

Global Warming and CO₂: Canada

Global Warming is not a crisis nor is it caused by CO₂ emissions.

- Canada's climate has not materially changed over the last 120 years..
- The global impact of Canada going "Carbon Neutral" has negligible global impact and is very costly.
- Canada has 594.7 billion trees. Only 25.7 billion trees are needed to capture all of Canada's CO₂ emissions. Canada's lakes absorb even more CO₂ than these trees. Canada does not contribute globally to any net global CO₂ emissions.

https://www.ntd.com/whats-the-science-behind-epas-proposed-rollback-of-climate-regulations_1082740.html

- Spending \$multi-billions on Canada going "Carbon Neutral" doesn't add up.

[It Is Easy Going Green The value of added CO₂](#)

<https://natural-resources.canada.ca/our-natural-resources/forests/sustainable-forest-management/boreal-forest/13071>

Climate Crisis Scam <https://youtu.be/aT2SvlAkE5s>; Gregory Wrightstone

Global Warming and CO₂

Introduction

Given my background as a professional geologist and geophysicist who spent my career studying climate change implications, I was surprised by claims that mankind was causing a climate change crisis. I am aware of prior ice ages, climate change and changing sea levels that occurred well before mankind arrived. I am also aware that CO₂ is critical for plant life. This drove me to research this subject in much more detail.

I offer you this material, along with connections to more extensive reports for your consideration.

Graeme Phipps Professional Geophysicist and Geologist
email: graeme@phippsandassociates.com

Video presentation: [Graeme Phipps Climate Change Presentation](#)

Global Warming and CO₂

Introduction

This presentation shows the results of my research into this subject, obtained from 30 books, 214 articles, 105 videos and 57 well-respected and competent scientists and professionals, all listed at the end of the presentation. The results of my ongoing analysis are contrary to what is being said in mainstream media and have important implications for future Government actions.

Please consider this quote from Tolstoy's 1894 treatise "The Kingdom of God is Within You" where he states: "**The most difficult subjects can be explained to the most slow-witted man if he has not formed any idea of them already, but the simplest thing cannot be made clear to the most intelligent man if he is firmly persuaded that he knows already, without a shadow of a doubt, what is laid before him**". Please proceed with an open mind.

This presentation summarizes findings relevant to Canada. For complete presentation:

<https://www.dropbox.com/scl/fi/q2iuu6eizwcvdt3nxki32/Climate-Change-Complete-version.pdf?rlkey=sykg63ec1ykvffi11josk6k8d&st=wl6anuxk&dl=0>

Also, see the weekly science-based technical review of Climate Change issues (www.sepp.org)

[Bing Videos](#); Lord Monckton Net Zero Emissions – The Costliest Error of Physics and Economics in History

Global Warming and CO₂

Introduction

Key Findings

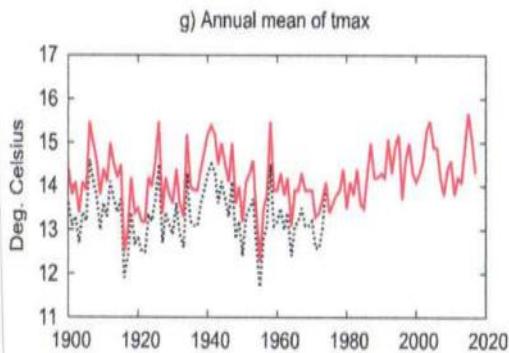
- 1) Climate change is a very complex system, with CO₂ as a greenhouse gas playing a very minor and not dangerous role
- 2) Increased CO₂ in the atmosphere is beneficial and not damaging to the world.
 - i) Added CO₂ increases plant growth and is essential for plant life. The world is greening and plant and crop yields have significantly improved
 - ii) Added CO₂ is not causing increased extreme and dangerous weather events, which are not increasing compared to historic occurrences
 - iii) Added CO₂ has reached a near-saturation level. The CO₂ Greenhouse temperature impact changes logarithmically, requiring continuously doubling the amount of added CO₂ to obtain the same prior temperature effect and future added CO₂ makes a minimal temperature impact
 - iv) Added CO₂ does not bring about the proposed runaway temperatures. Historically, the globe experienced over 10 times the present CO₂ level without associated runaway temperatures

What is Canada's climate situation and the threat of a "Climate Emergency"?

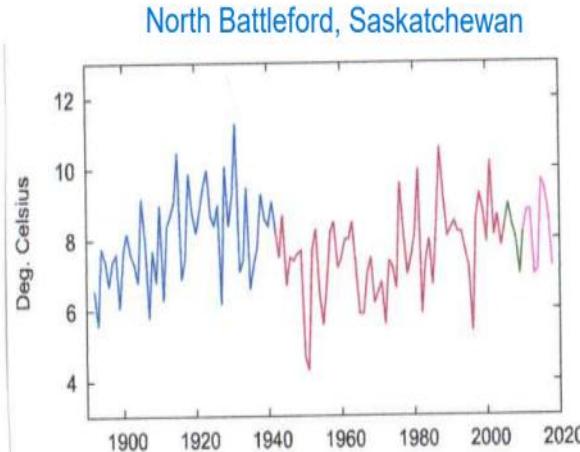
Canada's mean daily maximum temperatures since recording began show only a 1 to 2 °C mean change over the last 120 years; hot summer days and cold winter nights change of over 6oC

- Canada's annual average air temperatures taken from Victoria BC, North Battleford Saskatchewan and Moncton New Brunswick sites since 1900 show about a 1 to 2 Celsius increase over the last 120 years.
- At these rates, the impact on Canadian temperature over the next 100 years would be about 1C.
- Canadian daily temperatures in major populated areas have ranged from winter night lows of -30C to summer day highs of +30C+ without serious issues
- A change of 1 C against daily seasonal ranges of up to 60C is not a "Climate Emergency"!
- **Canada's Annual Mean of the Daily Maximum Temperatures 1900 to 2018**

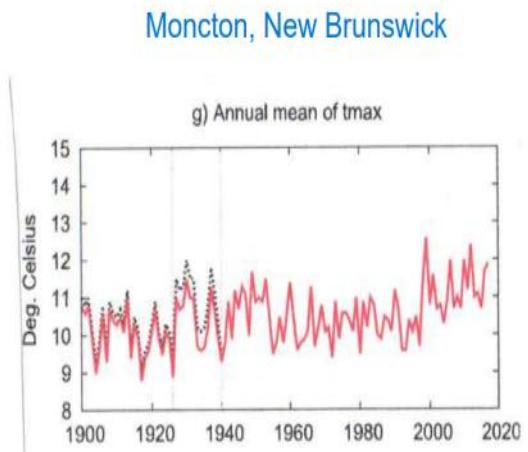
Victoria, British Columbia



North Battleford, Saskatchewan



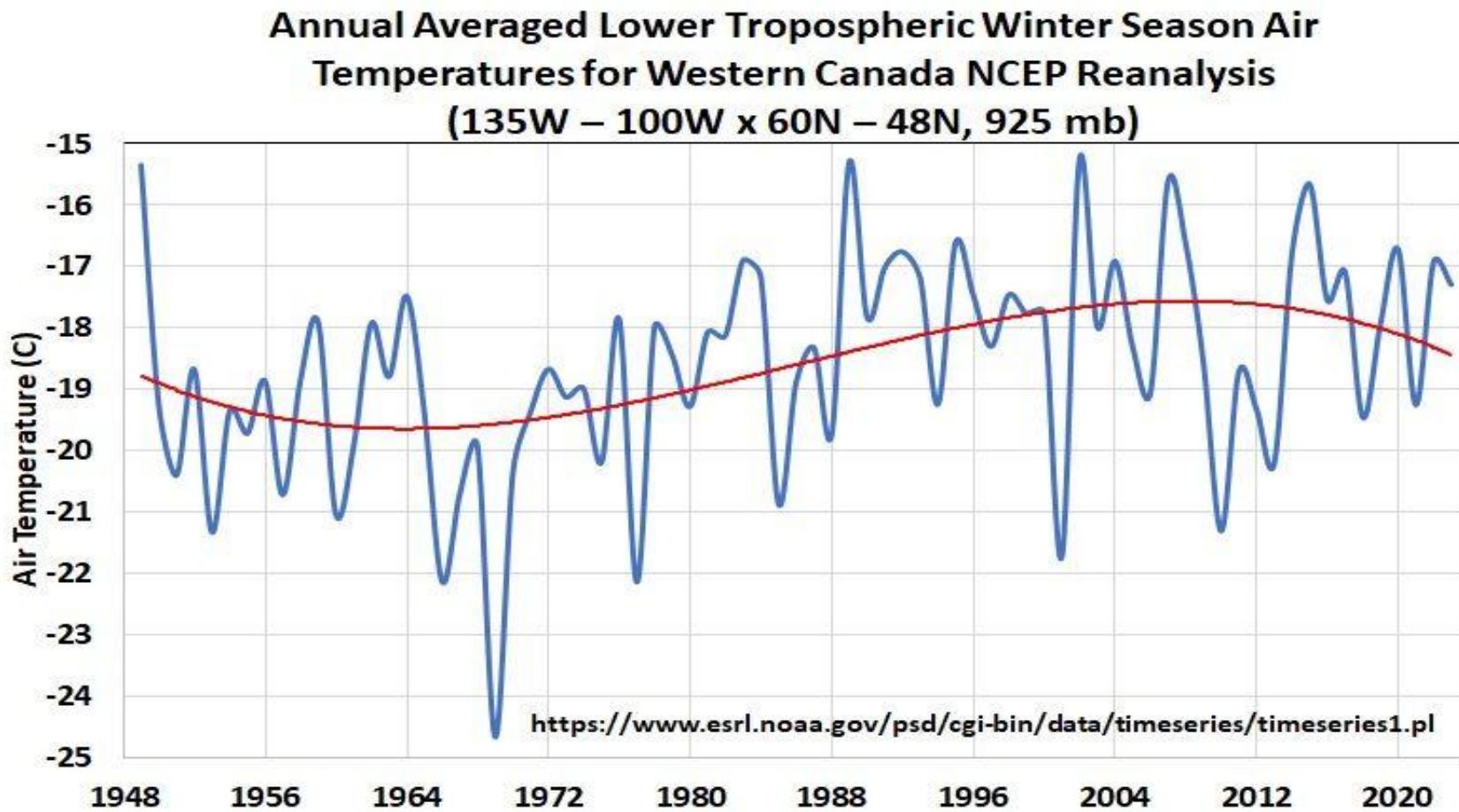
Moncton, New Brunswick



What is Canada's climate situation and the threat of a "Climate Emergency"?

Western Canadian Temperatures Show Cyclic Variations Unrelated to CO₂ Increases

Radiosonde (aka weather balloon) data shows that the lower tropospheric air temperature over Western Canada continues to exhibit a cyclical trend.



What is Canada's climate situation and the threat of a “Climate Emergency”?

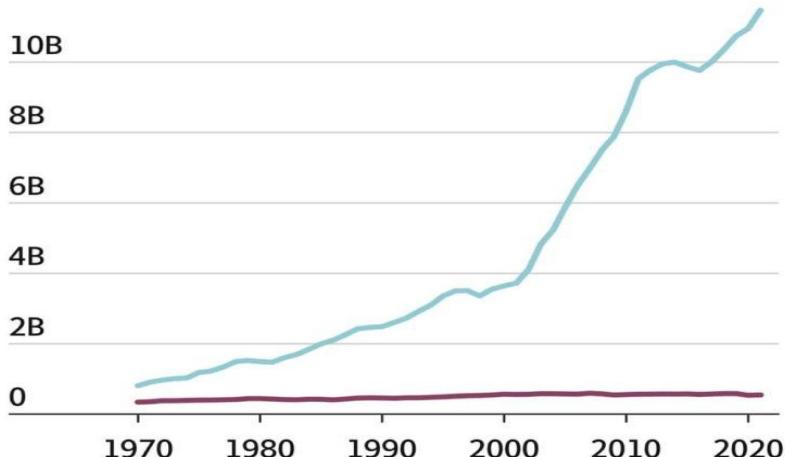
Canada's CO₂ emissions are very small. Other countries are significantly increasing CO₂ emissions

The International Energy Agency 2022 Coal Report documented that in 2021–22 global coal demand increased by 3.2% and for the first time passed 8 billion tons. Coal use in electricity generation is globally at an all-time high.

Carbon emissions: Canada vs. China

Annual CO₂ emissions from fossil fuels and industry, in billions of tonnes

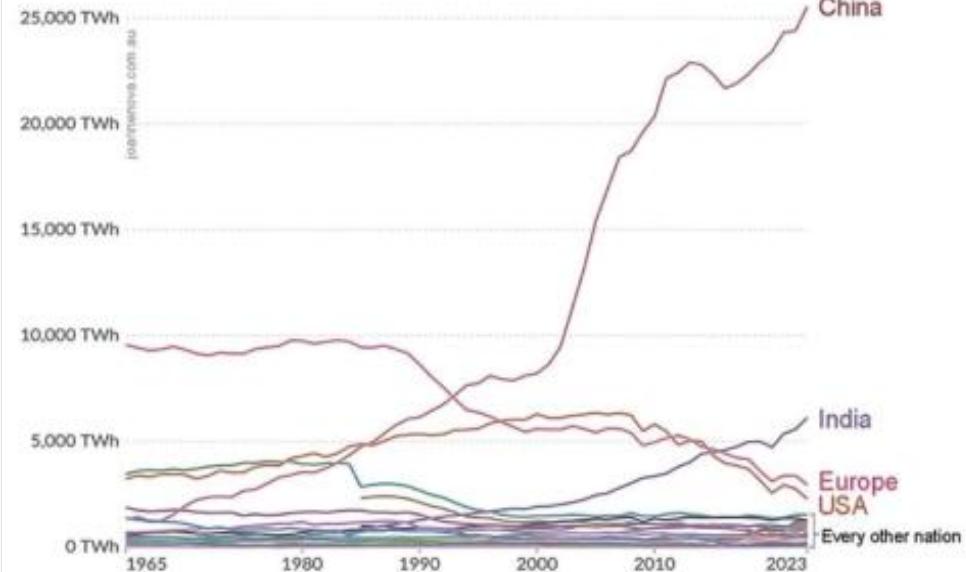
— Canada — China



JOHN SOPINSKI / THE GLOBE AND MAIL, SOURCE:
OURWORLDINDATA.ORG

Coal consumption

Coal consumption by country or region, measured in terawatt-hours (TWh).



Data source: Energy Institute - Statistical Review of World Energy (2024)

OurWorldInData.org/fossil-fuels | CC BY

Other 3rd world countries are also increasing coal burning for electricity use to meet energy needs

- https://open.substack.com/pub/robertbryce/p/the-iron-law-of-electricity-strikes?r=ukert&utm_campaign=post&utm_medium=email
- <https://www.heritage.org/global-politics/commentary/china-abandons-paris-agreement-making-us-efforts-painful-and-pointless>
- <https://co2coalition.org/2024/10/14/western-households-sacrifice-as-asians-splurge-on-coal/>

What is Canada's climate situation and the threat of a "Climate Emergency"?

Canadian trees capture more than the total Canadian CO₂ emissions

Canada has 594.7 billion trees

Canada produces 559 Megatonnes of Co₂

To capture all of Canada's Co₂, it takes 25.7 billion trees



Therefore, Canada has 569 billion unemployed trees...

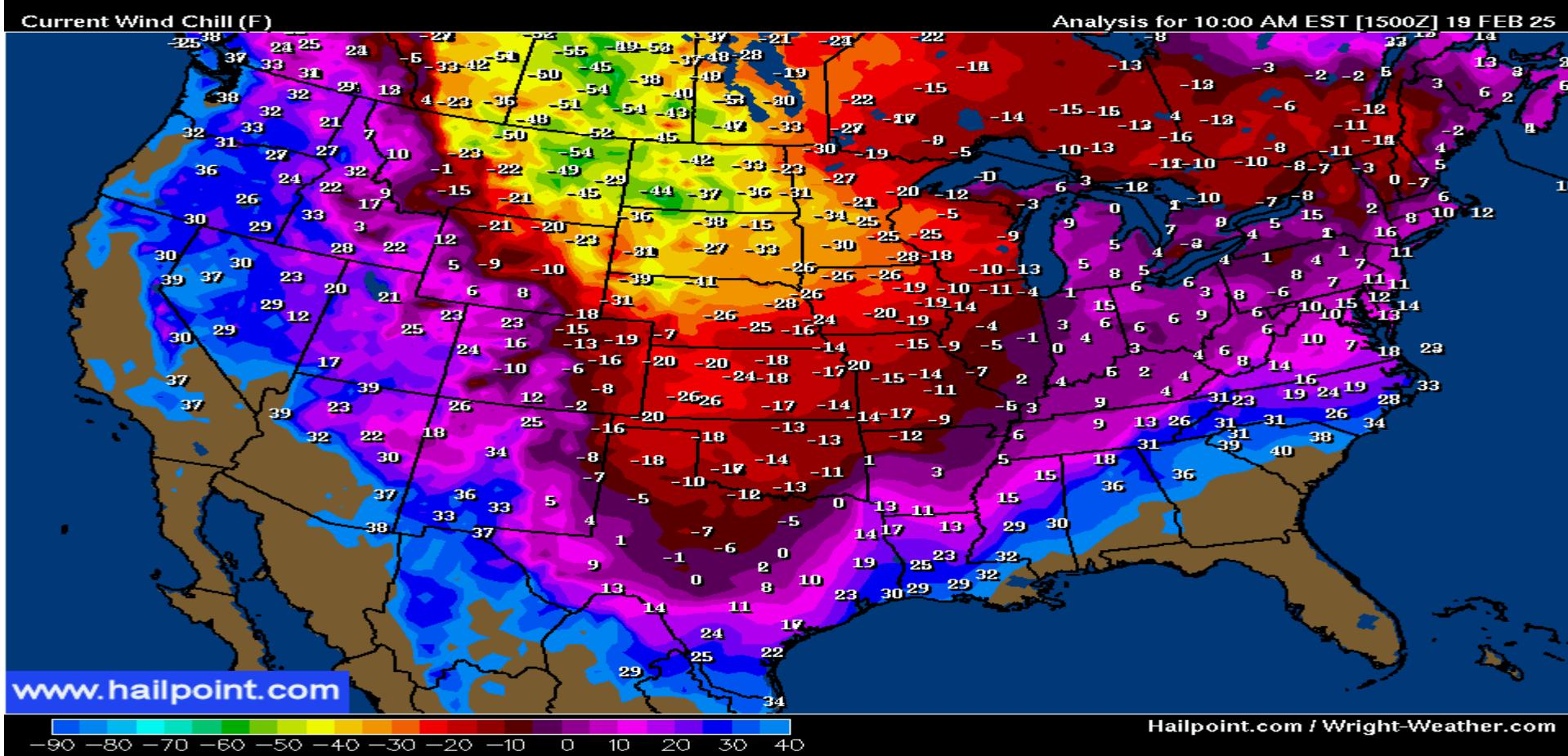
**It's obvious the Carbon Tax is one of the largest scams
in Canadian history!**

Are warmer temperatures and higher CO₂ levels causing a climate warming crisis?

February 19, 2025: Record-breaking cold across North America

- Recent low temperatures go against CO₂ driven global warming climate crisis

Record-breaking cold: Temperatures to plunge to as much as 50 degrees below



Is present Global Warming a man-made or a natural phenomenon?

- 1) Volcanic eruption, a natural event, warms the Earth's surface

Hunga Tunga Ha'apai Volcano Impacts Global Atmosphere

The eruption of the Hunga Tonga-Hunga Ha'apai volcano 490 feet under the waves on January 15, 2022, blasted an enormous amount of water and volcanic gases into the sky higher than any other eruption in the satellite era. This underwater explosion sent 146 million tons of water from the South Pacific Ocean into the stratosphere.^[60] changing the water composition of Earth's atmosphere and potentially heating it up *for years*. In just a few days, the superheated water from the Hunga Tonga eruption blanketed the entire globe, pole to pole, East to West. It caused the most intense atmospheric explosion ever recorded by modern instruments.

The amount of water vapor ejected was 10 percent of the stratosphere's typical stock.^[61] It was enough to temporarily warm the surface of Earth. It is estimated that an excess of water vapour should remain for 5–10 years.^[59] Hunga's eruption broke all records for injection of *water vapor*—the most powerful greenhouse gas—into the atmosphere. [NASA](#)

[Bing Videos](#) Hunga Tunga satellite view

[A volcanic eruption sent enough water vapor into the stratosphere to cause a rapid change in chemistry - NOAA Research](#)

What is Canada's situation and the actual impact of going carbon neutral?

Canada going "Carbon Neutral" does not make sense nor add value for money

- Canada's CO₂ emissions is just over 1% of world emissions. Even if CO₂ levels materially impact global temperatures (which is likely not the case), going "Carbon Neutral" for Canada would have only a very minimal world impact, making no difference.
- The Government of Canada has launched the \$8 billion Net-Zero Accelerator Fund to help large emitters reduce their emissions. Plus, the Government is taxing Canadian citizens via a carbon tax. In 2023-24, the government expects the tax to raise \$5.7 billion. Is this value for money?
 - Based on recent historical trends, in the next 100 years in Canada
 - The impact of temperature changes is likely about 1 C (not a concern)
 - Given no material high tide rises over the last 100-plus years, the impact of sea level rise is also likely not a concern and any potential rise can be managed.
 - Is spending valuable taxpayer funds on the planned "Climate Emergency" good value for money?
 - Are there better ways to help Canada than by cutting CO₂ emissions and imposing a Carbon tax? Do we want to feel good following a moral imperative that may be wrong, or do we want to effectively spend these funds in areas where funds are desperately needed and make an impact?
 - The value of going "Carbon Neutral" should be in serious question. In my aforementioned separate presentation (available on request), warmer temperatures and increased CO₂ are shown to be good, not bad.
 - **\$5.7 billion of funds and efforts in the Carbon Neutral initiatives should be directed elsewhere to well-defined and beneficial needs of Canadian residents. The principle of value for money spent should be upheld. The Carbon tax should be dropped.**

What is Canada's situation and the actual impact of going carbon neutral?

Canada going "Carbon Neutral" does not make sense, nor add value for money

Please consider these comments from the renowned Dr. Richard Lindzen's paper. Surely, funds allocated to moving Canada to Carbon Neutral can be better spent elsewhere (adding more doctors and nurses, additional education funding)

- "CO₂ is a particularly ridiculous choice for a 'pollutant'; its primary role is as a fertilizer for plant life. Currently, almost all plants are starved of CO₂. Moreover, if we were to remove a bit more than 60% of current CO₂, the consequences would be dire: namely, death by starvation for all animal life."
- "... given the size of the energy sector, any attempt to rebuild it, however unnecessarily and ineffectively, presents immense opportunities for huge short-term profits – opportunities that are obviously tempting and strongly defended. Atop all of this has been the constant Geobellion repetition by the media of climate alarm. And this alarm is accompanied by so-called 'solutions' that deal with something, namely decarbonization, that is, in fact, largely irrelevant to climate change, while imposing great and pointless pain."
- "Indeed, rapid CO₂ emission reductions in the UK will have a negligible impact on global warming"
- "... proposed policies are harmful regardless of what one believes about the nature of climate change. My point is that this is doubly true if the underlying premise concerning the role of greenhouse gases is wrong."

Reference: Dr. R Lindzen <https://wattsupwiththat.com/2022/12/04/mit-climate-scientist-dr-richard-lindzen-rejects-climate-change-as-a-quasi-religious-movement-predicated-on-an-absurd-scientific-narrative/>

What about scientists' consensus regarding man-made Global Warming crisis?

The stated scientific crisis consensus is misleading; many reputable scientists disagree

There is consensus that temperatures have been and are increasing and that mankind has increased CO₂ levels. However, there is no consensus regarding the degree to which mankind's CO₂ emissions are impacting temperatures or that this is causing a climate crisis.

A large and increasing number of world-renowned scientists speak out against this, including:

Dr. John Christy, Professor of Atmospheric Science, Director of Earth System Science Center, U. of Alabama

Dr. John F. Clauser has degrees from Caltech and Columbia University, a Nobel Prize winner in science

Dr. Judith Curry, climatologist, former chair of Earth and Atmospheric Sciences, Georgia Institute of Technology

Dr. Ivar Giaever, professor emeritus at the Rensselaer Polytechnic Institute, Nobel Prize in Physics

Dr. William Happer, Physics professor Emeritus, Princeton Univ., atomic physics, optics, spectroscopy

Dr. Steven Koonin theoretical physicist and former director Center for Urban Science at New York Univ.

Dr. Richard Lindzen, MIT atmospheric physicist, on the dynamics of the atmosphere and ozone photochemistry

Dr. Patrick Moore, ecologist, UBC, co-founder of Greenpeace

Dr S. Fred Singer, Atmospheric physicist, professor emeritus of environmental science, U. of Virginia

1828+ Scientists sign **World Climate Declaration: THERE IS NO CLIMATE EMERGENCY** stating: i) natural as well as anthropogenic factors cause warming; ii) warming is far slower than predicted; iii) climate policy relies on inadequate models; iv) CO₂ is plant food, the basis of all life on Earth; v) Global warming has not increased natural disasters; vi) Climate policy must respect scientific and economic realities <https://clintel.org/wp-content/uploads/2023/11/WCD-version-111523.pdf>

Many governments are also moving away from or delaying the implementation

What about scientists' consensus regarding man-made Global Warming crisis?

The stated scientific crisis consensus is misleading; the CO₂ Coalition of scientists disagrees

A key player here is the [CO₂ Coalition](#), which includes scientists and researchers from across the globe devoted to educating the public and policymakers about the *benefits* of CO₂. Not only is the naturally occurring substance not a pollutant, but it's in fact the great elixir of life on Earth.

The coalition has a long and copious list of "[facts and data](#)" highlighting the benefits of CO₂ that do not fit in with the narrative of centralized planners in Washington.

The regulatory attack on CO₂ is essentially an attack on humanity itself. Dr. William Happer, a retired Princeton University physicist and founder of the CO₂ Coalition, explains why.

"Carbon dioxide is at the basis of life on Earth," Happer said in an [interview](#) with Freedom Research. "We live because plants are able to chemically transform carbon dioxide and water into sugar and a byproduct is the oxygen that we breathe, and so we should all be very grateful that we have carbon dioxide."

"Life would die without carbon dioxide," he explained.

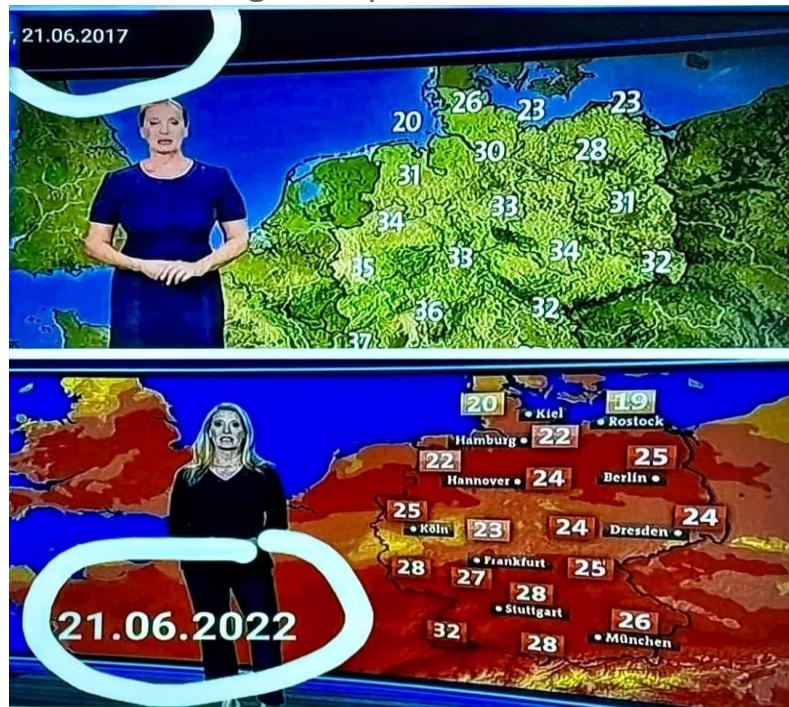
Happer and other members of the CO₂ Coalition view the recent warming trend as a [natural response](#) to planet's emergence from the Little Ice Age beginning in the 1800s. Overturning the Endangerment Finding is a matter of sound science.

- <https://dailycaller.com/2025/04/27/opinion-trump-makes-america-independent-from-the-climate-grift-kevin-mooney/>
- <https://principia-scientific.com/46-climate-change-denying-statements-made-by-former-ipcc-scientists/>

Are warmer temperatures and higher CO₂ levels causing a climate crisis?

The impact of media bias in reporting can be very misleading

- These graphs have similar data from different years gathered from the Government weather stations
- These German temperatures are similar, but the media message signaling is slanted and different.
- The time magazine pictures also show similar biased, sensationalized reporting, overdramatizing reality.



Reference graph from Germany Met.

Global Cooling



Global Warming



Bjorn Lomborg on X: "UN routinely warns us that we have just a few years left until catastrophe: In 1982, Tolba, head of UN Environment Programme told the world that it had just 18 years before an environmental catastrophe as irreversible as any nuclear holocaust <https://t.co/8wyP10fJOn> <https://t.co/zDYD8ldJo5>" / X (twitter.com)

What are the negative implications of pursuing a carbon-neutral policy?

Reducing fossil fuel usage would negatively impact third-world economy Vijay Jayaraj

Access to fossil fuel energy will greatly help 3rd world economies and lifestyles.

In the developing world, climate activism movements, often bankrolled by foreign non-governmental organizations (NGOs), have stalled critical projects across continents. These efforts ignore the human toll of energy poverty: children studying by candlelight, hospitals without power, and economies stunted by unreliable grids.

First, the developing nations should investigate the funding and motives behind climate activism. Who bankrolls these NGOs? Are their campaigns aligned with national interests, or do they serve foreign agendas?

Greenpeace International, for example, has undertaken protests of power generated by fossil fuels and nuclear reactors and of coal and aluminum mining across India, while half of India suffers from unreliable electricity supplies.

Greenpeace leadership enjoys the comfort of an industrial economy but is asking poor people in the Third World to forgo energy abundance and rely instead on useless wind turbines and solar panels and accept generational poverty for the sake of addressing a fabricated climate emergency.

What are the negative implications of pursuing a carbon-neutral policy?

Reducing fossil fuel usage would negatively impact third-world economy Vijay Jayaraj

Access to fossil fuel energy will greatly help 3rd world economies and lifestyles.

Africa, home to over 600 million people with limited access to electricity, stands at the frontline of energy deprivation. Nigeria, Angola, and Mozambique have vast natural gas reserves, yet face continual opposition from international lobbies.

In the Democratic Republic of Congo, one of the world's poorest countries, the non-profit 350Africa.org coordinated demonstrations against oil and gas exploration, mobilizing hundreds of groups. In Uganda and Tanzania, the \$3.5 billion East African Crude Oil Pipeline (EACOP), a lifeline for regional energy, has faced relentless opposition from groups like StopEACOP.

Second, governments must assert authority over energy policy, curbing local states or municipalities that align with crusades against fossil fuels. Many cities across the developing world have designated themselves as Net-Zero entities under an initiative of the World Economic Forum.

It is exasperating to see cities, still struggling to provide basic services for the health and safety of their citizens, are willing to prioritize foolish opposition to rational energy development. It is even more weird that municipal leaders would align with foreign organizations like the World Economic Forum and the United Nations in opposition to their own national interests.

What are the negative implications of pursuing a carbon-neutral policy?

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Third, legal mechanisms should be used to deter frivolous lawsuits and protests.

African nations rich in energy resources could adopt statutes penalizing activism that delays critical infrastructure without evidence of harm, mirroring the U.S. Attorney General's mandate to challenge unconstitutional state and local laws. Such measures would shift the burden onto activists to justify their claims, rather than paralyzing projects by default.

Energy security is national security, and no ideology should usurp that. From Nigeria's oil fields to India's coal mines, national leaders must dismantle efforts to stymie sensible energy use and clear a path for energy abundance and the eradication of poverty.

This commentary was first published at Townhall on April 22, 2025. Vijay Jayaraj is a Science and Research Associate at the CO₂ Coalition, Arlington, Virginia. He holds an M.S. in environmental sciences from the University of East Anglia and a postgraduate degree in energy management from Robert Gordon University, both in the U.K., and a bachelor's in engineering from Anna University, India.

Global Warming and CO₂: The Science

Evaluation Results of Eleven Relevant Questions with research pages referenced

- 1) Is present Global Warming a crisis or a natural phenomenon?

Answer: Global Warming is a natural phenomenon

Present temperature changes are not different from historic temperature changes and the earth is now in one of the coldest periods in its history. There is nothing unusual in today's warming.

- 2) Are warmer temperatures and higher CO₂ levels causing a climate crisis?

Answer: No, warmer temperatures and CO₂ levels are not causing a climate crisis

Forest fires, hurricanes, tornadoes, heat waves, droughts and other weather-related concerns have not increased with recent higher CO₂ and temperature levels.

- 3) Are higher CO₂ levels and warmer temperatures good or bad?

Answer: Higher CO₂ and warmer temperatures are good for humans and plants

Plants and crops benefit and grow better with higher CO₂. Mankind has also done better under higher temperatures.

- 4) Are CO₂ atmosphere levels dangerously high or historically low?

Answer: CO₂ levels are at historically low levels when viewed over geologic time

CO₂ levels have been dropping over the last 150 million years to a recent low of 180 ppm; a further drop of only 30 ppm would have ended all plants and therefore all life on Earth. With mankind's added CO₂ emissions, today's CO₂ level rose to about 415 ppm, which is only 0.0417% of the total atmospheric gas. An optimum level for plants would be between 1,000 to 2,000 ppm, but for humans, serious physiological effects begin above 2,000 ppm.

Global Warming and CO₂: The Science

Evaluation Results of Eleven Relevant Questions with research pages referenced

- 5) What could have caused changes in CO₂ levels over geologic time?

Answer: Natural events have caused changes in CO₂ over geologic time

Cold oceans and plant life absorb CO₂ and concentrated carbon and CO₂ in limestone, coal, oil and gas deposits. Over geologic time, plate tectonics and volcanoes have added CO₂ at much higher amounts than recent mankind-induced CO₂ emissions and with no negative impact.

- 6) Is climate change mainly caused by mankind's emissions of CO₂?

Answer: Mankind has increased CO₂ levels, but this is not causing major climate change

Temperatures and climate changed dramatically and well before mankind's recently added CO₂ emissions. Rates of recent temperature increases, glacial retreats and sea level rise have not changed with recent increases in CO₂. During glaciation periods, CO₂ levels changed after temperature changed and therefore could not be causing these specific temperature increases. Oceans cool then absorb CO₂; oceans warm then release CO₂. NASA states that climate change occurs because of changes in the Earth's solar orbit.

- 7) What is the impact of CO₂ on climate warming?

Answer: Additional CO₂ will have a very minimal future impact on temperature

Mankind added CO₂ has had an impact on temperatures but likely a minor impact overall. Major factors that impact weather and climate include Sun intensity (day and night, seasons), Sun spot activity, ocean currents, clouds, plate tectonics and volcanoes. As CO₂ concentration increases, CO₂ has less and less warming effect; adding more CO₂ has a logarithmically reduced impact.

Global Warming and CO₂: The Science

Evaluation Results of Eleven Relevant Questions with research pages referenced

- 8) Is sea level rise and rate of rise unusual and a major concern?

Answer: Sea level rise has not changed with higher CO₂, isn't unusual and is manageable

Sea levels have changed significantly over the Earth's entire history. Since the last glacial period, the earlier rapid rate of sea level rise has recently reduced as the majority of land ice has already melted. Societies can adapt to the present rate of sea level rise (about 20 cm per 100 years) by implementing managed retreats, accommodating coastal change and protection with sea walls, dune rehabilitation and beach nourishment. There is no evidence that reducing our CO₂ emissions will reduce sea level rise or materially impact temperature.

- 9) What about scientists' consensus regarding man-made Global Warming crisis?

Answer: The stated scientific consensus is false; many reputable scientists disagree

There is consensus that temperatures have been and are increasing and that mankind has increased CO₂ levels. However, there is no consensus regarding the degree to which mankind's CO₂ emissions are impacting temperatures or that this is causing a climate crisis.

- 10) If CO₂ is good and the climate always changes, what about other fossil fuel pollutants and alternative energy adoption?

Answer: Focus on removing the actual pollutants at refinery levels, engine combustion process levels and at coal burning sites for electricity plants – pursue economic, realistic energy transition replacement options, like small nuclear reactors, over time

- 11) What are the negative implications of pursuing a carbon-neutral policy?

Answer: Overall energy supply, plant life, 3rd world economies and their ability to improve, animal life and the environment (land use, etc.) are all negatively impacted.

The data supporting these findings can be seen, by questions, on pages identified

<https://www.dropbox.com/scl/fi/q2iuu6eizwcvdt3nxi32/Climate-Change-Complete-version.pdf?rlkey=sykg63ec1ykffi1jorsk6k8d&st=wI6anuxk&dl=0>;

Global Warming and CO₂ Scientific Videos Worth Watching

1) Dr. William Happer https://youtu.be/pHCCE-sw_Sc <https://youtu.be/PbIYr-KjQVY>

<https://wattsupwiththat.com/2023/09/29/professor-william-happer-ipa-lecture-the-crusade-against-carbon-dioxide-september-2023/>

[\(1106\) Elimination of CO₂ is a suicide pact – Professor William Happer on climate change misconceptions - YouTube](#)

- The world has historically had 4 to 10 times more CO₂ concentrations and is presently starved of CO₂.

2) Gregory Wrightstone <https://youtu.be/aT2SvlAkE5s>; The Climate Crisis Scam

3) NASA Engineer [\(1132\) NASA Engineer Tom Moser Reveals the Truth About Climate Science - YouTube](#)

4) Dr. John Christy Distinguished Professor of Atmospheric Science

[\(11\) \(5124\) Data shows there's no climate catastrophe looming – climatologist Dr J Christy debunks the narrative – YouTube](#)

[John Christy: The Climate Real Deal | Science Matters \(rclutz.com\)](#)

- Shows there is **no climate catastrophe** associated with added CO₂ and associated climate change

5) Dr. R Lindzen [\(170\) Climate Science: What Does it Say? | Dr. Richard Lindzen | EP 320 – YouTube](#)

- Rejects 'Climate Change' as a quasi-religious movement predicated on an **absurd scientific narrative**

[\(2046\) This Well Known Effect Breaks the Climate Narrative - YouTube](#)

[\(1106\) Dr Richard Lindzen exposes climate change as a politicised power play motivated by malice and profit - YouTube](#)

6) Dr. Patrick Moore [A Dearth of Carbon? – YouTube](#) PhD in Environment Co-founder Greenpeace

- Discussion on the **positive environmental impact of CO₂**, which is the fuel of plants and life

7) Dr. Steven Koonin <https://www.youtube.com/watch?v=YXvBdwmxT2c>

- There s no apocalypse climate crisis now or in the future

Global Warming and CO₂

David Attenborough's Climate Change 2007 predictions

David Attenborough: 'Climate Change - Britain Under Threat' 14.01.2007

Predictions for 2020 proven wrong; future forecasts in serious doubt

- 1) Glaciers all around the world are in recession: **Misleading** Glacial retreat has been constant since 1825
- 2) CO₂ highest level in last 600,000 years: **Misleading** CO₂ decreasing over last 150 million years from 2000ppm to present level of 420ppm
- 3) CO₂ is a powerful Greenhouse Gas: **Misleading** CO₂ only 5% of Greenhouse Gas; Ice core data shows that CO₂ increased after temperature increased
- 4) Temperatures have been rising since the Industrial Revolution: **Misleading** as temperatures have been rising at the same rate since last glaciation period and were significantly higher in the last 10,000 years
- 5) Computer models accurately predict future climate: **False**
- 6) By 2020 significantly more floods and Scotland have more prolonged rain, more droughts and heat waves in Southern Britain: **False** Britain weather records
- 7) By 2050 temperature rising by 2.5C and 2080 by 4C: **Highly unlikely** given present trends
- 8) By 2080 sea level up by 75cm or more with a serious flooding risk: **Highly unlikely** given the present trend of 20cm/100 years
- 9) Climate Change is the biggest single issue the human race now faces: **False**, scare-mongering

See the main presentation slides for support regarding rating these claims:

<https://www.dropbox.com/scl/fi/q2iuu6eizwcvdt3nxki32/Climate-Change-Complete-version.pdf?rlkey=sykg63ec1ykvffi1josk6k8d&st=wl6anuxk&dl=0>;

<https://www.telegraph.co.uk/news/2023/08/04/net-zeros-dam-has-burst-but-bbc-is-still-papering-over/>

Global Warming and CO₂

Reference Material

I invite you to look closer at the background reference information and analyses regarding these questions and my answers by viewing the following videos and reviewing the listed reference books.

<https://www.dropbox.com/scl/fi/q2iuu6eizwcvdt3nxki32/Climate-Change-Complete-version.pdf?rlkey=sykg63ec1ykvffi11josk6k8d&st=wl6anuxk&dl=o;>

105 Reference Videos – sorted by topic

i) Climate Change over time and causes of Climate Change

[Graeme Phipps Climate Change Presentation](#)

[Climate Greenland Ice Research – YouTube](#) 1000 years ago was 1.5 C warmer and 2.5C warmer 4000 years ago.

<http://youtu.be/KtjeNvTwYeU> Impact of global factors on climate (eg. Nina and El Nino effects)

[Henrik Svensmark & Nir Shaviv - How the sun regulates our climate](#)

<https://www.youtube.com/watch?v=ftaUJg-ojoo> Dr. Gregory Wrightstone

["Stripes Across My T-Shirt."](#) Current conditions are not unusual except in being abnormally chilly.

<https://wattsupwiththat.com/2023/10/06/nothing-to-sea-here-folks/>

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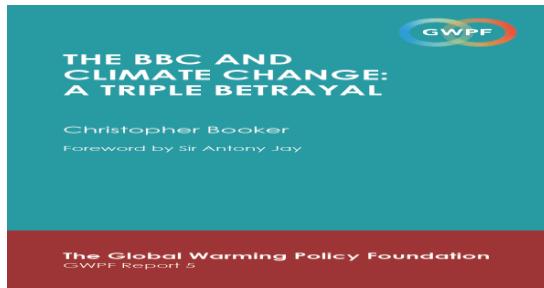
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- **Ron Barmby** Professional Engineer
- **Paul Burgess** BSc, MSc, C. Eng
- **Dr H. Sterling Burnet** Director Arthur Robinson Center Climate and Environmental Policy, editor of Environment & Climate News.
- **Dr. Byron Caplan** professor of economics George Mason University
- **Dr John Christy** professor of Atmospheric Science and Director Earth System Science Centre University of Alabama
- **Roy Clark** retired engineer and climate researcher, Noble Prize for work on Climate Model Errors
- **Dr. John Clauser** [recipient of the 2022 Nobel Prize in Physics](#); degrees from Caltech and Columbia University.
- **Dr. John Constable** Cambridge, Renewable Energy Foundation
- **Dr.Judith Curry** climatologist and former chair of School of Earth and Atmospheric Sciences at the Georgia Institute of Technology.
- **Dr. Hadi Dowlatabad** (UBC) Canada Research Chair, Inst for Resources, Environment & Sustainability,
- **Dr Freeman Dyson** PhD math, physics, Institute for Advanced Study in Princeton.
- **Alex Epstein** philosopher and energy expert, creator of EnergyTalkingPoints.com and Center for Industrial Progress
- **Dr Ivan Giaever** engineer and physicist who shared the Nobel Prize in Physics
- **Tom Gallagher** MSc Geoscientist
- **Steven Goreham** independent scholar, and researcher in energy and environmental policy, engineer and business executive
- **Ken Gregory** B.AppSc, professional engineer

57 Referenced Scientists, Professionals

- **Dr. Ole Humlum** Meteorologist, former Professor of Physical Geography at the University Centre in Svalbard, Norway, and Emeritus Professor of Physical Geography, University of Oslo, Norway.
- **Dr. William Happer** Professor Physics, Princeton University, specialized in atomic physics, optics, spectroscopy
- **Dr. Les Hatten** mathematician, geophysicist, computer scientist, career in weather prediction and climatology
- **Tony Heller** realclimatescience.com
- **Dr. Roger Higgs** geologist **Walt Johnston** geophysicist
- **Vijay Jayaraj** MS environmental sciences U of East Anglia and postgrad degree in energy management from . Robert Gordon University and a Bachelor's in engineering from Anna University India
- **Dr. Steven Koonin** theoretical physicist, former director the Center for Urban Science and Progress at New York U
- **Lord Nigel Lawson** British politician, journalist who served Financial Secretary-Treasurer and Secretary of State Energy
- **Dr Richard Lindzen** (MIT) American atmospheric physicist atmosphere, atmospheric tides, and ozone photochemistry
- **Bjorn Lomborg** visiting fellow at the University of Stanford
- **Dr. Wallace Manheimer** – leading nuclear physicist
- **Dr. Euan Mearns** Geology Honorary Research Fellow at The University of Aberdeen
- **Mark Mills** Energy Expert and Senior Fellow Manhattan Institute
- **Lord Christopher Monckton** Cambridge graduate, journalist and political advisor
- **Patrick Moore** – ecologist UBC, co-founder of Greenpeace
- **Dr. Tom Moser** NASA Engineer
- **Jeremy Nieboer** Lawyer educated at Harrow School and Oxford

57 Referenced Scientists, Professionals

- Dr. Roger Pielke Jr and Dr. M.J. Sangster
- Ian Plimer Geologist
- Kathryn Porter an independent energy consultant, Master's degree in Physics and an MBA
- Lord Matt Ridley a science and environment writer, journalist and businessman
- Lars Schernikau and William Smith
- Michon Scott and Rebecca Lindsey Paper of earth temperature history
- Dr. Nir Shaviv Professor at the Racah Institute of Physics of the Hebrew University of Jerusalem.
- Michael Shellenberger Environmentalist
- Dr S. Fred Singer Atmospheric physicist, emeritus professor of environmental science, U. of Virginia
- Lawrence Solman Executive director of Energy Probe an environmentalist group
- Dr. Willie Soon –Astrophysicist and geoscientist Center for Environmental Research and Earth Sciences
- Jerger Peder Steffensen, Curator Nels Bohr Institute Department of Geophysics
- Ronald Stein Professional Engineer
- Dr. Henrik Svensmark Professor in the Division of Solar System Physics Danish National Space Institute I
- Dr. Van Wijngaarden is a professor in the Department of Physics and Astronomy at York University in Toronto
- Anthony Watts A former television meteorologist and current radio meteorologist
- Dr. Mathew M . Wielcki Earth Science Professor
- Gregory Wrightstone Geologist a Senior Fellow at the Cornwall Alliance, Executive Director CO2 Coalition
- Professor Antonino Zichichi holder of Italy's, Knight Grand Cross of the Order of Merit of the Italian Republic

Research Findings

Biography of Graeme Phipps compiler of this presentation material

- A professional Geophysicist/Geologist and director of 2 oil and gas companies with over 50 years experience in the International oil and gas industry. Graeme has spent 21 years as director of various companies (11 different Boards, 7 public, with roles on Audit, Reserves, Compensation, Corporate Governance, EH&S and Special Committees plus being Chairman of one public company, plus the principal of Phipps and Associates – an oil and gas consulting firm). Graeme was President of CEP International/PetroKamchatka Plc./East Siberian Plc. (2007 – 2020). In 2005, Executive VP of PetroKazakhstan to become President and CEO which was successfully sold for \$4.2B in late 2005. Exploration and International VP for Petro-Canada (2001 -2002) and VP Corporate Planning and VP Canadian Division for Nexen (1994 -2001). Graeme spent his first 20 years (1974 -1994) with Esso Resources and Exxon in technical, operational and management roles.
- Oil and gas experience in the Western Canada Basin, the Beaufort Sea area, the Arctic Islands and off the East Coast in Canada, the Gulf of Mexico USA, Yeman, North Africa, Romania, China, Gambia, Australia, Malaysia, Indonesia, Nicaragua, UK North Sea, Kazakhstan, Russia.
- Consulting and advisory experience (2002 – present) as the principal of Phipps and Associates, an Oil and Gas Executive Management consulting company, plus 5 years experience in Corporate planning: three years as VP Corporate Planning and Business Development at Nexen and two years with Exxon in their NY head office.
- Presently a director Tundra Oil and Gas Ltd and Buried Hill Serdar Ltd. and recently a member of the Public Accounts Committee, Government of Jersey