pavel Kalenda
 Retired Ambassador, Anthropologist.
 CSc., Coal Expert, private expert firm

Czech Republic continued

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

Founder of the Václav Klaus Institute

Peter Kopa Lawyer, Writer, Publisher, Founder of thinktanklatam.org

Tomáš Kvítek Professor, Faculty of Agriculture and Technology, Department of

Applied Ecology, University of South Bohemia in Ceské Budejovice

• Lubos Motl PhD, former Harvard faculty, high energy theoretical physicist, co-

author of the 2009 NIPCC report

Václav Procházka participates in paleoclimatic research of sediments in central Europe

and in the exogenous model of global tectonics showing that the Earth

crust cannot be ignored in climatic models.

Dr. Milan Šálek
 PhD, Freelance Meteorologist and Consultant

• Ivan Spicka Professor of Internal Medicine at Charles University with speciality in

Hemato-Oncology, Prague

Dalibor Štys professor of Applied physics, Faculty of Fisheries and Protection of

Waters, University of South Bohemia in ?eské Bud?jovice

Gary M. Vasey
 PhD, Geology, Managing Partner and Analyst in Commodity

Technology Advisory llc

Ing. Miroslav Žáček
 PhD., aplied 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 Professor of Physics, Niels Bohr Institute, University of Copenhagen

Claus Beyer Geologist, gen.manager for CB-Magneto, possessing palaeomagnetic

laboratory

• Steffen Frederiksen MSc Economics, Climate Economics, Cost benefit analysis of CO2

• Dr. Hans Götzsche Emeritus Associate Professor, Linguistics and Philosophy of Science,

President Nordic Associaton of Linguists (NAL), Director, Center for

Linguistics, Aalborg University

• Frank Hansen Emeritus Professor, Department of Mathematics, University of

Copenhagen

Niels Harrit
 PhD, Emeritus Associate Professor of Chemistry, Dept. Chemistry,

University of Copenhagen

• Sören Kjärsgaard Professional Chemical Engineer

• Johannes Krüger Emeritus Professor, Dr. Scient, Department of Geosciences and Natural

Resource Management, University of Copenhagen

Knud Larsen PhD, Natural Sciences

Peter Locht Senior Lecturer, Business Academy Aarhus (statistics)

Peter Kjær Poulsen
 Metering Engineer

Steen Rasmussen
 Bsc in Electrical Engineering from Denmark Technical University,

lifetime career at IBM Denmark Aps

Environment, Roskilde University

Pavel Svennerberg
 Master of engineering, Technology of oil and gas processing



1 SIGNATORY FROM ECUADOR

1 Signatory

Fernando Villon

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



1 SIGNATORY FROM ESTONIA

1 Signatory

• Andres Saukas

Diploma Electrical Engineer, Estonian Society of Moritz Hermann Jacobi



7 SIGNATORIES FROM FINLAND

7 Signatories

Merit Enckell
 PhD, MSc, former KTH, Royal Institute of Technology, freelance

researcher, specialist in Structural Health Monitoring, sustainable

development

Christer Kald Engineer with academic studies in Physics, Chemistry and

Mathematics

Simo Mykkanen
 Ba Econ, small business owner, retired

Ari Okkonen
 MSc EE, Finland, Climate data analysis enthusiast

• Dr. Antero Ollila Emeritus Adj. Ass. Professor Aalto University, expert in atmospheric

modeling

• Simo Ruoho President Ilmastofoorumi ry Finland, Signature of association https://

ilmastofoorumi.fi including its scientists and professional members

Boris Winterhalter Retired Marine Geology, Geological Survey of Finland



113 SIGNATORIES FROM FRANCE

1 WCD Ambassador

• Benoît Rittaud Assistant professor of Mathematics at University of Paris-Nord,

President of the French Association des climato-réalistes

112 Signatories

• Jean-Charles Abbé Former Research Director at CNRS, Labs Director (Strasbourg, Nantes)

in Radiochemistry, Expert at NATO and IAEA

• Pascal Acot Centre National de la Recherche Scientific, Paris

Bertrand Alliot Environmentalist

Yacine Amara PhD of Applied Physics, Professor of Electrical Engineering

Frédéric Antoine graduated from Sciences Politiques in France
 Charles Aubourg Full Professor at the University of Pau, Geophysicist

Hervé Azoulay
 Engineer (CNAM), Specialist of Networks and Systemics, CEO and

President of several Associations

Guy Barbey Alumnus of Harvard Business School, Retired Investment Banker,

Founder and President of 'Climate et Vérité'

• Jean-Pierre Bardinet Ingénieur ENSEM, Publicist on Climate Issues

Yorik Baunay
 Geographer (Master 2) specialized in the natural risk and crisis

management, CEO of Ubyrisk Consultants (firm specialized on natural

hazard mitigation)

Bernard Beauzamy
 University Professor (Ret.), Chairman and CEO, Société de Calcul

Mathématique SA (Paris)

Serge Bellotto PhD, Geology

Guy Bensimon Retired Associate Professor of Economics at Institute of Political

Studies of Grenoble (SciencesPo Grenoble)

• Jean-Claude Bernier Emeritus Professor (University of Strasbourg), Former Director of the

Institute of Chemistry of the CNRS

• Pierre Beslu† Former Researcher and Head of Department in the French Nuclear

Energy Commission (CEA)

Michel Bouillet PhD, Human Geography, Emeritus Professor, Former Associate

Researcher at the MMSH (Aix-en-Provence)

Christian Buson PhD, Agronomy, Director of Research in a Company (impact studies in

Environmental Issues, Sewage Treatment)

• Jean-Louis Butré Head of Laboratory at Grenoble Nuclear Research Center, President

of the Fédération Environnement Durable and the European Platform

Against Windfarms

Emmanuel Camhi
 Msc in Physics, life time experience in Complex Systems Modeling and

Data Analysis in the Aerospace industry

Bernard Capai Retired Chemistry Engineer, Specialist of Industrial Processes avoiding

the use of Carcinogenic Solvents

John Carr
 PhD in Physics, Directeur de Recherche CNRS (retired), Particle

Physics and Astroparticle Physics

Patrick de Casanove Doctor of Medicine, Chairman of the Cercle Frédéric Bastiat

France continued

• Philippe Catier Medical Doctor • Vincent Chaplot PhD Soil Science, Senior Research Scientist • Bruno Chaumontet Engineer ENSEA, specialized in Feedback Systems • Pascal Chondroyannis Forest Engineer, Retired Director of the National Alpine Botanical Conservatory (2008-2013) · Jean Michel Colin PhD, Retired Chemist Engineer, Expert for the French Academic **Evaluation Agency (AERES)** · Philippe Colomban CNRS Research Emeritus Professor, Former Head of Laboratory at Université Piere-et-Marie Curie, Expert in Hydrogen-based Energy Storage · Jacques Colombani Former Research Director ORSTOM-IRD, numerous Studies in Hydrology and Climatology and Specialist in Fluid Mechanics, Member of the Board of ORSTOM for twenty years • Christian Coppe PhD, Organic & Analytical Chemistry Energy Engineer at ENSEM Nancy, specialist in Industrial Process and • Philippe Costa **Energy Saving** · Vincent Courtillot Geophysicist, Member of the French Academy of Sciences, Former Director of the Institute de Physique du Globe de Paris • Pierre Darriulat Professor of Physics, Member of the French Academy of Sciences · Jean Davy Engineer (ENSAM), Digital Modeling Software Developer Retired Research Chemist, lifetime R&D experience in the general • Dr. Stephen John Dearden 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 Retired Professor of Thermal and Energy Engineering at the "Institut • Jean-Pierre Desmoulins Universitaire de Technologie, Université-Grenobles-Alpes" · Gérard Douhet PhD, Nuclear Physics, Retired Engineer at CERN, Technical Manager on Digital Transmission and Video Encoding • Hubert Dulieu Emeritus Professor Applied Ecology, Formerly Senior Researcher in the CNRS, President of the National Scientific Research Committee, Vegetal Biology Section (XXVII) • Dr. Denis Dupuy Urologist, climate realist • Bruno Durieux Economist, Former Minister of Health and of Foreign Trade, Ancient Administrator of the French National Institute of Statistics and Economic Studies (INSEE) • Ralph Ellis Bsc in Aviation, ATPL · Max Falque International Consultant in Environmental Policy PhD, Retired Teacher-Researcher (MCF), University of Lyon · Serge Ferry · Patrick Fischer Associate Professor in Applied Mathematics, University of Bordeaux · Michel Frenkiel Engineer (Arts et Métiers), Former Researcher with NCAR at Boulder · Francis le Gaillard PhD. Natural Sciences and Pharmaceutical Sciences, Emeritus Professor of Biochemistry at the Faculty of Pharmaceutical Sciences of Toulouse • François Gauchenot Governance Specialist, Founder of Saint George Institute • Denis Geraads PhD, Emeritus Directeur de Recherches, CNRS, Paris. Paleontologist and paleoecologist, specialized in Miocene to Pleistocene mammals. · Jean Gergelé Engineer Graduate from the Ecole Centrale de Lyon, R&D Director, Freelance Consultant, mainly in the Li-ion battery development Former Advisor of several French Prime Ministers, Formerly • Christian Gérondeau responsible for the Road Traffic Safety Policy for France and the European Union · Francois Gervais Emeritus Professor of Physics and Material Sciences, University of · Philippe Giraudin Ecole Polytechnique Paris, Geographic Sciences • Bernard Grandchamp Agronomic Engineer and Environment & Plant Defense Expert, Managing Director of Famoux Chateaux Viticoles in Bordeaux • Gilles Granereau Former Meteorologist, currently Project Manager Environment and Tourism, Worked on Coastal Risks, Marine Erosion, Sand Dune Fixation, Hydraulics, Forest Management, Botany · Maximilian Hasler Associate Professor in Mathematics, University of French West Indies

France continued

· Charles Hazan Retired Chemist (ENSCP) and Chemical Engineer (UMIST) Former Technical Director Nosolor • Manfred Horst MD, PhD, MBA, lifetime career in healthcare and pharmaceuticals • Ed Hoskins MSc, Founder of Applied Research of Cambridge • Julien Iapichella PhD in Chemistry · Yvon Jarny Emeritus Professor in Thermal and Energy Sciences, Nantes University Retired A&M Engineer specialized in Microwave Communication · Claude Jobin Emeritus Professor of Psychology, University of Dundee, Fellow of · Alan Kennedy Royal Society of Edinburgh Vladimir Klein lifetime career in renewable energy projects, patent holder in aerobic composting of organic waste · Alexandre Krivitzky Psychoanalyst, Member of the International Psychoanalytical Association · Roger Lainé Retired Geological Engineer • Philippe de Larminat Professor at École Centrale de Nantes, specialist of Business Process Modeling · Jacques Laurentie Aeronautical Engineer, and CEO of a software publishing company • René Laversanne Researcher at the CNRS, 16 patents · Christian Liegeois PhD Physics, patent holder in photonics · Jean-Marie Longin Engineer (Saint-Cyr), Chief of the Pole Operations of Security **Inventory Management** • Guy Lucazeau Emeritus Professor (Institut Polytechnique de Grenobel) in Material Sciences and Spectroscopy • Philippe Malburet Emeritus Associated Professor of Mathematics, Founder of the Planetarium of Aix-en-Provence, Member of the Academy of Aix-en-Provence • Christian Marchal Astronomer and Mathematician, Former Research Director at the French National Office for Aerospace Studies and Research PhD in Geosciences Montpellier University, lifetime career in the geo-• Dr. Yves G. Maria-Sube energy industry Applied Physicist, Senior Staff Member in the Experimental Physics · Paolo Martinengo Department, Detector Technologies Group, CERN · Patrick Mellett Architect and CEO PhD, Head of Metrology-Chemistry Oceanography Lab, Brest · Marc le Menn Ingénieur Civil de l'école de la Métallurgie et des Mines de Nancy, Chef Henri Mertz d'Entreprises · Serge Monier former manager of various multinational companies, at present Cofounder and Treasurer of 'Climat et Vérité' Emeritus Research Director, CNRS-Université de Rennes, Research • Jean-Laurent Monnier Worker at the CNRS from 1973 to 2013, speciality in Pleistocene Geology in Western Europe • Jacques-Marie Moranne Retired Engineer (Ecole Centrale de Lille), Specialist in Air and Water Purification, Chemical and Nuclear Engineering Emeritus Professor Geography at Université Michel de Montaigne, · Serge Morin Bordeaux, Honorary Mayer of Branne • Cédric Moro Geographer on Natural Hazards Management, Co-Founder of Visov, a NGO in Civil Defense · Philippe Morvan Engineer ENSTA and Génie Maritime, specialist in Software Development • Dr. Arnaud Muller-Feuga former researcher in biological oceanography, agronomy engineer, founder of Microphyt SA. Now retired. · Charles Naville R&D Exploration Geophysicist, IFP Energies Nouvelles · Massimo Nespolo PhD, Distinguished Professor of Mineralogy and Crystallography, Université de Lorraine, France · 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'

France continued

 Dr. Patrice Poyet 	Graduated at Ecole des Mines de Paris as a geochemist and defended
	a D.Sc. (1986) at Nice University / INRIA, author of 'The Rational

Climate e-Book'

• Rémy Prud'homme Emeritus Professor in Economics at University of Paris-Est, Former

Deputy-Director, Environment Directorate, OECD

Jean Marie Ravier Engineer of ECOLE CENTRALE DE PARIS, and diplomed SCIENCES

POLITIQUES PARIS, recently retired MD of small industrial company

Pierre Richard
 Engineer ESPCI Paris, Former Research Geochemist at Institut de

Physique du Globe de Paris (IPGP)

Pierre Ripoche
 Engineer INSA in Chemistry, Retired Project Manager in R&D, Expert

in High Temperature Plasma for Optical Fiber Process

Isabell Rivals† Associate Professor in Statistics at ESPCI Paris
 Betrand Rouffiange Doctor of Medicine, specialized in Radiology

• Jean Rouquerol Emeritus Research Director at CNRS Marseille, Expert in Gas

Adsorption and Calorimetry

Georges de Sablet Retired Associate Professor at University of Paris Descartes, formerly

in charge of Operating Systems and Networks at IUT Paris

• Jorge Julian Sanchez Martinez PhD in Physics, Msc in Solid State Physics MsC in Maths

• François Simonet PhD, Biology, Former Director for Planning and Forsight in a State

Agency for Water and Aquatic Ecosystems Management

• Zakaria Tarif Scientific engineer specialized in electrical energy and

telecommunications

• Luc C. Tartar Mathematician, corresponding member of Académie des Sciences

in Paris, University Professor of Mathematics emeritus at Carnegie

Mellon University, Pittsburgh, PA

Marcel Terrier Ex Engineers in Industry, Former Teacher at the Douai School of Mines
 Michel Thizon Chemical engineer, ACR (Association des Climato-Réalistes, France)

member, former researcher at the Ecole Polytechnique, consultant,

retired

David Uzal PhD philosophy of technics and PhD of practical philosophy
 Etienne Vernaz Former Director of Research of CEA (Commissariat à l'Énergie Atomique) in France, Professor at INSTN (Institut National des

Sciences et Techniques Nucléaires)

Camille Veyres Retired Engineer at École des Mines, specialist in Telecommunications

and Broadband Networks

Werner de Ville Vreden writer ("Afrika"), developper and author

Brigitte van Vliet-Lanoë Geoscientist, Emeritus Research Director (CNRS, Université de

Bretagne Occidentale), Stratigraphy and Paleoenvironments,

Quaternary and Holocene

Théa Vogt
 Retired CNRS Searcher, Géomorphology, Quaternary

Palaeoenvironments, Soil and Desertification Remote Sensing

• Henry Voron Retired Civil Chief Engineer, specialized in Water Management

120 SIGNATORIES FROM GERMANY

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Fritz Vahrenholt
 Professor (i.R.) am Institut für Technische und Makromolekulare

Chemie der Universität Hamburg

119 Signatories

• Detlef Ahlborn PhD, Expert on German Energy Transition (Energiewende)

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 Professor of Economics, FOM Hochschule f
ür Oekonomie und

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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 Emeritus Professor of Mathematics, University of Hamburg

Dietrich Bannert Professor Honoris Causa, University of Marburg

Graham George Baumber former agronomist & irrigation crop specialist, business man &

investor

• Dr. Lars Birlenbach Dr. in Chemistry, University of Siegen

Michael Bockisch Emeritus Professor Chemistry at the Technical University of Berlin

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• Klaus-Dieter Böhme Dipl. Physicist, professional experience in X-ray spectroscopy · Thomas Brey PhD in Natural Sciences (Dr. rer. nat), Marine Ecological Researcher · Stephan Bujnoch Wirtschaftsingenieur (i.e. a combination of economics and engineering), retired manager with the automotive industry • Martin Bülow Emeritus Professor of Physical Chemistry at the Leibniz Sozität der Wissenschaften zu Berlin, e.V. • Eike-Mattias Bultmann Geoscientist • Prof. (i.R.) Dr.rer.nat Eberhard Burkel Prof. (i.R.) Dr.rer.nat, Physics of New Materials, University of Rostock • Dr. Arthur Chudy Agricultural Chemist, OT Warsaw • Dr. Günter Dedié Dipl. Physiker • Prof. Dr. Hans Demanowski Engineer, Professor of Packaging Technology, BHT, Berlin, expert in Counterfeit Protection, holder of several Patents in this field • Dr. Joachim Dengler Physicist retired, PhD, patent holder in fingerprint analysis, work on relation between CO2 emissions and concentration · Dr. Ing. Rolf Diederichs Studie Eisenhüttenkunde in Clausthal-Zellerfeld, climate realist • Prof. Dr. Klaus D. Döhler† Professor of Pharma Sciences, University of Hannover · Wolf Doleys Retired teacher (high school, college) and writer (essay, poetry, novel) · Joerg Dornemann Msc in Geology, lifetime career in the Geo-Energy Industry Specialist in situational awareness in crises and risk management · Jörg Eichner Emeritus Professor Geology, University of Paderborn • Friedrich-Karl Ewert • Ludwig E. Feinendegen **Emeritus Professor Medicine** • Dr. Dieter Freundlieb retired senior lecturer Griffith University, School of Humanities, Brisbane, Australia · Gerhard Gerlich† Emeritus Professor of Mathematical Physics, TU Braunschweig • Axel Robert Göhring Doctor of Natural Sciences, EIKE e.V. · Dr. Klaus-Jürgen Goldmann worldwide experienced petroleum geologist • Dr. Christian Habermann Dr. in Economics, Investment Manager • Eberhard Happe Eisenbahningenieur Emeritus Professor of Experimental Physics and Materials Science, • Hermann Harde Helmut Schmidt-University, Hamburg • Prof. Dr. Bernd Hartke Professor in Theoretical Chemistry, Expert Knowledge in Computer Modelling, University of Kiel · Manfred Hauptreif Natural Scientist · Dr. Fleck Helmut langjährige berufliche Tätigkeit als Projektkoordinator in einer Großforschungseinrichtung · Dennis J. Hendricks Graduated Engineer of Environmental Technologies, Technischen Hochschule Ostwestfalen-Lippe, University of Applied Sciences and • Dietmar Hildebrand PhD Biophysics and Nuclear Physics, patent holder in fuzzy logic based suveillance, IT expert and development manager • Dr. Jens Hofele Chemist, developer of low-carbon cement compositions • Dr. Andreas Hoppe Systems biologist, Institute for Bee Research · Heinz Hug Chemistry, Master (Diplom Chemiker), PhD (Dr. rer. nat.), lecturer at Paul-Ehrlich-Schule (Frankfurt, Germany), Technical College affiliated to the former Hoechst AG · Prof. Axel Janke PhD, professor of evolutionary genomics • Jörg Jensen Dipl.-Ing. Interested and committed to environmental issues · André Karutz Chemist, Dr. rer. nat. expert in environmental matters • Professor Dr. Gerhard 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

Dr. in Geosciences, Free University of Berlin and University of Cologne

(Retired), specialized in Climate Change of the Sahara

lifetime career in virus research in the natural siences

• Dr. rer. nat Gunther Kümel

Stefan Kröpelin

Germany continued

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,

dealed with the energy industry and climate change

Horst-Joachim Lüdecke
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Hermann Luyken
 MSc Chemical Engineering

Wolfgang Merbach
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Ernährungswissenschaften

Prof. Lothar W. Meyer
 Emeritus Professor of Material Engineering, Chemnitz University of

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Board of 'Vernunftkraft Niedersachsen'

Prof. Dr. med. Marcus Moller
 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

Flo Osrainik
 Bestselling Author & Journalist

• Hans Penner PhD, Dipl.-Chem. Dr. rer. nat., Linkenheim-Hochstetten

Lutz Peters
 Businessman with intensive experience as investor in carbon

chemistry

• Dr. Dr. Wätzold Plaum Physicist and YouTuber

Michael Principato
 MSc. in Electrical Engineering, specialised in control engineering and

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• Siegfried Reiprich Dipl.-Ing, Geoscientist and Oceanography

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Dr. Martin Schmidt
 PhD Physics, industrial career of research, development and

production of hightec products and subequently 22 years CEO of

Möller-Wedel, a German medical company

Dr.-Ing. Stefan Schmidt
 Senior Numerical Modeller of Unsteady Turbulent Flows

Hans Joerg Schmidt Chemical Engineer and Autor of certain books, explaining atmospheric

energy exchange and providing arguments against global warming

caused by mankind

Christoph Schmidt
 MSc Mathematics, JWG-University Frankfurt

Germany continued

• Dr. Jens-Christoph Schneider PhD in Isotope Chemistry, life time career in palaeoclimate and atmospheric geochemistry

• Dr. rer. nat. Michael Schnell Retired Chemist

• Prof. Dr. Dr. Karl-Heinz Schulz University Hospital Hamburg-Eppendorf, interdisciplinary research

in Medicine, Psychology and exercise science (https://www.

researchgate.net/profile/Karl-Heinz-Schulz-2)

• Thomas Schulze, Dr. phil., Selbständiger Berater und Dozent

• Dipl. Psych. Ulrike Schwan Professional psychotherapist, psychotherapist look at the IPCC

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• 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 Strenge strategy and concept developer, full time writing on a large SF project

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Matthias Thiermann
 Parliamentary adviser in the Bayarian Parliament

Dr. Holger Thuss
 President EIKE Institute

Dr. Martin Treiber
PhD in Physics, Professorship of Econometrics and Statistics

Ph. D. Pating of Econometric and Statistics

Ph. D. Pating of Economet

• Jost Trier PhD, Retired Experimental Physicist at the Federal Institute in

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• Ralf D. Tscheuschner† PhD in Physics

• Dr. Stefan Uhlig Geologist

Helmut Waniczek
 Ulrich O. Weber
 Dr. Dipl. Ing., Scientist, working 40 years in chemical industry
 Exploration Geophysicist with lifetime interest in Paleoclimate

Silvio Weeren Diplom in Physics, former IBM environmental affairs Germany, former

chairs of EMI3 and ECMA TC38

Thomas Weimer Process Engineer (Dr.-Ing.), worked on CO2 capture from atmosphere

and during hydrogen generation

• Toon Weisenborn PhD in Theoretical Physics, Emeritus scientist

• Carl-Otto Weiss Emeritus Professor in Non-linear Physics, Advisor to the European

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 Professor of Experimental Physics, University of Hamburg, Germany

Dr. Peter Willingmann
 Dr. rer.na



18 SIGNATORIES FROM GREECE

1 WCD Ambassador

• Prof. Stavros Alexandris

Professor of Agricultural Meteorology & Crop Water Requirements, at the Agricultural University of Athens, Dept. of Natural Resources & Agricultural Engineering.

17 Signatories

Ioannis Benekos PhD in Civil and Environmental Engineering, Senior Researcher, Head
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for Research and Technology Hellas

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Anthony Foscolos†
 Emeritus Professor of Mineral Resources at the Technical University
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Chris Fytas
 PhD, MSC in Chemistry, Chemist, Lyophilization Scientist

Christos D. Georgiou Emeritus Professor of Biochemistry, Biology Department, University of

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Greece continued

• Dr. Vassilios C. Kelessidis former Professor at Khalifa University, Texas A&M at Qatar and

Technical University of Crete Greece, Lifetime of Experience in

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• Dr. Christos J. Kolovos Independent Energy Consultant, Mining & Metallurgy Engineer,

Former Director of Mine Planning & Contractor Works Dept., PPC SA/

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Emmanouil Kopanakis Mechanical Engineer, Teacher at the Environmental Education Center

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Prof. Demetris Koutsoyiannis
 Professor Emeritus of Hydrology and Analysis of Hydrosystems at the

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Aristotelis Liakatas Emeritus Professor of the Agricultural University of Athens on

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Prof. Nikos Mamassis
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Charilaos Markopoulos
 MSc in Waste Management

• Spyridon Nikiforos Economist, MBA

Dr Miltiadis Nimfopoulos
 PhD in Earth, Atmospheric and Environmental Sciences, lifrtime

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• Dr. G.-Fivos Sargentis Dr Engineer-Sculptor, Dept. of Water Resources; School of Civil

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• Michael Sidiropoulos Principal Engineer, FortisBC



2 SIGNATORIES FROM GUATEMALA

2 Signatories

• Jorge Chapas agronomist, environmental economics specialist, writter, spokesman

of climate realism and conservative politician.

Christopher Lingle PhD Economics Universidad Francisco Marroquín



9 SIGNATORIES FROM HUNGARY

1 WCD Ambassador

• Laszlo Szarka Geophysicist, O.M.

8 Signatories

• Dr. Dezso Csejtei retired professor of philosophy at the University of Szeged

Dr. Endre Fuggerth lifelong experience in gas-chromatography
 Istvàn Héjjas PhD, Retired R&D Electrical Engineering

Tom Kauko
 PhD Geography, Independent Researcher based in Budapest

József Király
 Chemical Engineer and one of the Authors of the Hungarian site www.

klimarealista.hu

Dr. József Majer
 Senior Professor of Ecology and Environment Protection at University

of Pecs

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 timeseries models



5 SIGNATORIES FROM INDIA

5 Signatories

Dr. M.M. Ali
 MSc in Meteorology and Oceanography with a PhD in Meteorology,

Center for Ocean-Atmospheric Prediction Studies, Florida State

University, USA

India continued

· Dornadula Chandrasekharam retired professor from Indian Institute of Technology Bombay,

currently working in Izmir Institute of Technology as TUBITAK

Professor working on geothermal energy systems

· Vijay Jayaraj Research Associate at CO2 Coalition, Contributor to Cornwall Alliance

· Prem raj Pushpakaran PhD in BioTechnology, Professor

· Sanjeev Sabhlok Economist with focus on Climate and Energy Policy



2 SIGNATORIES FROM INDONESIA

2 Signatories

• Dr. Dr Paul D Giammalvo PhD, CDT, CCE (#1240), MScPM, MRICS, Senior Technical Advisor,

· Purwono Wahyudi 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

Electrical Engineer, Specialist in Power System Security • Tom Baldwin

• dr. Dr Timothy Dunne PhD Psychology, Consultant Clinical Psychologist working in private

practice in Dublin

· Gerald Fitzgibbon Physical Chemist specializing in Electrochemistry and

Thermodynamics

· David Horgan MA (Cambridge), MBA (Harvard), Resource Company Director

· Seamus Hughes BAgricSc, Specialist in Genetics

Former Science Advisor, Department of Energy and Climate · Mark Gerard Keenan

Change, U.K., Former Environmental Affairs Officer, United Nations

Environment Division, Geneva, Switzerland

• Ultan Murphy BSc (Hons) Chemistry, Industry Science Professional

• Donal O'Callaghan electrical engineer, retired food industry research scientist

• Owen O'Brien Business Founder and Entrepreneur, MBA, DBA

· Patrick L. O'Brien MSc, MPhil, Senior International Environmental Consultant

· J. Philip O'Kane Emeritus Professor, School of Engineering, University College Cork · Peter O'Neill

Retired, School of Engineering, University College Dublin, Expert

Reviewer of IPCC AR6

• Fintan Ryan Retired Senior Airline Captain, Fellow Royal Aeronautical Society

 Christian Schaffalitzky FIMMM, Founder Institute of Geologists of Ireland, EurGeol

• Dr. Norman Stewart PhD, former astrophysicist and meteorologist

· Brian N. Sweeney Founding Chairman of Science Foundation Ireland

BE, CEng, FIChemE, PPSE, CEnv, MIEA, Challenger of Over-Reach in · Pat Swords

Environmental Legislation

· Sean Tangney Business Entrepreneur, Former Technical Director, CRH plc

· David Thompson BAgricSc, MA, Animal Nutritionist



7 SIGNATORIES FROM ISRAEL

7 Signatories

· Dr. Gaby Avital PhD in Aerospace, member of the Israeli forum for rational

environmentalism

 Uriel Cohen MSc in Computer Science from Technion - Israel Institute of

Technology

· Prof. Yonatan Dubi PhD, Professor of Theoretical Physics and Chemistry at Ben-

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· Yakov Itenberg BSc of Meteorology and Climatology, MSc of Physics Education, 25

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Israel continued

Micha Klein PhD, Emeritus Professor, The Department of Geography and

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Avner Niv
 PhD of Solid State Physics, Research scholarship awarded by Ministry

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• Nir J. Shaviv PhD in Physics at the Israel Institute of Technology, Professor of

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206 SIGNATORIES FROM ITALY

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Alberto Prestininzi
 Professor of Geological Risks at Sapienza University of Rome, former

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205 Signatories

Pietro Agostini Ingegnere, Associazione Scienziati e Tecnologi per la Ricerca Italiana

Aldo Aluigi
 Nuclear Engineer, Consultant in Power Plants, Cogeneration end

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• Piero Baldecchi Lettore

Achille Balduzzi
 Geologo, Agip-Eni

Antonio Ballarin
 Fisico, "Chief Artificial Intelligence Officer" della Pubblica

amministrazione

• Donato Barone Ingegnere

• Sergio Bartalucci Fisico, Presidente Associazione Scienziati e Tecnologi per la Ricerca

Italiana

Giuseppe Basini
 Astrofisico, Deputato, Già dirigente di ricerca dell'INFN

• Francesco Battaglia Professore di Chimica Fisica, Università di Modena, Movimento Galileo

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Marco Benini Ingegnere idraulico, libero professionista
 Eliseo Bertolasi Dottore di Ricerca in Antropologia Culturale
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 Alessandro Bettini Professore Emerito (Fisica) Università di Padova
 Antonio Bianchini Professore di Astronomia, Università di Padova

• Luciano Biasini Emeritus Professor of Numerical and Graphic Calculations, Director

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Paolo Blasi
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Presidente della Conferenza dei Rettori delle Università Italiane

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Giampiero Borrielli Ingegnere

• Gilles Bourgeois Professional Engineer with 27 experience in applied thermodynamics

in oil and gas

Francesca Bozzano Professore di Geologia Applicata, Università di Roma La Sapienza,

Direttore del Centro di Ricerca Previsione, Prevenzione e Controllo

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Progetto Paleoclima-mare del PNRA, già Presidente Commissione

Nazionale di Oceanografia

Gianfranco Brignoli
 Geologo

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 Paolo Budetta Professore di Geologia Applicata, Università di Napoli

• Antonio Maria Calabrò Ingegnere, Ricercatore, Consulente

Monia Calista
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Italy continued Associate Professor of Agricultural Economics and Policy, Department · Massimo Canali of Agriculture and Food Sciences, University of Bologna • Dr. Andrea Capodaglio PhD, Professor, Environmental Engineering, University of Pavia · Cristiano Carabella Geologo, Borsista presso l'Università di Chieti • Peppe Caridi · Franco Casali Professore di Fisica, Università di Bologna e Accademia delle Scienze di Bologna · Andrea Casini Lifetime career in electronic engineering and radiocommunications, patent holder in wideband radio signals transmission over fiber optics, Member of The Climate Reality Project · Giuseppe Cautero MSc in Physics, head of the Instrumentation & Detectors Laboratory, Elettra Synchrotron radiation Source • Dr. Fausto Cavalli Agronomist, specialisation in meteorology · Giuliano Ceradelli Ingegnere e Climatologo, ALDAI · Augusta Vittoria Cerutti Membro del Comitato Glaciologico Italiano · Franco di Cesare Dirigente, Agip-Eni · Alessandro Chiaudani PhD, Agronomo, Università di Chieti-Pescara · Luigi Chilin Dirigente in Pensione · Claudio Ciani Relazioni Internazionali, Scienza Politica, Università di Roma La Sapienza · Edoardo Cicali Member of the C.I.R.N (Italian Nuclear Relaunch Committee) and of the "Atoms for peace" association, former employee of a Radiological Medical Center.Currently in the IT sector • Pino Cippitelli Geologo Agip-Eni · Carlo Colomba • Enrico Colombo Chimico, Dirigente Industriale Onorevole, Membro della Camera dei Deputati italiana dal 2018 • Vito Comencini · Enrico Conti Physicist, Istituto Nazionale di Fisica Nucleare (INFN) • Ferruccio Cornicello Fotografo e Lettore di Studi sul Clima · Domenico Corradini Professore di Geologia Storica, Università di Modena · Carlo del Corso Ingegnere Chimico • Uberto Crescenti Professore Emerito di Geologia Applicata, Università di Chieti-Pescara, già Magnifico Rettore e Presidente della Società Geologica Italiana · Fulvio Crisciani Professore di Fluidodinamica Geofisica, Università di Trieste e Istituto Scienze Marine, Cnr, Trieste • Salvatore Custodero · Roberto d'Arielli Geologo, Borsista presso l'Università di Chieti • Francesco Dellacasa Ingegnere, Amministratore di Società nel Settore Energetico • Alessandro Demontis Perito Chimico Industriale, Tecnico per la Gestione delle Acque e delle Risorse Ambientali, Pomezia · Gandolfo Dominici PhD in Business Management, , Associate Professor of Business Management and Marketing, University of Palermo, Italy · Serena Doria Ricercatore di Probabilità e Statistica Matematica, Università di Chieti-Pescara • Carlo Esposito Professore di Rischi Geologici, Università di Roma La Sapienza · Gianluca Esposito Geologo PhD, Professor of Chemistry and Materials Technology, Department of · Prof. Stefano Falcinelli Civil and Environmental Engineering, University of Perugia · Antonio Mario Federico Professore di Geotecnica, Politecnico di Bari Aureliano Ferri Vicepresidente Associazione Piceno Tecnologie · Maurizio Fiorelli Sommelier Professionale, Studioso dell'evoluzione nella Coltivazione delle Vigne

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• Sergio Fontanot Ingegnere

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Mario Gaeta Professore di Vulcanologia, Università di Roma La Sapienza

Stefano Galli
 Sabino Gallo
 MSc. In Chemical Engineering, retired researcher
 Ingegnere Nucleare e Scrittore Scientifico

• Stefano Gallozzi Degree in Physics, 1st Researcher at the INAF, Italian Institute for

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· Giuseppe Gambolati Fellow della American Geophysical Union, Professore di Metodi

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· 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

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· 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 Chimico, Primo Ricercatore ora in pensione da CNR

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· Roberto Graziano Ricercatore di Geologia Stratigrafica e Paleoclimatologia/

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Geologico d'Italia

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· Roberto Habel Professore di Fisica Medica, Università di Cagliari

Nicola Iacovone

· Thomas Kukovec Tropical Agronomist and Subtropical Field Biologist, Scientific adviser

and consultant in research-projects and learned societies

Ingegnere, Presidente di Società Ripristino Impianti Complessi · Alberto Lagi

Danneggiati

· Dr. Francesco Lamberti PhD in Material Science of the University of Padova, working on next

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· Luciano Lepori† Ricercatore IPCF-CNR, Pisa

• Carlo Lombardi Professore di Impianti Nucleari, Politecnico di Milano

• Walter Luini Geometra · Roberto Madrigali Meteorologo

· Angelo Maggiora PhD, INFN Senior Researcher, more than 40 years Experience in

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· Franco Maloberti Emeritus Professor, expert on microelectronics and modelling

• Ettore Malpezzi Ingegnere

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• Luigi Marino Geologo, Centro Ricerca Previsione, Prevenzione e Controllo Rischi

Geologici (CERI), Università di Roma La Sapienza

· Maurizio Marsigli Graduated in Geological Sciences and science author on the Sun and

Space Meteorology

Professor Emeritus of University of Florence, Former President of Francesco Martelli

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• Alessandro Martelli Ingegnere, già Dirigente ENEA

 Paolo Martini Independent Petroleum Geologist, ex-Eni

 Salvatore Martino Professore di Geologia Applicata all'Ingegneria al Territorio ed ai

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· Enrico Matteoli Primo ricercatore in Chimica-Fisica, ora in pensione da CNR Former Professor of Applied Chemistry at Politecnico di Torino, · Daniele Mazza

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Wethertands continued	
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• 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 HTS Rotterdam, lifetime experience in maritime infrastructure and building services
• Jannes. J. Verwer	Former Director ECN and Former Chairman Supervisory Board State Owned Radio Active Waste Storage Facilities
Koen Vogel	Geologist and Geostatistician, lifetime experience in numerical modelling, proficient in evaluating and developing global energy projects
 Henk van der Vorst 	Emeritus Professor of Numerical Mathematics, University of Utrecht
Bart Vos	Msc Petroleum Engineering, Lifetime of Experience in the Geo-energy Industry
• Rob de Vos	Geographer and Editor of "Klimaatgek"
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"
Karel Wakker	Emeritus Professor of Astrodynamics & Geodynamics, Delft University of Technology

Netherlands continued

Dr. André Wakker energy expert, lifetime experience in nuclear energy, speaker and

writer on energy transition

Robert N. Walter
 MSc E.E., member Advisory Board 'De Groene Rekenkamer'

Cyril Wentzel
 Multi-Physics Engineer and Chairman of Environmental Think Tank

'Groene Rekenkamer'

• Frans A. van der Werf Owner int. business and IT consulting and Al-firm & project leader

St. Milieu & Mens in higher appeal case Milieudefensie - Shell as

independent party

Bert Weteringe Author, independent research journalist on energy transition and

wind energy.

• Dr. Dolf van Wijk Retired, formerly AkzoNobel Environmental Research Laboratory and

Former Executive Director Cefic-Euro Chlor, Brussels

Jaap Wijsman
 Mechanical Engineer, active in the offshore industry

• Jan Winkel MSc, Chemical Engineering, specialization in Natural Gas Projects,

Lifetime Experience in the Geo-Energy Industry

• Theo te Winkel Geo Scientist and International Health Care Specialist

Wim Witteman Professor of Applied Physics and CO2 lasers, University of Twente
 Dr. Hans Wolkers PhD in Animal Physiology and Environment, Over 20 years of

research experience, incl. Arctic ecotoxicology, Science journalist and

university lecturer in 'Writing about Science'

• Theo Wolters Chairman Environment, Science & Policy Foundation; researcher and

speaker on climate and energy

Govert Zijderveld MSc Mining Engineering, Consultant for all Drilling, Mining and Naval

Engineering activities

• Dr. E.J. (Ed) Zuiderwijk Retired Astrophysicist and Data Manager

Diederik Zwager
 MSc Petroleum Engineering, CEO Air Drilling Associates



27 SIGNATORIES FROM NEW ZEALAND

1 WCD Ambassador

Barry Edward Brill
 OBE, Previously Minister of Science and Techology

26 Signatories

• Deborah Alexander Agricultural Scientist

• Jock Allison† Retired Agricultural Scientist, Ministry of Agriculture

Mario Barbafiera
 MSc Palaeoclimatology, Teacher

Paul A. Catchpole
 Qualified Land Surveyor & Fellow of New Zealand Institute of

Surveyors, Retired Ex Commissioner of the New Zealand Environment

Court

Roger High Dewhurst
 Retired, Geologist/Hydrogeologist

Geoffrey. G. Duffy
 Professor Emeritus, University of Auckland

• Terry Dunleavy† MBE, Co-Founder (2006) and Honorary Secretary New Zealand

Climate Science Coalition; Former WCD Ambassador

Doug Edmeades
 Managing Director agKnowledge Ltd.

• Joe Fone CAD Engineer, Enatel Ltd.

Professor Michael J Kelly
 MA, PhD, SCD, MAE, Emeritus Prince Philip Professor of Technology at

the University of Cambridge

Gary Kerkin
 Retired Chemical Engineer, Upper Hutt. Executive Member New

Zealand Climate Science Coalition

Roman Leslie Research specialist in geochemistry of arc-magmatism, magma-

wallrock interactions, mineralogy, melt inclusions, SW Pacific tectonics

and geodynamics.

• Brian Leyland Power systems engineer with experience in all forms of renewable

energy

Gerrit J. van der Lingen
 Geologist and Paleoclimatologist, New Zealand, Author of the Book

The Fable of Stable Climate

Nima Maleki
 MD specialist in family health, Bachelor in science

Dr. John Maunder Climate Scientist, President of the WMO Commission for Climatology

1989-1996

Dr Richard Reaney
 Climate Researcher, Post Graduate Qualification in Antarctic Studies,

University of Canterbury New Zealand

New Zealand continued

Darag S. Rennie
 MBChB, Lifetime explorer of truth

• John Scarry ME (Civil), Structural Engineer, Member of the New Zealand Climate

Science Coalition

• John Sexton Member of the New Zealand Climate Coalition

David Shelley
 Emeritus Associate Professor Geology and latterly Dean of

Postgraduate Studies, University of Canterbury, Christchurch

David Steward Electronic Engineer, Supporter of truth seeking in climate change
 Philip Strong Science Research Leader & Member of the New Zealand Climate

Coalition

• Hugh Thorpe PhD, Retired Civil Engineer-Scientist.

• Richard Treadgold Executive Member NZ Climate Scienc Coalition, Convenor Climate

Conversation Group

Ian Wright Professional Geologist



33 SIGNATORIES FROM NORWAY

2 WCD Ambassadors

Ivar Giaever
 Nobel Laureate Professor, Nobel Prize Winner in Physics, Emeritus

Professor of the Rensselaer Polytechnic Institute, Chief Technology Officer of Applied Biophysics Inc., Fellow of the American Physical

Society

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

University of Norway

31 Signatories

Gunnar Abrahamsen Professor Emeritus Soil Science, University of Life Sciences

Knut Åm Retired Geoscientist, adjunct Professor of Geophysics at the University

of Bergen, Norway, Honorary member of The Norwegian Academy of

Technological Sciences

• Egil Bergsager MSc of UCLA and University of Oslo, Petroleum Geologist, Director

Norwegian Petroleum Directorate, President Rogaland Science Park.

Board member of advanced technology companies

Stein Sorlie Bergsmark
 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

• Dr. Erik Bye Retired Senior Scientist in Physical Chemistry, Crystallography,

Chemometrics and Occupational Hygiene

Ole Henrik Ellestad Physical Chemist. Former Research Director and Professor in

Petrochemistry at the Centre for Industrial Research and University of

Oslo

• Arve Gleissner Gustavsen Msc in Cybernetics, Lifelong Experience in Design and Engineering

Rögnvaldur 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

OsloPassed away

• Dr. Ing. Hans Konrad Johnsen

Olav Martin Kvalheim Emeritus Professor, Chemistry, Bergen University

Arnfinn Langeland Professor Emeritus Biology, Norwegian University of Science and

Technology

Mikael Lindgren
 MS Applied Physics and electronics, PhD Chemical Physics, Prof Applied

Physics (Optics) and Biophysics (spectroscopy)

Norway continued

Engineer in several large international oil companies with solid · Oddbjørn Melberg

experience in building and using numerical simulation models.

· Willy Nerdal Professor of Chemistry, University of Bergen

Landscape Architect, Researcher for 11 years at the Norwegian · Johannes Oraug

Institute for Urban and Regional Research

• Egil Pedersen Dr. Eng. and Professor of Technology at UiT The Arctic University of

Norway

· Elen Roaldset Emertitus Professor in Geology, University of Oslo, Former Director of

Natural History Museum Oslo, Professor at Norwegian University of

Science and Technology

Master of Chemical Engineering, Norsk Hydro • Ulf Torgny Rock

· Gjertrud Røyland Meteorologist with experience in operational forcasting (1997-2007)

from the Norwegian Meteorological Institute.

• Håkon Gunnar Rueslåtten Geological Researcher, Trondhheim

· Tom V. Segalstad Associate Professor Emeritus of Geochemistry, University of Oslo PhD, Professor in the Dept of Chemistry, University of Bergen · Einar Sletten · Jørgen Stenersen

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 Professional Chemical Engineer

MA in Philosophy, Assistant Professor, Department of European · Herman Bognot

Languages, University of the Philippines Diliman



5 SIGNATORIES FROM POLAND

5 Signatories

· Marek Boinski Chairman of the National Section of Energy Workers' Union NSZZ

Advisor to the Chairman of the Silesian Region of the Solidarity Union Zbigniew Gidzinski

for climate policy, former Secretary of the National Energy Security

Team of the Chancellery of the President

· Jaroslaw Grzesik Chairman of the National Secretariat of Mine and Energy Workers'

Union NSZZ

 Dominik Kolorz Chairman of the Slasko-Dabrowski Region of NSZZ

 Karol Pietrak Assistant Professor at Warsaw University of Technology, PhD in Power

Engineering



11 SIGNATORIES FROM PORTUGAL

1 WCD Ambassador

· Dr. Peter Stallinga Professor Associado com Agregação, Universidade do Algarve,

Portugal, Faculty of Sciences and Technology, Department of

Electronic Engineering and Informatics

10 Signatories

• Demétrio Carlos Alves Chemical Engineer, specialized in Processes and Systems,

Postgraduate in Legal Issues of Urban Planning, University of Lisbon

 José Araújo Environmental Engineer, Airline Pilot.

• Rui Cruz Pharmaceutical Development Scientist, PhD In Chemical and

Biological Engineering (Material Science Focus for Solar Energy

Applications)

· Pieter IJzerman entrepreneur in modern energy solutions and electric mobility

• Prof. Dr. Igor Khmelinskii Aggregate Professor of Physical Chemistry, University of Algarve,

discoverer of long-range energy transfer in biological systems

Portugal continued

Joao Manuel Silva Martins
 retired agrarian researcher

Pamela Matlack-Klein
 Member of Portuguese Sea Level Project, USA

• José Pinto de Sá PhD in Electrical and Computers Engineering, Professor of Power

Systems (Electrical and Computers Engineering), Instituto Superior

Técnico, Lisbon

Henrique Sousa
 Retired electrical engineer and teacher, wind energy expert and

energy consultant

João José Rodrigues Tilly Mechanical Engineer and Maths teacher



8 SIGNATORIES FROM RUSSIA

8 Signatories

Habibullo Abdussamatov
 Head of the Space Research Sector of the Sun, Pulkova Observatory

RAS and Head of the Lunar Observatory Project on Monitoring of the

Climate

Prof. Vladimir N. Bashkin
 Professor in Biogeochemistry, Principal Researcher of the Institute

of Physicochemical and Biological problems of Soil Science of RAS,

Moscow

Pavel Bizyukov
 PhD in Metallurgical Engineering, faculty member at Moscow State

Institute of Steel and Alloys

Gleb I. Evgenev
 Professor of Environment, Moscow State Technical University (MADI)

• Vladimir G. Kossobokov Chief Scientist, Professor, Expert of Russian Academy of Sciences,

Foreign Member of Accademia Nazionale delle Scienze detta dei XL

(Rome, Italy)

• Eugene Nagibin MA in Economics, CIR, Territorial Development and Management

Consultant

Henni Ouerdane PhD in Physics, Associate Professor with extensive experience in the

physics of energy conversion and the related technologies

• Dr. Michael Petelin Professor of the University of Nizhny Novgorod, head researcher of the

Institute of Applied Physics, Nizhny Novgorod



1 SIGNATORY FROM SAUDI ARABIA

1 Signatory

Christopher M. Fellows
 Phd, physical chemist



1 SIGNATORY FROM SERBIA

1 Signatory

• Ivan Stefanovic Curator of collection, Faculty of Mining and Geology, University of

Belgrade



2 SIGNATORIES FROM SINGAPORE

2 Signatories

Andrew Frazer offshore drilling, earth sciences and renewables

• Dr. Lars Schernikau Energy Economist, Entrepreneur & Author



1 SIGNATORY FROM SLOVAKIA

1 Signatory

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

issues



4 SIGNATORIES FROM SLOVENIA

4 Signatories

missinterpretations of scientific discoveries

Tadej Ian
 MA, owner of a green-roof business, political publicist/columnist, and

expert in international relations

• Ján Lakota MD, PhD molecular biology

13 SIGNATORIES FROM SOUTH AFRICA

13 Signatories

• Dr. Henrique J.S. de Barros Pinheiro Geologist, Invited Associate Professor, Universidade Fernando Pessoa,

Porto, Portugal

• Prof. Rosemary Falcon Emeritus Professor Clean Coal Technology Research Group at the

University of Witwatersrand, Director Fossil Fuel Foundation

Dennis Shaun Garisch
 BSc (Civil) Eng, Professional Engineer registered with Engineering

Council of South Africa (ECSA), over 30 years of practice, inclusive of

many storm water management designs

Dr. Hans Hofmann-Reinecke nuclear physicist, author of several books "Grün und Dumm", articles

an videos on global warming and alternative energies for the general

public

Dr. Rob Jeffrey
 Economic Risk Consultant: Senior Economist and Managing

Consultant, leading expert in energy and electricity

Dr. Kelvin Kemm
 PhD, Nuclear Physicist, Chairman: Stratek Global (Pty) Ltd, Pretoria
 Dr. John Ledger
 Visiting Associate Professor at the University of the Witwatersrand,

Energy and Environmental Consultant, Consulting Editor, Freelance

Writer, Editor and Lecturer

Prof. Richard Meissner
 Associate Professor, Department of Political Sciences, University of

South Africa

• Dr. Don Mingay Retired Professor of Nuclear Physics, University of the Witwaterstand.

Involved since 1995.

Professor Martin R. Sharpe
 PhD from University of Exeter, retired Geologist, Geochemist, Analyst

and Field Mapper at University of Pretoria, Founder of geological

consulting and exploration companies

Dr. Grant Son
 PhD in Natural Science
 Dr. Jacques Theron
 Retired Veterinarian

Geert F de Vries
 Retired physicist / nuclear engineer



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

Spain continued

PhD in Biology (Botany), High School Head of Department. • Juan Miguel Gómez Menor Robles Engineer with 35 years experience in Energy Politics and Operation, • Antonio J. Huertas and Environmental Care PhD on Chemical Engineering, Assistant Professor of Physical • Isabel López García Chemistry and applied Thermodynamics, University of Córdoba PhD Geology and Geophysics, Consultant geologist · Alexander Keith Martin • Jose Manuel Miranda Lopez PhD, Professor at the University Santiago de Compostela, Department of Analytical Chemistry, Nutrition and Bromatology PhD in Environmental Sciences from the University of Jaén, member · Antonio Jesús Muñoz Cobo 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

Alejandro Rodríguez-Gómez Associate Professor, Universitat Politècnica de Catalunya, Barcelona,
 Spain

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



48 SIGNATORIES FROM SWEDEN

1 WCD Ambassador

Ingemar Nordin Emeritus Professor Philosophy of Science, Linköping University

47 Signatories

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

Leif Åsbrink
 PhD, Technology at KTH in Molecular Physics, Stockholm
 Sture Åström
 MSc, Technology, Professional in Climate Issues, Secretary of the

Swedish Network Klimatsans

Erik Axelkrans
 Rolf Bergman
 Beritus 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 Dalväg
 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

Sweden continued

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

Johnny Kronvall Emeritus Professor in Building Physics, Malmö University and Lund

University

• Lars E. Linder Associate Professor of Medicine, Gothenburg

Jan Lindström
 Senior Medical Physicist, PhD, Former Head of Department of Medical

Physics Karolinska, Worked and published in Environmental Science

(Harwell UK). Long climate interest.

Rune Lundgren
 MSc, Helsinki University of Technology, Energy System Expert

• Toomas Mathiesen MD, Retired

Johan Montelius Associate Professor of Computer Science at the Royal Institute of

Technology, Stockholm

• Jacob Nordangård PhD, Technology and Social Change at the University of Linköping,

Researcher on Climate Change History

Gabriel Oxenstierna
 Gösta Pettersson
 PhD, retired, currently author for Klimatupplysningen.se
 Emeritus Professor in Biochemistry, University of Lund

Marian Radetzki† Emeritus Professor of Economics, Luleå University of Technology

Mats Rosengren
 Mathematics, Space Flight Trajectory Specialist

Torsten Sandström Professor Emeritus, Department of Law, University of Lund
 Rabbe Sjöberg PhD, Geology, Member of Paleogeophysics & Geodynamics Institute
 Peter Stilbs Emeritus Professor of Physical Chemistry, Royal Institute of

Technology (KTH), Stockholm

Jan-Olov Strömberg Emeritus Professor of Mathematics at Royal Institute of Technology,

Stockholm

• Lars H. Thylen Professor emeritus in photonics, Dept. of Applied Physics, Royal

Institute of Technology, SE-106 91 Stockholm, Sweden

Tege Tornvall Automotive and transport editor and expert. On election committee

of association Klimatrealisterna, regular contributor to blog

 $Klimatupplysningen\ and\ network\ Klimatsans$

Gösta Walin†
 Proffessor Emeritus in Oceanography at Univerity of Gothenburg

• Elsa Widding Consultant, Author on Climate Change, Stockholm

Lech Wosinski
 Researcher Emeritus, Associate Professor, Royal Institute of

Technology, Stockholm

Orjan Wrange
 PhD, Emeritus Professor in molecular Genetics Karolinska Institutet,

Stockholm, Sweden



25 SIGNATORIES FROM SWITZERLAND

25 Signatories

• Dr. Denis Bednyagin researcher specialised in integrated (Energy-Economy-Environment)

assessment modelling

Thomas Binder Cardiologist and Internist

Majed Chergui Emeritus Professor of Chemistry and Physics

Helmut Elben PhD in Physics, working as Strategy, Technology and IT Consultant
 Dr. Michael Esfeld full professor of philosophy of science, University of Lausanne

Ferruccio Ferroni Dipl.Ing. ETH, Energy Consultant

René Funk
 Software Engineer, specialized in Analysing Satellite, Sea and Land

Temperature

Werner Furrer
 MSc, Mathematics and Physics, President of the Climate Realistic

Group in Switzerland

Robert James Hopkirk PhD, Energy Consultant, R&D in thermodynamics, heat and mass

transfer in engineering, aquatic, atmospheric and geothermal

environments

Christian Jacot Pharmacist

Switzerland continued

• Fabrizio Jauch PhD Earth Sciences, Expert for the Swiss Accreditation Service for

geotechnical laboratory analysis

Markus D. Knecht chemist, 15 years reserach on climate change

• Dr. Johannis Nöggerath 40 years experience in Nuclear Power Engineering, Passionate

a mateur researcher in realistic climate science for more than $10\ \mbox{years}$

• Joseph Ongena Member of the Permanent Monitoring Panel for World Energy, World

Federation of Scientists, Geneva

Jacques Perret-Gentil
 Professor of Phisicsfor 40 years and co-author of physics-chemistry

books intended for teaching

• Dr. Jean-Claude Pont Dr. Math., Emeritus Professor of The History of Philosophy of Sciences,

University of Genève

• Dr. Franz-Karl Reinhart Emeritus Professor of Physics, Lausanne

• Claude Roessiger Entrepreneur and Author of several Books on Organizational

Management and Public Policy, Organiser and Chairman of the

Portsmouth Conference 2018 on Climate Policies

Beat Dominic Roth
 Owner Filmcompany

• Heinz Schmid Dipl. Ing. Agr ETH, more than 10 years involement in climate science

and climate communication

• Dr. Ralf Lorenz Schmitt PhD in Chemistry, Product Manager

• Thomas Stadler MSc in Physics, ETH Zürich, Geophysics, Specialty in Geothermics

• Ivan Surace PhD in Geology, Geol Surace I.R.

Prof. Dr. Eric P. Verrecchia
 Professor at the University of Lausanne, Chair of Biogeochemistry at

the Institute of Earth Surface Dynamics, expert in terrestrial carbon

cycle of the tropical and temperate zones

• Dr. Eric Vieira (retired), Ph.D (organic chemistry), 27 years at Roche Pharmaceuticals

(Principal Scientist)



3 SIGNATORIES FROM TURKEY

3 Signatories

Prof. Kerem Cankocak
 Professor in Particle Physics at Istanbul Technical University, author of

more than 200 books in different scientific areas

Ufuk Coscun columnist at Milat Newspaper

Andrew Cullen
 Ph.D Geography



2 SIGNATORIES FROM UKRAINE

2 Signatories

Vsevolod Lozitsky
 DrSci, Astronomical Observatory of Taras Shevchenko National

University of Kyiv, expert in solar physics, solar activity and magnetic

field, and solar-terrestrial connections

• Irina Vasiljeva CSc, Research Fellow at the Main Astronomical Observatory of

National Academy of Science of Ukraine, research interests include

solar physics



166 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

165 Signatories

Tom Agbabi
 PhD, Professional engineer in the energy industry

Colin Andress
 BSc Physics, MSc Astrophysics, MA (Oxon) Classics & Philosophy,

Barrister, Fellow of the Royal Astronomical Society

Neils C. Arveschoug Geophysicist, Private start-up Oil E&P Company

Andrew P. Barker Biological Chemist

John Anthony Barney
 Retired Scientist and Technologist

Nik Bartley
 Mechanical Engineer

· Nigel Beckwith professional graduate Podiatrist, Post Grad. in Sports Science, Post Grad. in Science Education • Alan Belk BSc, Mechanical Engineering, MBA, 40 years with a global Industrial Gases, Chemicals and Energy company BSc Oceanography and Geology, WMO Qualified Meteorological • Simon Bevan • Roshan Bhunnoo Mathematics and Statistics, former Climate Data Analyst at the Meteorological Office · Paul Binns Former Research Geoscientist and Climate Researcher · David Blake BSc Applied Chemistry, Chair of East College Group & CME Futures Trader · David Bodecott Geologist/Geophysicist, Fellow of the Geological Society of London • Dr. Richard Booth retired Special Merit mathematician in the UK Civil Service Emeritus Professor of Earth and Ocean Sciences, Fellow International • D.Q. Bowen† Union for Quaternary Research, Cardiff University • Dr Phillip A. W. Bratby Physicist, Member of the Institute of Nuclear Engineers, retired energy consultant · Michael Brown Expert in Large Scale Thermal Fluid Dynamic Models · Paul Burgess BSc, MSc, C. Eng (retired) Hydro Climate Specialist • Derrick Byford BSc (Hons) holder of 10 patents, previously Deputy Director Research & Statistics Inner London Education Authority • Gerry Byron BSc in Physics, MBA which included modules on statistical anylysis · Peter Cale Solicitor, co founder and fund raiser for wave energy research project as Director of Staithe Energy Products (1988 1995) · George Carey BSc Hons. Physics and Geology, Lifetime Physics teacher and amateur astronomer • Brian R. Catt Electrical Engineer, Retired, publishing papers on Energy and Climate Change • Richard Ceen BSc Physical Oceanography with Physics, entrepreneur / engineer in Marine LNG Safety and Weather forecast dependent Optimising Voyage Control Systems · Arthur Champion retired European Environmental Coordinator and CofE Diocesan Environmental Adviser • John Church Earth Science Professional, Retired from Energy Sector · David Coe MA(Oxon) in Physics, lifetime working on gaseous absorption spectroscopy, Lead author of "The Impact of CO2, H2O and Other Greenhouse Gases on Equilibrium Earth Temperatures" • Professor John C.W. Cope Hon Research Associate, University of Bristol BSc in Chemistry, Maths, Physics and Microbiologyy, PhD in Physical • Dr. Douglas Cormack Chemistry, Chief at Scientific Civil Service, Founder of the website "The campaign against belief consensus" · Richard Courtney Retired Material Scientist, Expert Peer Reviewer of the IPCC · Chas Cowie GDE Mining Engineering, Wits University, Retired IT Professional worked primarily in Mining and Logistics Industries · David Crabtree retired assistant professor biology • Dr. David Critchley Senior Clinical Pharmacologist, mathematical modelling of complex systems · Michael Cross Chemical Engineer · Peter Cunningham Expert in Mathematical Modelling of Complex Physical Phenoma · Isabel Davies Geophysicist and Entrepreneur · Robert Davies BSc Airline pilot • Dr Philip George Davies Principal Lecturer in the Department of Computing and Informatics at **Bournemouth University** · 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 • James Dillon BSc Physics, DPhil Nuclear Physics, Former research physicist · Gregor Dixon FGS, Geologist, Former Member Geological Society of London

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