

September 2019

FoSS MEMBERSHIP QUARTERLY NEWSLETTER No. 63

“Dedicated to Providing Insights into Climate Science and Policies”

PRESIDENT’S MESSAGE

THE GOOD ...

We are proud to announce the addition of [Instagram](#) to our social media presence. Instagram is geared at a different demographic who likely do not receive this letter. Please tell your family and friends to follow us at [instagram.com/fosclimateed/](https://www.instagram.com/fosclimateed/).

Our other platform, geared more to the business community, is [LinkedIn](#) where our following has grown to a very healthy 636 followers. If you are on LinkedIn please follow our page and LIKE our content to share it with your network. This is our social media good news. Now for...

THE BAD ...

Did you notice the negative statements about us on Wikipedia? This page raises the question: “Why would FoSS not clarify these slanderous and incorrect statements?” The simple answer is that our Wikipedia page is not managed by us. We do have the ability to edit it but there are overseers who do not allow us to make any changes. Okay, I know, this is typical conspiracy tin foil hat stuff. So, to support my claim, two weeks ago I embarked on a test. I signed up and proceeded to fix little things: I removed “denial” from the category header “Climate change denial”, added “Society” to our name and changed the abbreviation from FOS to FoSS. Boom, within eight minutes, my changes were undone. Their reason was that my changes were a “Nonsense Point of View”. So, I undid their “undo” and continued editing. Here is a snapshot of my encounter:

- (cur | prev) ● 19:52, 17 September 2019 David Eppstein (talk | contribs) . . (33,008 bytes) **(+793)** . . (Undo **continued whitewash, continued removal of reliable sources, and their replacement by self-serving and unreliable self-published blog sources**) (undo | thank)
- (cur | prev) ● 19:08, 17 September 2019 Bonvi-a (talk | contribs) . . (32,215 bytes) **(+280)** . . (Correcting false statements) (undo)
- (cur | prev) ● 18:57, 17 September 2019 Bonvi-a (talk | contribs) . . (31,935 bytes) **(-681)** . . (removed citations that do not prove big oil funding) (undo) (Tag: references removed)
- (cur | prev) ● 18:50, 17 September 2019 Bonvi-a (talk | contribs) . . (32,616 bytes) **(-392)** . . (Undid revision 916224152 by David Eppstein my edits were corrections not "whitewashing" anything) (undo) (Tags: Undo, references removed)
- (cur | prev) ● 18:44, 17 September 2019 David Eppstein (talk | contribs) . . (33,008 bytes) **(+392)** . . (Undo whitewash of mission statement in infobox; restore source but fix its url) (undo | thank)
- (cur | prev) ● 18:38, 17 September 2019 Bonvi-a (talk | contribs) **m** . . (32,616 bytes) **(-301)** . . (removed incorrect reference to irrelevant Gauntlet article) (undo) (Tag: references removed)
- (cur | prev) ● 18:28, 17 September 2019 Bonvi-a (talk | contribs) **m** . . (32,917 bytes) **(+7)** . . (corrected society name) (undo)
- (cur | prev) ● 18:25, 17 September 2019 Bonvi-a (talk | contribs) **m** . . (32,910 bytes) **(-49)** . . (removed unknown parameter "slogan" from Template:Infobox) (undo)
- (cur | prev) ● 17:08, 17 September 2019 Bonvi-a (talk | contribs) **m** . . (32,959 bytes) **(-7)** . . (including denial in "type" is a biased position) (undo)
- (cur | prev) ● 16:52, 17 September 2019 Bonvi-a (talk | contribs) . . (32,966 bytes) **(-12)** . . (undo)
- (cur | prev) ● 16:50, 17 September 2019 Stephan Schulz (talk | contribs) . . (32,978 bytes) **(+11)** . . (Undid revision 916206955 by Bonvi-a (talk) **Nonsense POV**) (undo | thank) (Tag: Undo)
- (cur | prev) ● 16:42, 17 September 2019 Bonvi-a (talk | contribs) . . (32,967 bytes) **(-11)** . . (undo)

I purposely made small changes and added explanations of why I made my changes; thinking that I could convince them my edits were reasonable. As you can see highlighted in yellow above, I was “whitewashing”, “removing reliable sources” and putting in “self-serving unreliable” material. So there went a couple of hours just to prove a point.

How do we deal with this? At first, all I could think of was that we can’t!

FRIENDS OF SCIENCE SOCIETY

Then, I decided to publish this disclaimer:

Friends of Science

From Wikipedia, the free encyclopedia

Please note this page is not managed by the Friends of Science Society.

Friends of Science (FoS) is a non-profit [advocacy organization](#) based in [Calgary, Alberta, Canada](#). The organization rejects the established [scientific conclusion](#) that [humans are largely responsible](#) for the currently

It lasted all of two minutes! The response was “*um no*” to my “only fair that you allow this disclaimer” explanation. This would be amusing if it wasn’t so dangerous. Your takeaway should be that Wikipedia has become a key component in an Orwellian present day *Ministry of Truth*. This is what we are up against!

AND THE UGLY

Did you know that [369 media entities](#) (24 in Canada) have teamed up with [Covering Climate Now](#) to censor all stories that dare to question anything related to climate change? The partners are committed to emphasizing climate stories. Their goal “to maximize coverage of the climate crisis and its impacts in the lead up to the United Nations Climate Summit on September 23” generated over 135 worldwide articles from September 15 to 23 that pumped their “end of the world” propaganda.

This means that our “independent” media organizations are not so independent. They are pressured by large Environmental Activist organizations to filter out any story not approved by the climate extremists.

Here are the stories this partnership will NOT promote:

- 1000’s Of Prominent Scientists Declare “No Climate Emergency”
- Environment Canada’s Report Used Smoothed Manipulated Historical Temperature Data To Justify The Climate Emergency.
- Environmental Activists Spend Over \$10 Billion To Push Green Agenda – Better Funded Than All Federal Political Parties Combined.
- Climate Models Incorrectly Predict 250% Greater Warming Than Satellite Measured Temperatures Demonstrate.
- Polar Bears Are Doing Just Fine.
- IPCC Focuses On Proving Man Made Global Warming – Disregarding Clear Evidence Our Sun And Cosmic Rays Are The Major Contributors To Earth’s Climate
- CO₂ Is An Odorless Life Giving Gas – Not A Pollutant.



Our journalists are not investigating the facts but are being misled by misrepresentations and propaganda presented by activists pushing the agendas of the green industrial complex.

This is what we are battling. It is time to get involved and make a difference. Please see the Volunteering section below for how you can help. Help us demand open civil debate on climate science and for the policies that are created to solve fictitious man made climatic catastrophes. Let us demand that scientists and economists that disagree with the man made climate change position are permitted the freedom to speak. Let us say “How Dare You?” to climate alarmists. Indeed, how dare they deprive future generations and third world countries the very fuels that have raised billions out of poverty?

Remember, we are focused on being your voice for climate change science and policy. We are fighting an information battle and we make every dollar we receive from you count. We are in this together and more than ever we need your help. We ask you keep repeating our messages whenever and wherever you can. Lastly, please see the fundraising section below for an update on our financial status.

Have a great, rest of 2019 and keep warm, it is going to be a cold winter.

Andrew Bonvicini, P.Geoph.
President, Friends of Science

POLITICAL DEVELOPMENTS

UN Climate Action Summit – September 23, 2019

Last March, UN Secretary General António Guterres sent [a note](#) to world heads of government inviting them to New York for a 2019 Climate Action Summit on September 23rd, “... with the objective of boosting ambition and rapidly accelerate action to implement the Paris Agreement.” By “boosting ambition” he meant asking governments to provide concrete, realistic plans, compatible with the IPCC’s Special Report of Global Warming of 1.5 °C of October 2018, and enhancing their Nationally Determined Contributions by 2020, to reduce greenhouse gas emissions by 45% over the next decade, and to net zero by 2050.

Despite commitments by governments to reduce their emissions, emissions [continue to grow](#). Also, Mr. Guterres [is worried](#) by certain recent events: US intention to withdraw from the Paris Agreement; the last G20 summit watered down a draft statement on climate action; a group of states blocked the IPCC’s report on 1.5 °C of warming at climate talks in Bonn; Eastern European countries continue to block an agreement to reach carbon neutrality in the EU by 2050; all of which threatens the UN’s multilateral order. So he flew to the Pacific and posed knee-deep in an island lagoon for a Time magazine photographer. In the [Time article](#) Mr. Guterres said “*Climate change is for me, clearly an area where the UN has the obligation to assume global leadership.*” The purpose of the summit is not “to convene a conference to come to a consensus on a document,” he said. “*It is to make country by country assume leadership and assume this ambition that is necessary.*”

The Climate Action Summit was made up of [three days of events](#), culminating with the meeting of national leaders on September 23rd. The youth climate summit was on Saturday, September 21st, followed by a meeting of nine coalitions to take stock of their recent work held on Sunday and on Monday they met to finalize details for presentation. The Monday [agenda](#) extended from a 10:00 opening ceremony to Mr. Guterres’ closing remarks at 17:40. It included 103 three-minute speeches by 65 heads of state/government, interspersed with remarks from corporations, sub-national entities, foundations and UN agencies—all grouped under 12 themes. More than 100 countries [had asked to speak](#), but the UN wanted to limit the podium to those whose national plans were the boldest.

Leading up to the summit, 250 news organizations [signed on](#) to promote the “climate crisis.” The organizers of this media effort believe that the press has side lined climate stories because they are “too political or too depressing” and that the press has been “spun by the fossil-fuel industry.” For the big event the UN released two special reports. The first, by the UN’s deputy chief, was [The Heat is On – Taking Stock of Global Climate Ambition](#), revealing that business as usual is not good enough and requires more mitigation, adaptation and finance – all of which must be done quickly. For the second, the IPCC and World Meteorological Organization contributed [United in Science](#) that “*provides a unified assessment of the state of our Earth system under the increasing influence of anthropogenic climate change, of humanity’s response thus far and of the far-reaching changes that science projects for our global climate in the future.*” As expected, on September 20th [hundreds of thousands](#) demonstrators turned out for climate marches in New York and other major cities around the world.

The highlights of the September 23rd session were Greta Thunberg’s emotional [how dare you](#) speech followed by her [intense glare](#) at Donald Trump as he and entourage popped in for a 15 minute visit to the conference. [Joanne Nova](#) stated that Ms. Thunberg “resonated” because she was the only speaker in the room with no responsibility. [DeSmog](#)’s take on the event was: “*Greta’s UN Climate Summit speech successfully predicted more business as usual from world leaders.*” Climate Home News presented a live “as it happened” [summary](#) of the days’ events and their final [assessment](#) of the event was that the UN asked for climate plans and the major economies failed to deliver. For Vox the summit was a [disappointment](#):

- The largest emitters (China, the US and India) did nothing or added very little to their commitments.
- The best news was that 70 countries promised to come up with tougher commitments in 2020, but they account for only 6.8% of global emissions.
- Commitments from other big emitters fell short of even the 2 °C goal and many others are struggling to meet their already weak goals.
- Several wealthier countries announced bigger pledges to the Green Climate Fund.
- Both India and China called for more money from other countries to pay for their climate change mitigation and adaptation work.

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The [UN's press release](#) at the conclusion of the summit was more upbeat, focusing on commitments by sub-national entities and business groups, and finance pledges. It contains nothing about the summit's main objective: to have governments submit plans compatible with the 1.5°C goal. In fact the only instance where "1.5°C" appears in this press release is in connection with a pledge by 87 companies to reduce emissions and align their businesses with that goal. With its current emphasis on climate-related activities by organizations other than national governments, the UN has posted a [Global Climate Action](#) webpage where you can click on any country to access information on what "actors" (cities, regions, companies, investors and organizations) and "actions" are being implemented.

Friends of Science Thanks Elections Canada for Warning on Climate-Change Talk

In the run-up to the October 21st election, Elections Canada [issued a warning](#) that climate change is a partisan political issue because one of the registered parties (People's Party of Canada) has taken the position that climate change is not an emergency, nor caused by humans. This warning means that no one, except a party registered with Elections Canada, can spend more than C\$500 advertising on climate change. Immediately, environmental groups claimed that they were being muzzled.

Friend of Science wrote an [open letter](#) to the Chief Electoral Officer thanking him for recognizing that climate change has become a political issue, while noting the controversial claims by foreign-funded environmental charities. FoSS also referred to a letter from a group of scientists who reject any suggestion that climate change is debatable. Their letter states: "*However, identifying climate change as an issue which could require registration under certain conditions does take a position on climate change. It presents climate change as something about which there is doubt.*" Friends of Science's letter attracted comment by several news organizations, such as the [National Post](#), the [Vancouver Sun](#) and [The Star](#).

Ian Cameron
Director, Friends of Science

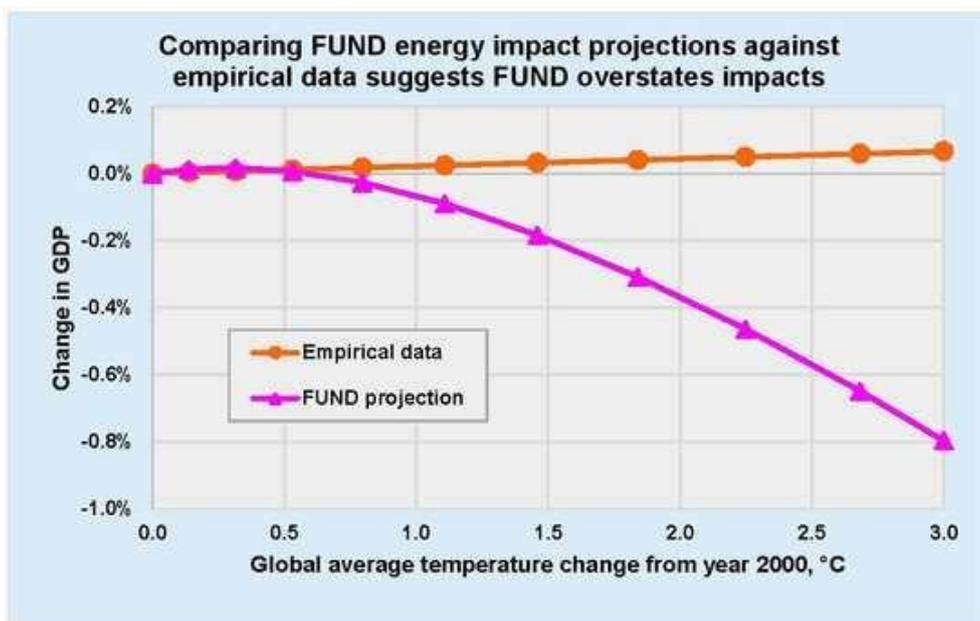
SCIENCE NEWS

Economic Impact of Energy Consumption Change Caused by Global Warming

Peter Land and I published a [research paper](#) in the peer reviewed technical journal *Energies*. Our paper tests the validity of the [FUND](#) model's energy impact functions, and the hypothesis that global warming of 2 °C or more above pre-industrial times would negatively impact the global economy.

FUND is one of the most cited Integrated Assessment Models (IAM). It reproduces the projections from the global climate models and applies impact functions to estimate the economic impacts of greenhouse gas emissions. The negative overall impact projected by FUND is mostly due to one impact sector – energy consumption. Empirical data of energy expenditure and average temperatures of the US states and census divisions are compared with projections using the energy impact functions with non-temperature drivers held constant at their 2010 values.

The empirical data indicates that energy expenditure decreases as temperatures increase, suggesting that global warming may reduce US energy expenditure and thereby have a positive impact on US economic growth. FUND projects the economic impact of energy consumption from 2000 to be -0.80% of GDP, whereas our analysis of the EIA data indicates the impact would be +0.07% of GDP. These findings are then compared with FUND energy impact projections for the world at 3 °C of global warming from



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2000. We infer that the impact of global warming on energy consumption may be positive for the regions that produced 82% of the world's GDP in 2010 and, by inference, may be positive for the global economy. The comparisons suggest that warming may reduce global energy consumption. If FUND projections for the non-energy impact sectors are valid, 3 °C of global warming from 2000, and 4 °C relative to pre-industrial times, would increase global economic growth and be beneficial, not detrimental. In this case, the hypothesis is false and policies to reduce global warming are detrimental to the global economy.

FUND Projections to 2100 with a Realistic Climate Sensitivity

In 2017, I [published](#) estimates of equilibrium climate sensitivity (ECS) based on the energy balance method using empirical data, while accounting for natural warming from 1870 and urban warming. Using Lewis & Curry 2015 and recent aerosol forcing estimates, the estimated ECS best estimate is 1.02 °C, with a likely range of 0.75-1.35 °C (for double CO₂). Using ECS of 1.0 °C and a business-as-usual emissions scenario (A1B-AIM), the [MAGICC](#) climate model emulator shows a GHG induced temperature rise from 2019 to 2100 (81 years) of only 0.86 °C. The FUND economic model with this temperature increase shows the net benefit of warming and CO₂ fertilization, after correcting an erroneous energy impact (as per the above article), from 2019 to 2100 is US\$2.3 trillion (in constant 2018 US dollars). The total increase of global world product over that period is projected at US\$288 trillion. With emissions impacts, global wealth in 2100 of US\$371 trillion would be 4.5 times that of in 2019 of US\$82.9 trillion. The UN's special report on 1.5 °C temperature rise from pre-industrial shows that carbon taxes would need to be US\$4,000/tCO₂ by 2070 increasing to US\$7,000/tCO₂ by 2100 to meet the 1.5 °C target. Our analysis demonstrates that there is no justification for imposing this huge burden on ourselves when emissions benefit future generations.

Changes in US Regional Precipitation on Multiple Time Scales

Ross McKittrick and John Christy published a paper in the Journal of Hydrology, [preprint here](#), that evaluates the US regional precipitation trends. They note that many papers show the precipitation is affected by long-term persistence, meaning that a dry year is often followed by many dry years and a wet year is often followed by many wet years. The trends depends strongly on the start and end years of the analyses. The authors found that the Palmer Drought Index changes for the US southeast and Pacific Coast regions post 1900 are within the range of natural variability. A new database of precipitation over 1901-2017 shows an upward trend that is not consistently significant and the trend largely disappears in the full record from 1872. The trends "*disappear or reverse in the post-1978 portion of the data set, which is inconsistent with them being responses to enhanced greenhouse gas forcing.*" They conclude that natural variability, not greenhouse gas forcing, is likely the dominant driver of changes in precipitation in the US.

No Significant Increase in Major Hurricane Intensity from Sea Surface Warming

Dr. Roy Spencer [compared](#) the 22 major hurricanes that made landfall at Florida since 1871 to the corresponding sea surface temperatures. From 1879 to 2018 the sea surface temperature trend in the region south-east of Florida during hurricane season was 0.019 ± 0.005 °C/decade, or 0.032 ± 0.015 °C/decade from 1950 to 2018. There is a very weak relationship between SST and hurricane intensity of $+25 \pm 29$ km/h/°C of SST warming, which is not statistically significant. The confidence intervals are one standard deviation. Multiplying the larger warming trend by the wind speed change per temperature change gives an intensity change of 0.80 ± 0.98 km/h/decade. That is only an 8 km/h increase in wind speed in a century, which represents only a 2.8% increase of sustained wind speed of a typical category 4 major hurricane by 2100.

Ken Gregory, P.Eng.
Director, Friends of Science

FUNDRAISING COMMITTEE: MEMBERSHIPS AND DONATIONS

You will recall that in June we found ourselves in a financial emergency. At the time we stated we lacked the necessary *funding to operate past November 2019*. Our President presented an ambitious goal to raise donations to cover our entire annual operating budget of C\$150,000 by the time we penned this newsletter.

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We did not reach our target, but we did raise C\$65,741 which as you can see from our Operational funds “fuel gauge” gives us nine months of funding. Huge thank you to all of our donors! We cannot survive without your help.

To be clear this funding will just get us to the end of June 2020. It will not cover the costs we will incur in April for our Spring Speakers Event. We have no intention of closing down and going away. Our ongoing fundraising appeals will remain a necessary distraction for all of us until such time we receive significant long term support.

We are battling well-funded, often foreign or Canadian tax-subsidized, Environmental Nongovernmental Organizations (ENGOs). Most have significantly deeper pocketed support, some into the millions and we take them on with C\$150,000/year from yourself and the rest of our members.

We need you to help us find more members and donors! Reach out to your friends, tell them how much you like our messaging and get them to join.

Contributions can be made at friendsofscience.org by clicking on “*Become a Member/DONATE*” in the upper right of the home page. The PayPal donation link will allow you to pay with your credit card even if you do not have a PayPal account. Should you experience technical difficulties with online processing, please try turning off any ad blocker as this sometimes interferes with the program and we do not have ads on our site. Otherwise if you prefer, you may phone us at 1-888-789-9597 Ext 2 to pay by credit card. Alternately, you can mail donations to Friends of Science at the following address:

Friends of Science Society

P.O. Box 23167 Mission P.O.

Calgary AB Canada T2S 3B1

Toll-Free Telephone: 1-888-789-9597 Ext 2

E-mail: contact@friendsofscience.org

Since you are a member and you are reading this, we make the leap that you believe in what we do and like how we do it. Our call to action for you is to please [pledge](#) an amount then **circulate this newsletter to twenty of your friends** requesting they match your donation and sign up for a membership.

It is critical that we grow FoSS’s ability to get our message out. Times are hard everywhere. Donor fatigue is especially evident this year but we need your help to keep going. Help us solve our ongoing funding challenge.

VOLUNTEERING

Do you want to make a difference? For our voice to continue being heard, we need much more support. We need you! Please email us at contact@friendsofscience.org, put Volunteer in the subject and tell us what you would like to help with. Here are some of the things you could help us with...

Outreach:

Our product is information. We deliver our quality material on a very limited budget by making every dollar count. Often you will see a video or a report with a “call” for a particular governing group to act. Our communication strategy is that we send announcements for these reports or videos to various media, politicians and our membership. We count on our members and other citizens to take our reports and contact their respective politicians. Of course we also hope that the media picks up on a particular topic and promotes it. We do not have lobbyists working for us – we cannot afford them. If you are interested in volunteering to reach influencers, reporters, politicians, schools or other audiences across the country we want to hear from you.

Do you belong to a group that wants to hear a realistic position on climate change? Invite one of our speakers to present at your company, service club, local Chamber of Commerce, or other gathering. Alternatively, you can ask for one of our presentations and present it yourself. We will help you get up to speed on the issues and provide back-up support.



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Many Canadians do not understand the basic issues involving climate change, and simply accept the media's misrepresentations. Real problems related to the environment continue to be ignored in the effort to vilify carbon dioxide and impose veiled consumption taxes on the world. Help us overcome this education problem.

Do you have any other creative ideas for getting our message heard? Contact us.

Fund Raising:

Do you have expertise with running Go-fund-me, Patreon or other online fundraising campaigns? We need your help as we do not know enough about this, especially in regards to non-profit organization and ramifications with the IRS or CRA. Do you have other expertise with fundraising methods you could help us with?

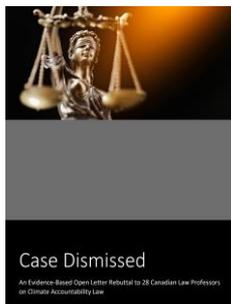
Technical Experts:

Are you tired of reading or seeing scientific gibberish in the main stream media? Are you an accredited scientist and want a platform to speak your mind on climate science? We want to hear from you. We would love to have more science experts to help us with our messaging.

This debate matters, you are making a difference.

MICHELLE'S BREAKING NEWS!

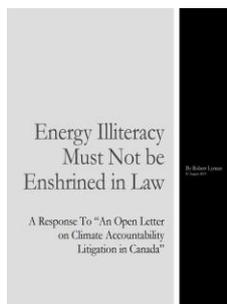
New Reports:



[Case Dismissed](#)

our rebuttal to 28 Canadian Law Professors on Climate Accountability Law.

Law professors want to change laws to allow suing "Big Oil" for climate accountability.



[Energy Illiteracy Must Not be Enshrined in Law](#)

Robert Lyman responds to "An Open Letter on Climate Accountability Litigation in Canada".



[Forget the Dream House](#)

Robert Lyman's explains how Net Zero building code may place house ownership beyond reach of new home buyers.



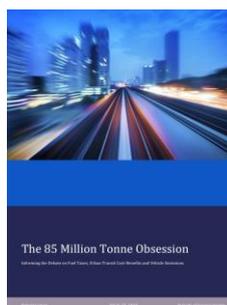
[The Ontario Government Climate Legacy](#)

With the current push for public policy to adopt 'green energy' schemes, Robert Lyman reflects on the Ontario experience.



[Promises vs Performance](#)

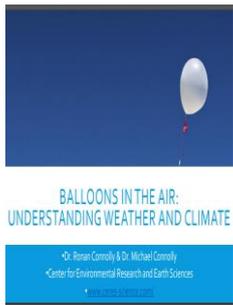
Robert Lyman reviews the world's largest emitters since COP-21, see who is reducing and who is not.



[The 85 Million Tonne Obsession](#)

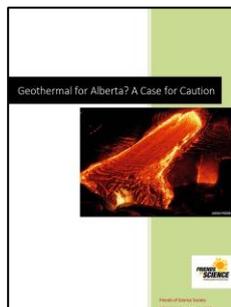
Robert Lyman delves into whether extreme fuel taxes and transportation restrictions will really reduce emissions.

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[BALLOONS IN THE AIR: UNDERSTANDING WEATHER AND CLIMATE](#)

the father and son Connolly team, research colleagues of Dr. Soon, present their critical assessments of much ignored weather balloon data.



[Geothermal for Alberta? A Case for Caution](#)

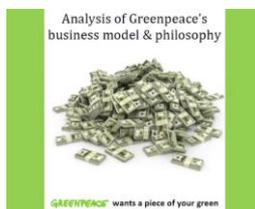
we reissued our 2016 Geothermal report with Ms. May in mind.

Many more reports are summarized here: [A compilation of our all time favourites](#)

And you can find a compilation of Lyman's key Green Agenda [reports on our blog](#).



Some of Our Latest YouTube Videos:



[Dr. Soon's Greenpeace: All Green Cash And Not Very Peaceful](#)



[Dr. Patrick Moore – Green Trade War And Climate Emergency Empty Virtue Signalling](#)



[Friends Of Science Thanks Elections Canada](#)



[No Climate Emergency Say 500 Scientists To UN](#)
[The 500 Scientists](#)



[#Factsmatter - Ask Elizabeth May These Questions](#)

Important Lyman Blog Posts:

- [THE CLIMATE CHANGE POLICY DEBATE: Which Way Is The World Heading?](#)
- [Refuting Claims That Canadian Oil Sands Crude Are Being Fairly Treated](#)
- [The Impossible Logic Chain. Some Things Won't Die...](#)
- [Satirical Briefing for Prime Minister Elizabeth May](#)
- [Elections Canada And Climate – An Open Letter Rebuttal To 352 Scientists And Evidence For Democracy](#)
- [Bullying Institutional Investors – Does It Work?](#)

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Instagram instagram.com/fosclimateed/

Please continue to share our materials by email, social media or in any way you can.