

European Climate Declaration

# THERE IS NO CLIMATE EMERGENCY



GLOBAL CLIMATE INTELLIGENCE GROUP

# There is no climate emergency

*A global network of 700 scientists and professionals<sup>1</sup> has prepared this urgent message. Climate science should be less political, while climate policies should be more scientific. Scientists should openly address the uncertainties and exaggerations in their predictions of global warming, while politicians should dispassionately count the real benefits as well as the imagined costs of adaptation to global warming, and the real costs as well as the imagined benefits of mitigation.*

## 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. Only very few peer-reviewed papers even go so far as to say that recent warming is chiefly anthropogenic..

## Warming is far slower than predicted

The world has warmed at less than half the originally-predicted rate, and at less than half the rate to be expected on the basis of net anthropogenic forcing and radiative imbalance. It 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. Moreover, they most likely exaggerate the effect of greenhouse gases such as CO<sub>2</sub>. In addition, they ignore the fact that enriching the atmosphere with CO<sub>2</sub> is beneficial.

## CO<sub>2</sub> is plant food, the basis of all life on Earth

CO<sub>2</sub> is not a pollutant. It is essential to all life on Earth. Photosynthesis is a blessing. More CO<sub>2</sub> is beneficial for nature, greening the Earth: additional CO<sub>2</sub> in the air has promoted growth in global plant biomass. It is also good 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, CO<sub>2</sub>-mitigation measures are as damaging as they are costly. For instance, wind turbines kill birds and insects, and palm-oil plantations destroy the biodiversity of the rainforests.

## 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<sub>2</sub> policy proposed for 2050. If better approaches emerge, we will have ample time to reflect and adapt. The aim of international policy should be to provide reliable and affordable energy at all times, and throughout the world.

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<sup>1</sup> Global Climate Intelligence Group, see [CLINTEL.org](https://clintel.org)



Our advice to political 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.





# The undersigned:

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31. Mike Elliott, (Adv Dip Ed E&C); Dux of School in Mathematics; Co-Founder of Climate Realists of Five Dock (<2008). Successfully convinced Deputy Premier of the State of Queensland, Australia "to direct local council to remove from its Planning Scheme assumptions of theoretical SLR due to climate change"
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2. Luiz Carlos Baldicero Molion, Emeritus Professor of the Federal University of Alagoas (UFAL), Formerly of the National Institute of Space research (INPE)
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4. Ricardo Augusto Felicio, Professor of the Department of Geography of the University of Sao Paulo (USP), Member of the Brazilian Society of Meteorology (SBMET)
5. 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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8. Geraldo Luis Saraiva Lino, Geologist, Author of 'How a natural Phenomenon Was Converted into a False Global Emergency'
9. Dr. Thiago Maia, Nuclear Physicist with PhD in Astrophysics, wrote critical climate letter to Brazilian Government
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39. Maximilian Hasler, Associate Professor in Mathematics, University of French West Indies
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42. Roger Lainé, Retired Geological Engineer
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## SCIENTISTS AND PROFESSIONALS FROM HUNGARY

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2. Laszlo Szarka, Geophysicist, O.M., Hungary



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1. Jim O'Brien, Chair, Irish Climate Science Forum, Expert Reviewer IPCC AR6, WCD ambassador
2. Tom Baldwin, Electrical Engineer, Specialist in Power System Security
3. Dr Anthony D. Barry, Honorary Fellow, Irish Academy of Engineering
4. Tony J. Carey, BA (Natural Sciences), Clare College, Cambridge
5. David Horgan, MA (Cambridge), MBA (Harvard), Resource Company Director

6. Seamus Hughes, BAgricSc, Specialist in Genetics
7. Ultan Murphy, B.Sc(Hons) Chemistry, Industry Science Professional
8. Owen O'Brien, Business Founder and Entrepreneur, MBA, DBA
9. J. Philip O'Kane, Emeritus Professor, School of Engineering, University College Cork
10. Peter O'Neill, Retired, School of Engineering, University College Dublin, Expert Reviewer of IPCC AR6
11. Fintan Ryan, Retired Senior Airline Captain, Fellow Royal Aeronautical Society
12. Christian Schaffalitzky, FIMMM, Founder Institute of Geologists of Ireland, EurGeol
13. Dr. Brian N. Sweeney, Founding Chairman of Science Foundation Ireland
14. Sean Tangney, Business Entrepreneur, Former Technical Director, CRH plc
15. David Thompson, BAgricSc, MA, Animal Nutritionist
16. Dr. Edward Walsh, Former Chairman, Irish Council for Science, Technology and Innovation; Former Director, Energy Research Group, Virginia Tech, USA
17. Michael J. Walshe, Agriculture Scientist, Ex-Officer in Charge, Moorepark AFT, Live-stock Specialist



## SCIENTISTS AND PROFESSIONALS FROM ITALY

1. *Alberto Prestininzi, Professore di Geologia Applicata, Università di Roma La Sapienza, già Scientific Editor in Chief della rivista internazionale IJEGE e Direttore del Centro di Ricerca Previsione, Prevenzione e Controllo Rischi Geologici (CERI), WCD Ambassador.*
2. *Uberto Crescenti, Professore Emerito di Geologia Applicata, Università di ChietiPescara, già Magnifico Rettore e Presidente della Società Geologica Italiana.*
3. *Giuliano Panza, Professore di Sismologia, Università di Trieste, Accademico dei Lincei e dell'Accademia Nazionale delle Scienze, detta dei XL, vincitore nel 2018 del Premio Internazionale dell'American Geophysical Union.*
4. *Franco Prodi, Professore di Fisica dell'Atmosfera, Università di Ferrara.* 5. *Franco Battaglia, Professore di Chimica Fisica, Università di Modena; Movimento Galileo 2001.*
5. *Mario Giaccio, Professore di Tecnologia ed Economia delle Fonti di Energia, Università di Chieti-Pescara, già Preside della Facoltà di Economia.*
6. *Enrico Miccadei, Professore di Geografia Fisica e Geomorfologia, Università di Chieti-Pescara.*
7. *Nicola Scafetta, Professore di Fisica dell'Atmosfera e Oceanografia, Università di Napoli.*
8. *Antonino Zichichi, Professore Emerito di Fisica, Università di Bologna, Fondatore e Presidente del Centro di Cultura Scientifica Ettore Majorana di Erice.*
9. *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.*
10. *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.*
11. *Antonio Brambati, Professore di Sedimentologia, Università di Trieste, Responsabile Progetto Paleoclima-mare del PNRA, già Presidente Commissione Nazionale di Oceanografia.*
12. *Cesare Barbieri, Professore Emerito di Astronomia, Università di Padova.*
13. *Sergio Bartalucci, Fisico, Presidente Associazione Scienziati e Tecnologi per la Ricerca Italiana.*
14. *Antonio Bianchini, Professore di Astronomia, Università di Padova.*
15. *Paolo Bonifazi, Astrofisico, ex Direttore dell'Istituto di Fisica dello Spazio Interplanetario (IFSI) dell'Istituto Nazionale Astrofisica (INAF)*
16. *Francesca Bozzano, Professore di Geologia Applicata, Università di Roma La Sapienza, Direttore del Centro di Ricerca Previsione, Prevenzione e Controllo Rischi 9 European Climate Declaration September 26, 2019 Geologici (CERI).*
17. *Marcello Buccolini, Professore di Geomorfologia, Università di Chieti-Pescara.*
18. *Paolo Budetta, Professore di Geologia Applicata, Università di Napoli.*
19. *Monia Calista, Ricercatore di Geologia Applicata, Università di Chieti-Pescara.*
20. *Giovanni Carboni, Professore di Fisica, Università di Roma Tor Vergata; Movimento Galileo 2001.*

21. Franco Casali, Professore di Fisica, Università di Bologna e Accademia delle Scienze di Bologna.
22. Giuliano Ceradelli, Ingegnere e climatologo, ALDAI.
23. Augusta Vittoria Cerutti, membro del Comitato Glaciologico Italiano.
24. Domenico Corradini, Professore di Geologia Storica, Università di Modena.
25. Fulvio Crisciani, Professore di Fluidodinamica Geofisica, Università di Trieste e Istituto Scienze Marine, Cnr, Trieste.
26. Carlo Esposito, Professore di Rischi Geologici, Università di Roma La Sapienza.
27. Antonio Mario Federico, Professore di Geotecnica, Politecnico di Bari.
28. Mario Floris, Professore di Telerilevamento, Università di Padova.
29. Gianni Fochi, Chimico, Scuola Normale Superiore di Pisa; giornalista scientifico.
30. Mario Gaeta, Professore di Vulcanologia, Università di Roma La Sapienza.
31. Giuseppe Gambolati, Fellow della American Geophysical Union, Professore di Metodi Numerici, Università di Padova.
32. Rinaldo Genevois, Professore di Geologia Applicata, Università di Padova.
33. Carlo Lombardi, Professore di Impianti nucleari, Politecnico di Milano.
34. Luigi Marino, Geologo, Centro Ricerca Previsione, Prevenzione e Controllo Rischi Geologici (CERI), Università di Roma La Sapienza.
35. Salvatore Martino, Professore di Microzonazione sismica, Università di Roma La Sapienza.
36. Paolo Mazzanti, Professore di Interferometria satellitare, Università di Roma La Sapienza.
37. Adriano Mazzarella, Professore di Meteorologia e Climatologia, Università di Napoli.
38. Carlo Merli, Professore di Tecnologie Ambientali, Università di Roma La Sapienza.
39. Alberto Mirandola, Professore di Energetica Applicata e Presidente Dottorato di Ricerca in Energetica, Università di Padova.
40. Renzo Mosetti, Professore di Oceanografia, Università di Trieste, già Direttore del Dipartimento di Oceanografia, Istituto OGS, Trieste.
41. Daniela Novembre, Ricercatore in Georisorse Minerarie e Applicazioni Mineralogiche-petrografiche, Università di Chieti-Pescara.
42. Sergio Ortolani, Professore di Astronomia e Astrofisica, Università di Padova.
43. Antonio Pasculli, Ricercatore di Geologia Applicata, Università di Chieti-Pescara.
44. Ernesto Pedrocchi, Professore Emerito di Energetica, Politecnico di Milano.
45. Tommaso Piacentini, Professore di Geografia Fisica e Geomorfologia, Università di Chieti-Pescara.
46. Guido Possa, Ingegnere nucleare, già Viceministro del Ministero dell'Istruzione, Università e Ricerca con delega alla ricerca.
47. Mario Luigi Rainone, Professore di Geologia Applicata, Università di Chieti-Pescara.
48. Francesca Quercia, Geologo, Dirigente di ricerca, Ispra.
49. Giancarlo Ruocco, Professore di Struttura della Materia, Università di Roma La Sapienza.
50. Sergio Rusi, Professore di Idrogeologia, Università di Chieti-Pescara.
51. Massimo Salleolini, Professore di Idrogeologia Applicata e Idrogeologia Ambientale, Università di Siena.
52. Emanuele Scalcione, Responsabile Servizio Agrometeorologico Regionale ALSIA, Basilicata. 10 European Climate Declaration September 26, 2019
53. Nicola Sciarra, Professore di Geologia Applicata, Università di Chieti-Pescara.
54. Leonello Serva, Geologo, Accademia Europa delle Scienze e delle Arti, Classe V, Scienze Tecnologiche e Ambientali, già Direttore Servizio Geologico d'Italia; Movimento Galileo 2001.
55. Luigi Stedile, Geologo, Centro di Ricerca Previsione, Prevenzione e Controllo Rischi Geologici (CERI), Università di Roma La Sapienza.
56. Giorgio Trenta, Fisico e Medico, Presidente Emerito dell'Associazione Italiana di Radioprotezione Medica; Movimento Galileo 2001.
57. Gianluca Valensise, Dirigente di Ricerca, Istituto Nazionale di Geofisica e Vulcanologia, Roma.
58. Corrado Venturini, Professore di Geologia Strutturale, Università di Bologna.
59. Franco Zavatti, Ricercatore di Astronomia, Università di Bologna.



60. Achille Balduzzi, Geologo, Agip-Eni.
61. Pino Cippitelli, Geologo Agip-Eni.
62. Franco Di Cesare, Dirigente, Agip-Eni.
63. Serena Doria, Ricercatore di Probabilità e Statistica Matematica, Università di Chieti-Pescara.
64. Enzo Siviero, Professore di Ponti, Università di Venezia, Rettore dell'Università e-Campus.
65. Pietro Agostini, Ingegnere, Associazione Scienziati e Tecnologi per la Ricerca Italiana.
66. Donato Barone, Ingegnere.
67. Roberto Bonucchi, Insegnante in pensione.
68. Gianfranco Brignoli, Geologo.
69. Alessandro Chiaudani, Ph.D. agronomo, Università di Chieti-Pescara.
70. Luigi Fressoia, Architetto urbanista, Perugia.
71. Sabino Gallo, Ingegnere nucleare e scrittore scientifico.
72. Daniela Giannessi, Primo Ricercatore, IPCF-CNR, Pisa.
73. Roberto Grassi, Ingegnere, Amministratore G&G, Roma.
74. Alberto Lagi, Ingegnere, Presidente di Società Ripristino Impianti Complessi Danneggiati.
75. Luciano Lepori, Ricercatore IPCF-CNR, Pisa.
76. Roberto Madrigali, Meteorologo.
77. Ludovica Manusardi, Fisico nucleare e giornalista scientifico, UGIS.
78. Maria Massullo, Tecnologa, ENEA-Casaccia, Roma.
79. Enrico Matteoli, Primo Ricercatore, IPCF-CNR, Pisa.
80. Gabriella Mincione, Professore di Scienze e Tecniche di Medicina di Laboratorio, Università di Chieti-Pescara.
81. Massimo Pallotta, Primo Tecnologo, Istituto Nazionale Fisica Nucleare.
82. Enzo Pennetta, Professore di Scienze Naturali e divulgatore scientifico.
83. Franco Puglia, Ingegnere, Presidente CCC, Milano.
84. Nunzia Radatti, Chimico, Sogin.
85. Vincenzo Romanello, Ingegnere nucleare, Ricercatore presso il Centro di Ricerca Nucleare di Rez, Repubblica Ceca.
86. Alberto Rota, Ingegnere, Ricercatore presso CISE ed ENEL, esperto di energie rinnovabili.
87. Massimo Sepielli, Direttore di Ricerca, ENEA, Roma.
88. Ugo Spezia, Ingegnere, Responsabile Sicurezza Industriale, Sogin; Movimento Galileo 2001.
89. Emilio Stefani, Professore di Patologia vegetale, Università di Modena.
90. Umberto Tirelli, Visiting Senior Scientist, Istituto Tumori d'Aviano; Movimento 11 European Climate Declaration September 26, 2019 Galileo 2001.
91. Roberto Vacca, Ingegnere e scrittore scientifico.
92. Antonio Ballarin, Responsabile della Ricerca e Laboratorio Digitale di Sogni.
93. Flavio Tabanelli, Fisico.
94. Giuseppe Basini, Astrofisico, Deputato, Già dirigente di ricerca dell'INFN.
95. Marco Benini, Ingegnere idraulico, libero professionista.
96. Giorgio Bertucelli, Ingegnere, già Dirigente Industriale, ALDAI.
97. Alessandro Bettini, Professore Emerito (Fisica) Università di Padova.
98. Luciano Biasini, Professore Emerito, già Docente di Calcoli numerici e grafici, Direttore dell'Istituto Matematico e Preside della Facoltà di Scienze Matematiche, Fisiche e Naturali dell'Università di Ferrara.
99. Paolo Blasi, Professore emerito (Fisica) e già Rettore dell'Università di Firenze; già Presidente della Conferenza dei Rettori delle Università Italiane.
100. Giampiero Borrielli, Ingegnere.
101. Antonio Maria Calabrò, Ingegnere, Ricercatore, Consulente.
102. Cristiano Carabella, Geologo, Borsista presso l'Università di Chieti.
103. Edoardo Cicali, membro del C.I.R.N (Comitato Italiano Rilancio del Nucleare) e dell'associazione "Atomi per la pace", ex dipendente di un centro medico radiologico ed attualmente impiegato nel settore dell'informatica.
104. Enrico Colombo, Chimico, Dirigente Industriale.

105. Vito Comencini, Onorevole, Membro della Camera dei Deputati italiana dal 2018.
106. Roberto d'Arielli, Geologo, Borsista presso l'Università di Chieti.
107. Stefano De Pieri, Ingegnere energetico e nucleare.
108. Benedetto De Vivo, Professore di Geochimica in pensione dall'Università di Napoli; ora Professore Straordinario presso Università Telematica Pegaso, Napoli.
109. Carlo Del Corso, Ingegnere Chimico.
110. Francesco Dellacasa, Ingegnere, amministratore di società nel settore energetico.
111. Alessandro Demontis, Perito Chimico Industriale, Tecnico per la Gestione delle Acque e delle Risorse Ambientali, Pomezia.
112. Aureliano Ferri, Vicepresidente Associazione Piceno Tecnologie.
113. Gianluca Esposito, Geologo. 116. Sergio Fontanot, Ingegnere.
114. Umberto Gentili, Fisico dell'ENEA, Climatologo per il Progetto Antartide, ora in pensione.
115. Roberto Graziano, Ricercatore di Geologia stratigrafica e paleoclimatologia/paleoceanografia, Università di Napoli, già Geologo presso il Servizio Geologico d'Italia.
116. Roberto Habel, Professore di Fisica Medica, Università di Cagliari.
117. Ettore Malpezzi, Ingegnere.
118. Vania Mancinelli, Geologo, Borsista presso l'Università di Chieti.
119. Alessandro Martelli, Ingegnere, già Dirigente ENEA.
120. Umberto Minopoli, Presidente dell'Associazione Italiana Nucleare.
121. Cliff Ollier, Geomorphologist, Emeritus Professor and Honorary research fellow, at the School of Earth and Geographical Sciences University of Western Australia.
122. Francesco Oriolo, Professore di Impianti Nucleari, Università di Pisa.
123. Paolo Emmanuele Orrù, Professore di Geografia Fisica e Geomorfologia, Università di Cagliari.
124. Giorgio Paglia, Geologo, Borsista presso l'Università di Chieti.
125. Antonio Panebianco, Ingegnere.
126. Davide Peluzzi, Ambasciatore del Parco Nazionale del Gran Sasso e dei Monti della Laga nel Mondo nel 2017. 12 European Climate Declaration September 26, 2019
127. Corrado Penna, Docente di Matematica.
128. Alessandro Pezzoli, Ricercatore universitario e Professore aggregato in Weather Risk Management, Politecnico di Torino e Università di Torino.
129. Andrea Pomozzi, Presidente Associazione Piceno Tecnologie.
130. Giorgio Prinzi, Ingegnere, Direttore responsabile della rivista "21mo Secolo Scienza e tecnologia".
131. Arnaldo Radovix, Geologo, Risk Manager in derivati finanziari.
132. Mario Rampichini, Chimico, Dirigente Industriale in pensione, Consulente.
133. Arturo Raspini, Geologo, Ricercatore, Istituto di Geoscienze e Georisorse (IGG), Consiglio Nazionale delle Ricerche, Firenze.
134. Marco Ricci, Fisico, Primo Ricercatore, Istituto Nazionale di Fisica Nucleare.
135. Renzo Riva, Comitato Italiano Rilancio Nucleare (C.I.R.N.), Buja.
136. PierMarco Romagnoli, Ingegnere, Milano.
137. Stefano Rosso, Insegnante di Geografia, Storia e Italiano, Scuola Secondaria, Modena.
138. Ettore Ruberti, Ricercatore ENEA, Docente di Biologia Generale e Molecolare.
139. Francesco Sensi, Generale di Divisione Aerea (R).
140. Roberto Simonetti, Geologo, R&D c/o Azienda S.I.I.
141. Elio Sindoni, Professore Emerito dell'Università di Milano Bicocca.
142. Maria Grazia Tenti, Geologo.
143. Andrea Zaccone, Geologo, Dirigente Protezione Civile Regione Lombardia.
144. Piero Baldecchi, lettore.
145. Eliseo Bertolasi, Dottore di Ricerca in Antropologia Culturale.
146. Enrico Bongiovanni, Dottore Commercialista.
147. Claudio Ciani, Relazioni Internazionali, Scienza Politica, Università di Roma La Sapienza.
148. Luigi Chilin, Dirigente in pensione.
149. Alessio Del Gatto, Liceo Scientifico, collaboratore AttivitaSolare.it.
150. Ferruccio Cornicello, Fotografo e lettore di studi sul clima.

151. Maurizio Fiorelli, Sommelier professionale, studioso dell'evoluzione nella coltivazione delle vigne.
152. Walter Luini, Geometra.
153. Enrico Ghinato, Perito Fisico.
154. Alberto Guidorzi, Agronomo.
155. James Moore, Commercial Fisherman, President Alaska Trollers Association, Executive Committee- Northern Southeast Regional Aquaculture Association, Board member- Armstrong Keta Inc.
156. Maurizio Montuoro, Medico.
157. Gianni Pettinari, Impiegato Amministrativo, Fondatore del gruppo Facebook: "Falsi allarmismi sul riscaldamento globale".
158. Paolo M.J. Pilli, Pensionato.
159. Luigi Zanotto, Docente in pensione



#### SCIENTISTS AND PROFESSIONALS FROM JAPAN

1. Masayuki Hyodo, Professor of Earth Science, Kobe University, Japan
2. Mototaka Nakamura, Atmospheric and Oceanic Scientist (ScD in Meteorology, MIT)



#### SCIENTISTS AND PROFESSIONALS FROM MEXICO

1. Luis Frausto, Chemical Engineer
2. Victor Manuel Velasco Herrera, PhD, Space Engineer
3. Armando Pàez, PhD in Urganism, Expert in Sustainability and Energy Transitions



#### SCIENTISTS AND PROFESSIONALS FROM THE NETHERLANDS

1. *Guus Berkhout, Emeritus Professor of Geophysics, Delft University of Technology, Member of the Royal Netherlands Academy of Arts and Sciences; WCD Ambassador*
2. Maarten van An del, Author of the 'Groene Illusie'
3. André Bijkerk, Retired Officer Royal Dutch Air Force, now Climate Researcher
4. Peter Bloemers, Emeritus Professor of biochemistry, Radboud University, Nijmegen
5. Paul M.C. Braat, Emeritus Professor of Pulmonary Physics, University of Amsterdam
6. Solke Bruin, Emeritus Professor of Product-driven Process Technology, University of Eindhoven, and Former member Management Committee Unilever Research, Vlaardingen
7. Paul Cliteur, Professor of Legal Sciences, Member of the Senate of The Netherlands
8. Albert J.H.G. Cloosterman, Retired Chemical Engineer, Publicist on Climate and Cosmological Matters
9. Marcel Crok, Climate Researcher and Science Journalist
10. David E. Dirkse, Former Computer Engineer and Teacher Mathematics
11. Kees de Groot, Former Director Upstream Research Lab. Shell
12. Kees de Lange, Emeritus Professor of Physics, Vrije University Amsterdam and University of Amsterdam
13. Louw Feenstra, Emeritus Professor Erasmus University and philosopher, Rotterdam
14. Frans H. Gortemaker, Former Vice president Unilever Global R&D
15. Ton J.T. Grimberg, Research and Operational Petro-physicist
16. Leo Halvers, Former Director Bilton Research Arnhem and former Director technology Foundation STW
17. Eduard Harinck, Former Logistics Expert, Nedlloyd Group/KPMG consulting; member of the ED support team
18. J.R. Hetzler, Forestry Economics and Time Series Modeling
19. Jan F. Holtrop, Emeritus Professor of Petroleum Engineering, Delft University of Technology
20. A. Huijser, Physicist and Former CTO Royal Philips Electronics
21. W. J. (Wouter) Keller, Emeritus Professor of Statistical Methods, Former Member Board of Directors, Central Bureau of Statistics (CBS)
22. Jacques van Kerchove, Economist and Marketeer, Former CFO Rabobank, now Climate and Environment researcher



23. R.W.J. Kouffeld, Emeritus Professor of Energy Conversion, Delft University of Technology
24. Hans H.J. Labohm, Former Expert Reviewer IPCC
25. Kees le Pair, Physicist, Former Director of Research organisations FOM and Technology & former member of the General Energy Council, The Netherlands
26. B.G. Linsen, Former Director Unilever Research Vlaardingen, The Netherlands
27. Pieter Lukkes, Emeritus Professor of Economic and Human Geography, University of Groningen
28. Hugo Matthijssen, Former Teacher Meteorology, now Publicist on Climate Matters
29. Simon Middelhoek, Emeritus Professor of Electronic Instrumentation and Sensors, Delft University of Technology, Member of the Royal Netherlands Academy of Arts and Sciences and Member of the National Academy of Engineering, USA
30. J.M. Mulderink, Former General Director Akzo-Nobel
31. Rob Nijssen, Radar Engineer and Publicist on Climate Matters
32. Leffert Oldenkamp, Expert Forest Management
33. Peter Oosterling, Former Scientist E & P Shell, now active as Climate Researcher; member of the ED support team
34. Kees Pieters, Mathematician; Former Operational Research and ICT manager at Shell
35. Reynier Pronk, Former IT Manager, Accredited Project Management Consultant and Trainer
36. G.T. Robillard, Emeritus Professor of Biochemistry and Biophysics
37. Arthur Rörsch, Former Member Board of Directors, TNO, The Netherlands
38. Don Schäfer, Former Director Shell Exploration & Production and New Business, Shell
39. Frans Schrijver, Strategy Consultant and Climate Publicist
40. Jos de Smit, Emeritus Professor of Stochastic Operations Research and Former Rector Magnificus of the University of Twente
41. Albert Stienstra, Emeritus Professor of Computer Simulation and Micro-Electronics, Delft University of Technology
42. P.J. Strijkert, Former Member Board of Directors of DSM, Delft, The Netherlands
43. Dick Thoenes, Emeritus Professor of Chemical Technology, Technical University of Eindhoven
44. Fred Udo, Emeritus Professor of Nuclear Physics, Vrije Universiteit Brussels, Belgium
45. J.F. van de Vate, Former Director ECN, Petten, The Netherlands. Former UN Delegate IPCC.
46. Frans van den Beemt, Nuclear Physicist, Former Program Director Technology Foundation STW
47. Rutger van Santen, Emeritus Professor of Anorganic Chemistry and Catalysis, Former Rector Magnificus, Eindhoven University
48. Barend-Jan Smits, Geologist, Former Director of Wintershall Nederland, BASF Group
49. Hans van Suijdam, Former Executive Vice President Research and Development DSM, The Netherlands
50. Peter van Toorn, Former Research Geophysicist Shell
51. Jannes J. Verwer, Former CEO Large Electricity Generation Group and Former Chairman Supervisory Board State Owned Radio Active Waste Storage Facilities, The Netherlands
52. Henk van der Vorst, Emeritus Professor of Numerical Mathematics, University of Utrecht
53. Jaap van der Vuurst de Vries, Emeritus Professor of Petroleum Engineering, Former Dean Faculty of Applied Earth Sciences, Delft University of Technology
54. Karel Wakker, Emeritus Professor of Astrodynamics & Geodynamics, Delft University of Technology
55. Cyril Wentzel, Multi-Physics Engineer and Chairman of Environmental Think Tank 'Groene Rekenkamer'
56. Dolf van Wijk, Formerly AkzoNobel Environmental Research Laboratory and Former Executive Director Cefic-Euro Chlor, Brussels
57. W.J. Witteman, Professor of Applied Physics and CO2 lasers, University of Twente
58. Theo Wolters, Co-founder 'Groene Rekenkamer' and 'Climategate.nl'



## SCIENTISTS AND PROFESSIONALS FROM NEW ZEALAND

1. Terry Dunleavy MBE, co-founder (2006) and honorary secretary, New Zealand Climate Science Coalition; WCD Ambassador
2. Deborah Alexander, Agricultural Scientist, New Zealand
3. Jock Allison, retired Agricultural Scientist, Ministry of Agriculture, New Zealand
4. Barry Brill, OBE, Previously Minister of Science and Technology, New Zealand
5. Doug Edmeades, Managing Director agKnowledge Ltd., New Zealand
6. Roger High Dewhurst, Retired, geologist/hydrogeologist, New Zealand
7. Geoffrey G. Duffy, Professor Emeritus, University of Auckland, New Zealand
8. Joe Fone, CAD Engineer, Enatel Ltd
9. Bryan Leyland, Power Systems Engineer and Experienced Renewable Energy Specialist
10. Gerrit J. van der Lingen, Paleoclimatologist, New Zealand, Author of the Book The Fable of Stable Climate
11. John Scarry ME (Civil), structural engineer, member of the New Zealand Climate Science Coalition
12. John Sexton, Member of the New Zealand Climate Coalition
13. David Shelley, Emeritus Associate Professor Geology and latterly Dean of Postgraduate Studies, University of Canterbury, Christchurch, New Zealand
14. Philip Strong, Science Research Leader & Member of the New Zealand Climate Coalition
15. Richard Treadgold, Executive Member NZ Climate Science Coalition, Convenor Climate Conversation Group
16. Ian Wright, Professional Geologist



## SCIENTISTS AND PROFESSIONALS FROM NORWAY

1. Morten Jødal, Biologist, Former Employee of the NMorten Jødal, Biologist, Former Employee of the Norwegian Research Council and the Centre for the Development and Environment at the University of Oslo; WCD Ambassador
2. Gunnar Abrahamsen, Professor Emeritus Soil Science, University of Life Sciences, Norway
3. Stein Storlie Bergsmark, Physicist, Former head of renewable Energy Studies Programmes, University of Agder, Norway
4. Reidar Borgstrøm, Professor Emeritus in fishbiology and Nature Conservation, University of Life Sciences Norway
5. Jon Gulbrandsen, PhD, biologist, Associate Professor NOFIMA and NOAA (USA), Norway
6. Røgnvaldur Hannesson, Professor Emeritus, Norwegian School of Economics, Norway
7. Geir Hasnes, Adjunct Associate Professor, Institute of applied Cybernetics, Norwegian University of Science and Technology, Norway
8. Hans Konrad Johnsen, Dr. Ing., Norway
9. Arnfinn Langeland, Professor Emeritus Biology, Norwegian University of Science and Technology
10. Willy Nerdal, professor of Chemistry, University of Bergen
11. Ulf Torgny Rock, Master of Chemical Engineering, Norsk Hydro, Norway
12. Martin Torvald Hovland, Geophysical and Geological Advisor, Former Lecturer at University of Tromsø
13. Elen Roaldset, Emeritus Professor in Geology, University of Oslo, Former Director of Natural History Museum Oslo, Professor at Norwegian University of Science and Technology
14. Hakon Gunnar Rueslatten, Geological Researcher, Trondheim
15. Tom V Segalstad, Associate Professor Emeritus of Geochemistry, University of Oslo, Norway
16. Jan-Erik Solheim, Professor Emeritus Astrophysics, University of Tromsø – The Arctic University of Norway
17. Jørgen Stenersen, Professor Emeritus Eco-Toxicology, University of Oslo



### SCIENTISTS AND PROFESSIONALS FROM PARAGUAY

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



### SCIENTISTS AND PROFESSIONALS FROM POLAND

1. Marek Boinski, Chairman of the National Section of Energy Workers' Union NSZZ
2. Jaroslaw Grzesik, Chairman of the National Secretariat of Mine and Energy Workers' Union NSZZ
3. Dominik Kolorz, Chairman of the Slasko-Dabrowski Region of NSZZ



### SCIENTISTS AND PROFESSIONALS FROM PORTUGAL

1. Demétrio Carlos Alves, Chemical Engineer, specialized in Processes and Systems. Postgraduate in Legal Issues of Urban Planning, University of Lisbon.
2. Rui Cruz, Pharmaceutical Development Scientist. PhD In Chemical and Biological Engineering (Material Science Focus for Solar Energy Applications)



### SCIENTISTS AND PROFESSIONALS FROM RUSSIAN FEDERATION

1. Habibullo Abdussamatov, Head of the Space Research Sector of the Sun, Pulkova Observatory RAS and Head of the Lunar Observatory Project on Monitoring of the Climate, Russian Federation
2. Henni Ouerdane, Assistant Professor, Manager of the Energy Systems PhD Programme, Skolkovo Institute of Science and Technology. Moscow Region



### SCIENTISTS AND PROFESSIONALS FROM SOUTH-AFRICA

1. Rosemary Falcon, Emeritus Professor Clean Coal Technology Research Group at the University of Witwatersrand, Director Fossil Fuel Foundation
2. Kelvin Kemm, Nuclear Physicist, Formerly Chairman of the South African Nuclear Energy Corporation.
3. John Ledger, Visiting Professor at the University of the Witwatersrand, Energy and Environmental Consultant
3. Don Mingay, Retired Professor of Nuclear Physics, South Africa



### SCIENTISTS AND PROFESSIONALS FROM SPAIN

1. Maria-Teresa Estevan Bolea, Ingeniero Laureado 2019 Royal Spanish Academy of Engineering. World Award 2018 In Engineering WFEO (World Federation of Engineering Organizations), National Prize in Industrial Engineering 2019.



### SCIENTISTS AND PROFESSIONALS FROM SWEDEN

1. *Ingemar Nordin, Emeritus Professor Philosophy of Science, Linköping University; WCD Ambassador*
2. Leif Åsbrink, PhD in Technology at KTH in Molecular Physics, Stockholm
3. Sture Åström, Professional in Climate Issues, Secretary of the Swedish Network Klimatsans
4. Rolf Bergman, Emeritus Professor of Physical Chemistry, Uppsala University
5. Dr. Lars Bern, Member of The Royal Swedish Academy of Sciences, Retired CEO in Incentive AB
6. Magnus Cederlöf, Software Specialist, Stockholm
7. Per-Olof Eriksson, Physicist, Former CEO of Sandvik Group
8. Dr. Anders Flodin, Business Development Manager, Höganäs AB in North Carolina
9. David D. Gee, Professor in Orogen Dynamics, Uppsala University, Sweden
10. Eilif Hensvold, PhD Mathematics, Associate Professor of Mathematics (retired), Simulation of Large-scale Industrial Systems, Uppsala University, Luleå Technical University
11. Hans Jelbring, Climate researcher
12. Claes Johnson, Emeritus Professor of Mathematics at Royal Institute of Technology, Stockholm



13. Gunnar Juliusson, Professor of Hematology, Lund University, Senior Consultant, Skåne, University Hospital, Lund
14. Sten Kaijser, Emeritus Professor of Mathematics, Uppsala University
15. Johnny Kronvall, Emeritus Professor in Building Physics, Malmö University and Lund University
16. Johan Montelius, Associate Professor of Computer Science at the Royal Institute of Technology, Stockholm
17. Nils-Axel Mörner, Emeritus Professor Geology, President of the Independent Committee on Geoethics. Former head of Paleogeophysics & Geodynamics at Stockholm University
18. Jacob Nordangård, PhD in Technology and Social Change at the University of Linköping, Researcher on Climate Change History
19. Gösta Pettersson, Emeritus Professor in Biochemistry, University of Lund
20. Marian Radetzki, Emeritus Professor of Economics, Luleå University of Technology
21. Peter Stilbs, Emeritus Professor of Physical Chemistry, Royal Institute of Technology (KTH), Stockholm
22. Elsa Widding, Consultant, Author on Climate Change, Stockholm



#### SCIENTISTS AND PROFESSIONALS FROM SWITZERLAND

1. Christian Jacot, Pharmacist
2. Jean-Claude Pont, Dr. Math., Emeritus Professor of The History of Philosophy of Sciences, University of Genève
3. Jef Ongena, Member of the Permanent Monitoring Panel for World Energy, World Federation of Scientists, Geneva
4. Lars Schernikau, Entrepreneur, Energy Economist, Switzerland



#### SCIENTISTS AND PROFESSIONALS FROM UNITED KINGDOM

1. *Christopher Monckton of Brenchley, Peer of the Realm and author of several reviewed papers on climate; WCD Ambassador*
2. David Bodecott, Consultant Geophysics and Geology, Fellow of the Geological Society of London
3. D. Q. Bowen, Emeritus Professor of Earth and Ocean Sciences, Fellow International Union for Quaternary Research, Cardiff University
4. Michael Brown, Expert in large scale thermal fluid dynamic models.
5. John C. W. Cope, Professor of Geology, National Museum Wales, Cardiff
6. Richard Courtney, Retired Material Scientist, Expert Peer Reviewer of the IPCC
7. Peter Cunningham, Expert in Mathematical Modelling of Complex Physical Phenomena
8. Isabel Davis, Geophysicist and Entrepreneur
9. John Dewey, Emeritus Professor of Geology at the University College Oxford, Distinguished Emeritus Professor University of California, Member of the US National Academy of Sciences, Fellow of the Royal Society
10. Howard Dewhurst FGS, Geologist, Initiator Open Letter to the Geological Society of London
11. Gregor Dixon FGS, Geologist, former member Geological Society of London
12. Roderick Paul Eaton, Retired Energy Systems Analyst from the UK Electricity Supply Industry
13. Peter Gill, Physicist, Former Chair of the Institute of Physics Energy Group, UK
14. Gil Gilchrist, Geophysicist, UK
15. Jimmy Haigh, Independent Geological Consultant
16. Tim Harper FGS, Geologist, Entrepreneur, Devon
17. Bob Heath, retired Geophysicist, Honorary member of the Indian Society of Petroleum Geologists
18. Alex Henney, Formerly London Electricity Board, Consultant on Electricity Matters
19. Roger Higgs, DPhil (Oxon), Independent Geological Consultant, Geoclastica Ltd.
20. Keith H. James, PhD, Consultant Geologist
21. David A. L. Jenkins, Geologist, Director Hurricane Energy plc
22. Chris Jesshope, Emeritus Professor University of Amsterdam, Director Techne Consulting Ltd. (UK)

23. Roger Longstaff, Experimental Space Physicist and Company Director
24. Chris Matchatte-Downes, Geologist, fellow of the geological Society of Gt Britain
25. Stuart Munro, Exploration Geologist and Geophysicist
26. Edward Nealon, Geologist Member of the Australian Institute of Mining & Metallurgy, UK
27. Peter Owen FGS, Fellow of the Geological Society of London
28. Dennis Paterson, Geologist, retired
29. Clive Randle, Geologist, Fellow of the Geological Society of London
30. Michael J. Rath, Professional Forrester
31. Ceri Reid, Researcher, Engineer and Manager
32. Michael F. Ridd, Geologist, Fellow of the Geological Society of London
33. Richard Saumarez, Biomedical Engineer from Imperial College
34. Michael Seymour, geologist, Fellow of the Geological Society of London
35. Stephen Taylor, PhD, Infra-Red Physicist and Tidal Hydrographer, MD Geomatix Ltd., Member of Inst. of Physics, Member of Inst. of Electrical and Electronic Engineers, Associate Fellow of Royal Institute of Navigation, Member of the Hydrographic Society
36. Leslie Thomson, Retired Vice President Operations, BP Exploration, Aberdeen
37. Jay Willis, Marine Scientist, Associate of the OxNav Group of Oxford University.
38. Valentina Zharkova, Professor of Mathematics and Astrophysics, Northumbria University, Newcastle upon Tyne



## SCIENTISTS AND PROFESSIONALS FROM USA

1. *Richard Lindzen, Emeritus Professor Atmospheres, Oceans and Climate, MIT, USA; WCD Ambassador*
2. *John Droz jr, Physicist, Founder of AWED Alliance, USA, WCD Ambassador*
3. *Ralph B. Alexander, Emeritus Professor of Physics, Science Writer*
4. *Raphael D'Alonzo, Analytical Chemist, Retired Associate Director, the Proctor & Gamble Company*
5. *Anthony J. Armini, Retired Founder and CEO Implant Sciences Corp., USA*
6. *Dr. Malgorzata Askanas, Senior R&D Associate at the Aurora Biophysics Research Institute*
7. *Hans-Peter Bär, Emeritus Professor of Pharmacology, Canada and Former Dean of Basic Medical Sciences, American University of Barbados, Barbados*
8. *James R. Barrante, Emeritus Professor of Physical Chemistry, USA*
9. *Charles G. Battig, Climate Adviser, Heartland Institute, USA*
10. *Larry Bell, Endowed Professor of Space Architecture, University of Houston, USA*
11. *David J. Benard, Chemical Physicist & Co-inventor of the Oxygen-iodine Chemical Laser*
12. *Edwin X. Berry, PhD, Atmospheric Physicist, American Meteorological Society, Author, Climate Physics LLC, USA*
13. *Jared L. Black, Numerical Analysis Consultant, Sc.D., USA*
14. *Elliott D. Bloom, Emeritus Professor of Particle Physics and Astrophysics, KIPAC-SLAG, Stanford University*
15. *Daniel Botkin, Emeritus Professor of Biology, Climate Researcher, Author of the Book: Twenty-five Myths That Are Destroying the Environment, USA*
16. *Robert L. Bradley Jr., CEO and Founder of the Institute for Energy Research*
17. *James W. Buell, PhD, Aquatic Biologist, Consultant*
18. *Nick Capaldi, PhD, Author Books on Logic, the Scientific Method and the Philosophy of Science*
19. *Roy Clark, Climate Researcher, Retired Engineer, California*
20. *Martin Cornell, Retired Senior Scientist, Dow Chemical Company, USA*
21. *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, USA*
22. *George Davey, Physicist, University of Iowa*
23. *David Deming, Professor of Arts & Sciences, University of Oklahoma, USA*
24. *Harold H. Doiron, Retired NASA Engineer, USA*
25. *Mohan Doss, Professor, Fox Chase Cancer Center, Philadelphia, One of the Founding Members of SARI.*

26. Jack D. Downing, Geologist and Geophysicist
27. John Dale Dunn, MD, JD, Lecturer Carl R. Darnall Army Medical Center, Fort Hood, Texas
28. Freeman Dyson, Emeritus Professor Natural Sciences, Institute of Advanced Study, Princeton University, USA
29. Vincent Esposito, Adjunct Professor University of Pittsburg, PA, USA; Doctor of Science in Nuclear Engineering (Un. Fo Viginia), Retired Manager from Westinghouse Electric Company
30. Peter Farrell, Fellow of the US National Academy of Engineering, USA
31. Rex Fleming, Research Scientist, Author of Book on Carbon Dioxide Fallacy, Retired President Global Aerospace, USA
32. Jim Folcik, Geosciences Manager Extraction Oil & Gas
33. Patrick Frank, PhD, SLAC National Accelerator Laboratory, Stanford University
34. Gordon J. Fuls, Astrophysicist, Board of Directors CO2 Coalition, Co-founder Global Warming Realists
35. Terry Gannon, Physicist, Retired Semiconductor Executive, USA
36. Ulrich H. Gerlach, Professor of Mathematics, Ohio State University, USA
37. Ivar Giaever, 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
38. Laurence I. Gould, Professor of Physics, University of Hartford, Past Chair, New England Section of the American Physical Society.
39. Steve Goreham, Executive Director, Climate Science Coalition of America, USA
40. David Heald, Retired Electrical Engineer, USA
41. Howard C. Hayden, Emeritus Professor of Physics, University of Connecticut, USA
42. Gary L. Hoe, P.E., Retired Colonel USAF; Technical Director of several Nuclear Weapon Effects Tests at the Nevada Test Site; Member Scientists for Accurate Radiation Information (SARI)
43. Jim Hollingworth, Social Scientist; Book: 'Climate Change: A Convenient Truth'
44. Kathryn E. Kelly, President Delta Toxicology, USA
45. Hugh Kendrick, PhD, Retired Director Plans and Analysis, Office of Nuclear Reactor Research, US Dept. of Energy, Fellow American Physical Society
46. Stephen C. Knowles, Marine Scientist and Geologist, Beacon, New York, USA
47. Wayne P. Kraus, Member American Institute of Chemical Engineers (AIChE)
48. Jay Lehr, PhD, Senior Policy Analyst for the International Climate Science Coalition. Former Science Director of the Heartland Institute.
49. Jeffrey Mahn, Retired Nuclear Engineer Sandia National Laboratories (New Mexico, USA); Member Scientists for Accurate Radiation Information (SARI), Member Nuclear Society (ANS)
50. M. Malkan, PhD, Distinguished Professor of Physics and Astronomy, UCLA
51. James A. Marsh, Emeritus Professor of Immunology, Cornell University, Dept. of Microbiology and Immunology
52. Patrick J. Michaels, Competitive Enterprise Institute, Washington DC, USA
53. Pamela Matlack-Klein, Member of Portuguese Sea Level Project, USA
54. Andy May, Writer and Retired Petrophysicist
55. Dr. Gene McCall, Consultant to the Defense Science Board, Former consultant to the Department of Energy on Issues related to Inertial Fusion. Former Member and Chairman of the USAF SAB. Former Member of the Senior Review Group to the Defense Airborne Airborne Reconnaissance Office (DARO) and Former Chairman of the Technology Assistance panel fir DARO
56. Craig Mc Cluskey, PhD, Physics
57. Richard McFarland, Retired NASA Physicist, USA
58. Samuel H. Melfi, Emeritus Professor of Physics, UMBC, Retired NASA Scientist, USA
59. Kenneth Melvin, MD: retired Professor of Medicine, Portland, Oregon
60. Ferenc M. Miskolczi, Retired NASA/AS&M Senior Scientist; Foreign Associate Member of the Hungarian Academy of Sciences
61. Daniel W. Nebert, Professor Emeritus, Department of Environmental Medicine and Center for Environmental Genetics, University of Cincinnati

62. Thomas O'Connor, Member American Association of Petroleum Geologists, Washington, USA
63. Kenton Oma, Retired PE Chemical Engineer, Environmental Engineering, Environmental Consultant, R&D at DOE Nuclear Facility
64. Trueman D. Parish, Retired Director of Engineering Research Eastman Chemical Company, USA
65. Arvid Pasto, PhD in Ceramics, Retired from the Oak Ridge National Laboratory, TN
66. Charles W. Pennington, Senior Vice President of Engineering , NAC International (Retired); Secretary Board of Directors
67. Jeffrey S. Philbin, Retired Nuclear Engineer Sandia National Laboratories (New Mexico, USA); Independent Consultant in Nuclear Facility Design and Safety Analysis, Nuclear Criticality Safety and Weapon Response
68. James M. Policelli, Registered Professional Engineer
69. Herman A. Pope, retired Aerospace Engineer NASA-JSC, USA
70. Willem Post, Independent Researcher regarding Energy and Environment
71. Kenneth L. Purdy, Management Consultant, Retired Naval Officer in Operational Intelligence
72. Forrest J. Remick, Emeritus Professor of Nuclear Engineering; Emeritus Assoc. VP for Research at The Pennsylvania State University. Retired Commissioner, US Nuclear Regulatory Commission
73. Phil Robinson, Retired Chemist in the Aluminium and Steel Industry
74. James H. Rust, Emeritus Professor of Nuclear Engineering, Georgia Institute of Technology
75. Charles L. Sanders, Retired Radiobiologist; Author of Radiobiology and Radiation Hormesis: New Evidence and Its Implications for Medicine and Society (Springer)
76. Thomas P. Sheahen, PhD, Chairman, Science and Environmental Policy Project
77. John Shewchuk, Meteorologist (CCM) and Atmospheric Researcher, USA
78. Robert P. Smith, PhD, P.E., Environmental Scientist and Professional Engineer
79. Willie Soon, Independent Scientist, USA
80. Jim Steele, Emeritus Director Sierra Nevada Field Campus, San Francisco State University
81. Ronald Stein, Professional Engineer, USA
82. Gerald M. Sulzer, MS Chemical Engineer, Retired Director of Technology, Albemarle Corporation, USA
83. Paul Taylor, Energy Economist, recipient Rossitor Raymond Award, Golden Colorado, USA
84. David E. Thompson, Emeritus Professor Mechanical Engineering and Computer Science, Dean Emeritus College of Engineering, University of Idaho
85. Cecil Joe Tomlinson, Retired Boeing Senior Principle Engineer
86. Richard Trzupek, Chemist and Air Quality Expert
87. Waheed Uddin, Professor of Engineering Science, University of Mississippi, Expert in Climate Modeling, Former Advisor UN
88. William B. Walters, Guggenheim Fellow, Professor of Atmospheric, Nuclear and Environmental Chemistry, University of Maryland, USA
89. Chuck F. Wiese, Professional Meteorologist, USA
90. Steven E. Weismantel, Retired Engineer and Climate Researcher, USA
91. Gregory R. Wrightstone, Expert Reviewer IPCC 6th Assessment Report (AR6), USA
92. David Wojick, Cognitive Scientist, USA
93. Thomas Wismuller, Retired NASA Executive, USA
94. Bob Zybach, Program Manager, Oregon Websites and Watersheds Project INC., USA