

**September 2021**

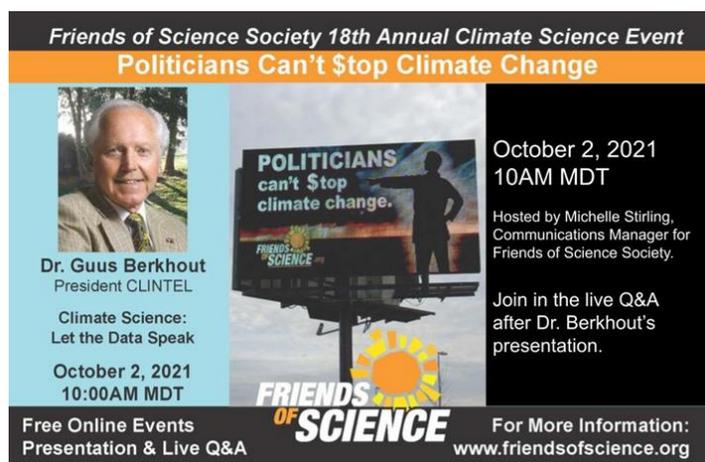
**FoSS MEMBERSHIP QUARTERLY NEWSLETTER  
No. 71**

**Dedicated to Providing Insights into Climate Science and Policies**

**PRESIDENT'S MESSAGE**

**2021 Virtual Speakers Event**

*Friends of Science Society 18th Annual Climate Science Event*  
**Politicians Can't Stop Climate Change**



**Dr. Gus Berkhout**  
President CLINTEL

Climate Science:  
Let the Data Speak

October 2, 2021  
10:00AM MDT

Free Online Events  
Presentation & Live Q&A

October 2, 2021  
10AM MDT

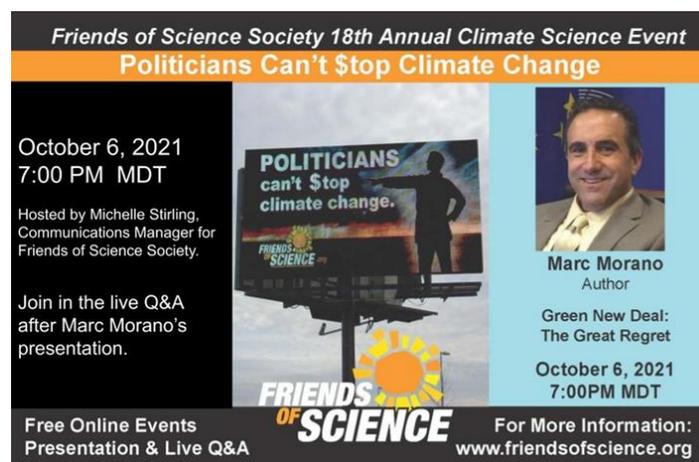
Hosted by Michelle Stirling,  
Communications Manager for  
Friends of Science Society.

Join in the live Q&A  
after Dr. Berkhout's  
presentation.

For More Information:  
[www.friendsofscience.org](http://www.friendsofscience.org)

[Live Stream link for Dr. Guss Bekhout's presentation](#)

*Friends of Science Society 18th Annual Climate Science Event*  
**Politicians Can't Stop Climate Change**



**Marc Morano**  
Author

Green New Deal:  
The Great Regret

October 6, 2021  
7:00PM MDT

Free Online Events  
Presentation & Live Q&A

October 6, 2021  
7:00 PM MDT

Hosted by Michelle Stirling,  
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Join in the live Q&A  
after Marc Morano's  
presentation.

For More Information:  
[www.friendsofscience.org](http://www.friendsofscience.org)

[Live Stream link for Marc Morano's presentation](#)

Our annual event, featuring two excellent speakers, will again be streamed virtually due to health restrictions. Please click on the appropriate Live Stream link above to watch the presentations. Each event will be hosted by our Michelle Stirling starting with a live introduction, followed by a pre-recorded presentation and capped off with a live moderated Q & A with our guest speaker. More details are available on [our site](#). Please help us get the message out by promoting these details with your contacts!

If you are unable to join in to watch the event live, it will be recorded and posted to our [YouTube channel](#).

Our event has never been a fund-raiser but luckily we have been able to run it at breakeven. This year we are funding this completely out of our operating capital which is strictly funded from donations. As of today we have not received any sponsors to help us with the cost of bringing these speakers to you. Our mandate is to share our scientific and economic policy messages widely and affordably. FREE is as affordable as we can do. However this is not free to us. We need your sponsorship to cover the production costs. Your company can help. As a sponsor, your corporation's name will be recognized during the live stream and it will be immortalized on our YouTube and Odysee video platforms. Sponsorship levels are:

- ◆ Gold sponsor for \$10,000
- ◆ Silver sponsor for \$5,000
- ◆ Bronze sponsor for \$2,500

Smaller donations are gratefully accepted. Please contact us at [1-888-789-9597](tel:1-888-789-9597) Ext 2 or email [contact@friendsofscience.org](mailto:contact@friendsofscience.org) for more information. Thank you for your continued support.

**Our ongoing appeal...**

In my May 26, [Should Anyone Have the Right to Strangle Freedom of Speech?](#), appeal I told you we would run out of operational funds at the end of September and in the [June Newsletter](#) I updated you that it was to be the end of January. Today, through the ongoing generosity of our friends, I am glad to report that we will survive to

## FRIENDS OF SCIENCE SOCIETY

the end of March 2022.

I and the entire FoSS board are extremely grateful for the continued financial and moral backing from all of our supporters. It is exasperating that the climate alarmists can say *BOO!* and receive seemingly endless sources of funding. Of course, they have the mainstream media as their fear mongering cheerleaders to reach the general public. We at FoSS are on the right side of this battle, but only have our ~800 strong climate realists that we can reach out to. I know we play the same broken record: *we are turning off the lights, more money came in so we can stay alive a while longer.* Our present funding model is untenable. The status quo makes it impossible to grow this organization. We are relying on a small aging force. Some day, key personnel will no longer be available. We need a succession plan, but we cannot attract young talent if we cannot provide the promise of a stable income. No one wants to work for a company that only ever has three to six months of possible payroll on hand. Many of us toil endless hours for free to keep this Society alive. While I am not looking to be paid, and as directors we cannot be, I want to be able to expand our fight with more paid staff that is focused on the task at hand instead of worrying about the longevity of their paycheques.

Climate alarmists now want to implement regular climate lockdowns because of how well the COVID lockdowns curtailed movement. We at FoSS diligently report on the science, policy, and economics of climate change to chip away at the volumes of misinformation we are continually bombarded with. Below you will see our latest networking statistics demonstrating how much we do with the funds we receive from you. Yet, we need to get louder if we want to get our message out. Please help us by reaching out to friends and family to become members. Please speak with your industry leaders and ask for their support. The more members we have the more reach we will have. We are in this together and we continue to need your financial help.

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

## POLITICAL DEVELOPMENTS

### Will COP26 Flop in Glasgow?

The 26<sup>th</sup> annual Conference of Parties (COP26) under the UN Framework Convention on Climate Change (UNFCCC), having been re-scheduled from 2020 because of COVID, will take place in Glasgow from October 31 to November 12 of this year. The UK, as host for the event, is touting it as the “[world's best last chance to get runaway climate change under control.](#)” It has issued a document [COP26 Explained](#) describing what the COP is all about, in particular the conference's four goals “*What do we need to accomplish at COP26?*” are:

1. **Secure global net-zero by mid-century and keep 1.5 °C within reach.** This means getting the [197 parties](#) (196 states plus the EU) to the UNFCCC, or at least the major emitters, to submit ambitious 2030 emissions reduction targets (Nationally-Determined Contributions or NDCs) that align with reaching net zero by 2050. Under the Paris Agreement NDCs are to be updated in five-year cycles, with the first updates due for COP26.
2. **Adapt to protect communities and natural habitats,** denotes adapting to climate change and making infrastructure and agriculture more resilient.
3. **Mobilize finance,** especially the \$100 billion/year in [climate finance](#), that was promised at COP15 in Copenhagen in 2009 for 2020 from developed to developing countries but was never delivered. In addition, public and private financial institutions are expected to take climate into account in every decision to help transition to the net-zero economy.
4. **Work together to deliver;** finalize the Paris Rulebook, to implement the 2015 Paris Agreement, something that [was supposed to happen](#) at COP24 (Katowice, Poland) in 2018 then at COP25 (Madrid, Spain) in 2019. The Rulebook's purpose is to transform the relatively short Paris Agreement into concrete action around the world. The rules would include specifying how countries plan and implement their NDCs, track and mobilize finance, enhance transparency, and would hold countries accountable for their commitments.

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On September 16, the UN issued its [United in Science 2021](#) report, a collaborative effort by the World Meteorological Organization, the UN Environment Program, the World Health Organization, the Intergovernmental Panel on Climate Change (IPCC), Global Carbon Project, the World Climate Research Program, and the UK Met Office.

These agencies summarized their various messages of urgency and impending disaster into the segmented wheel diagram shown opposite. UN Secretary-General António Guterres added a warning that this report "... is an alarming appraisal of just how far off course we are ... Unless there are immediate, rapid and large-scale reductions in greenhouse gas emissions, limiting warming to 1.5 °C will be impossible, with catastrophic consequences for people and the planet on which we depend."



Not everyone is eager for COP26 to proceed as planned. Climate Action Network International (CAN), which [describes itself](#) as "the world's largest environmental network of over 1,500 non-governmental organizations in over 130 countries fighting the climate crisis", issued a [press release](#) on September 7 calling for COP26 to be postponed. CAN claims that a safe, inclusive, and just global climate conference is impossible, due to the COVID pandemic. This means excluding government delegates, civil society campaigners and journalists from Global South countries that are on the UK's Covid19 "[red list](#)." CAN states that its call to postpone COP26 in no way implies postponement of urgent climate action or a boycott of the climate talks, and it promises to continue to hold accountable "those in power" for their efforts to avert the "worst of the climate crisis." In response, COP26 President, Alok Sharma [pushed back](#), saying that the IPCC's latest assessment report "underlines why COP26 must go ahead this November."

Achieving Goal 1 for the COP depends on all countries' NDCs. However, China and India (first and third among global emitters), as well as 85 other countries [failed to submit](#) new or updated NDCs by the July 31 deadline as required under the Paris Agreement. As of September 17, only 59% of parties to the Paris Agreement, representing 49% of global emissions [had submitted](#) new or updated NDCs. The NDCs submitted so far imply a 16% rise in global emissions by 2030, compared to 2010, and (according to the IPCC) a temperature rise of 2.7 °C by the end of the century.

To get China to cooperate ahead of COP26, US climate envoy John Kerry met virtually on September 1 with China's foreign minister Wang Yi in Tianjin. There, he [was told](#) that prolonged tensions between the world's two major powers make it difficult for them to work together on climate. These tensions include alleged human rights abuses in Xinjiang, the crackdown on freedoms in Hong Kong, and security challenges to Taiwan and in the South China Sea. A [problem](#) for Mr. Kerry is that, following the humiliating US withdrawal from Afghanistan, President Joe Biden and his climate envoy look rather weak. China's state-run *Global Times* thought it "[absurd](#)" that the Biden administration is trying to look righteous and reasonable by separating cooperation on the climate issue from the entire China-US relationship. On September 21 China's top climate negotiator said that Beijing would [release](#) its updated plans "in the near future", potentially before COP26. However, China is reluctant to change the Paris Agreement target of 2 °C to 1.5 °C, though it [will no longer fund](#) coal-fired power plants abroad, it will continue constructing them at home and thus be able to produce and export wind and solar equipment more cheaply than most OECD nations.

For developing nations defining what adaptation (Goal 2) looks like remains "[unacceptably vague](#)" as there is no universal metric to assess resilience to climate impacts. Therefore in July, a group of 100+ nations most vulnerable to climate impacts [published](#) a plan that is strong on easy-to-measure finance, including loss & damage reparations. The resulting document, [A Five-Point Plan for Solidarity, Fairness and Prosperity](#), lays out "five areas in which all governments, especially those of nations that became prosperous through the untrammled burning of fossil fuels, need to deliver on their promises before and during COP26":

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1. Cutting emissions consistent with the 1.5 °C goal, “led by those with the biggest responsibility and capacity.”
2. Adaptation, with financial help to the most vulnerable.
3. Loss and damage for the developed world’s historical failure to cut their emissions adequately.
4. Finance, including at least \$100 billion/year up to 2024 and more thereafter, with half of the funds going to adaptation.
5. Implementation of rules for transparency, carbon trading and common timeframes for accelerating action.

For the first point, cutting emissions, the five-point plan selected five rich countries plus the EU to implement “fair shares accounting in order to take adequate responsibility for creating the climate crisis” as follows:

Country/Group	Emissions Reduction by 2030	How Achieved / Supplemental Finance
United States	195% below 2005 levels	70% domestically, with 125% as finance of \$80 billion/year to developing countries
European Union	65% below 1990 levels	Plus \$33-\$36 billion/year in finance
United Kingdom	75% below 1990 levels	Plus \$46 billion/year in finance
Canada	140% below 2005 levels	80% domestically, with 60% as finance of \$4 billion/year to developing countries
Australia	65%-80% below 2005 levels	Plus \$2.5 billion/year in finance
Japan	45%-50% below 1990 levels	Plus \$9-\$10 billion/year in finance

Regarding point 3, on September 16, the UN Secretary-General [said](#): "I believe that we are at risk of not having a success in COP26. There is still a level of mistrust, between north and south, developed and developing countries, that needs to be overcome." On September 21, a “frustrated” Boris Johnson used his speech at the UN General Assembly to [blast developed nations](#) for lagging on the \$100 billion/year in climate finance to developing countries. In his speech to the General Assembly US President Joe Biden [announced](#) a doubling of his country’s climate finance to \$11 billion/year by 2024 (subject to Congressional approval). At COP26 poor countries will not only want assurance that the \$100 billion/year target will be fulfilled, but will also expect the start of negotiations on a new finance regime for 2025. According to the OECD, climate finance [reached](#) \$80 billion in 2019 (2020 data won’t be available until 2022).

A big sticking point at COP26 will be [carbon trading](#) (point 4) and its associated rules. These are crucial because carbon trading is the only form of commodity trading where it is impossible to establish with reasonable accuracy how much is being bought and sold, where the commodity traded is invisible and where both parties benefit if the quantities traded are exaggerated. It is thus an open invitation to fraud. However, if the alternative means that planes stop flying and ships stop sailing, as the radical alarmists want, then paying untold billions in fraudulent indulgences may be worthwhile.

The prospects for a successful COP26 appear dim, due to the following issues:

- Too many countries failed to submit new and more ambitious NDCs as required under the Paris Agreement, including the number one and three emitters: China and India.
- The conference will again feature irreconcilable differences between developing and developed countries over finance, loss & damage reparations, difficulties attending the COP, and the Paris rulebook.
- The host country is bracing for a “winter of discontent” over [motor fuel shortages](#) threatening [food supply](#), soaring [natural gas and electricity prices](#) as energy companies collapse, [wind power failure](#), and an [anti-green backlash](#) that is reshaping British politics. The Prime Minister, Boris Johnson, [is facing a rebellion](#) of his own party’s MPs who are warning of electoral defeat over his government’s climate policies.
- The European Union is becoming disunited as member countries [struggle](#) to agree on a negotiating position, with unanimous consent, regarding five or ten year periods for ratcheting up NDCs. Across the EU protests [are erupting](#) over increasing energy bills.

Ian Cameron  
Director, Friends of Science

## SCIENCE NEWS

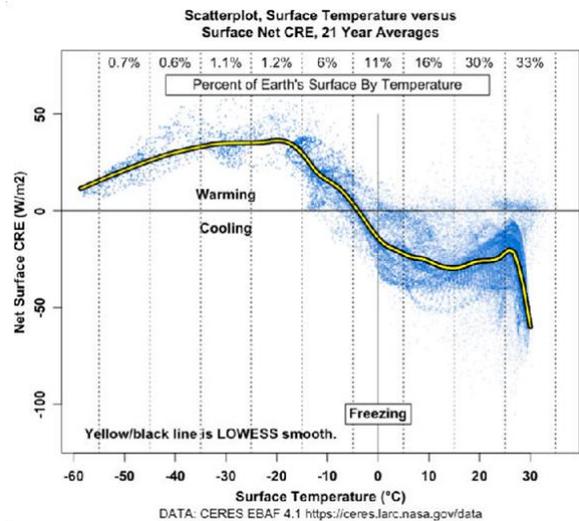
### Uncertain Cloud Feedbacks

The new IPCC's sixth assessment report (AR6) states "The net cloud feedback ... is 0.42 [-0.10 to 0.94] W/(m<sup>2</sup> °C)." Which means that "The net effect of changes in clouds in response to global warming is to amplify human-induced warming." But that is just because climate modelers parameterized clouds to behave that way.

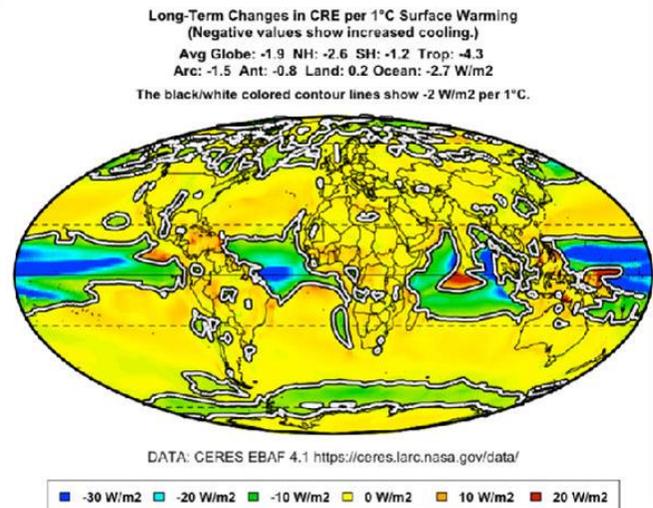
Willis Eschenbach [wrote an article](#) showing that the [CERES satellite](#) data implies negative cloud feedback. He wrote "When it gets warmer in the tropics, cumulus clouds form, reflect lots of strong tropical sunshine back to space, reduce the incoming energy, and thus cool the surface. And if warming still continues, thunderstorms form, which cool the surface in a host of ways." Increasing cloud cover has two effects; they reflect solar radiation which cools the surface, and they absorb and emit long-wave infrared radiation which warms the surface. The sum of the two effects is the "net cloud radiative effect" or "net CRE".

The issue for climate is; "How is the net CRE related to the temperature?"

Willis produced a scatter plot of net CRE versus average temperature of each 1° latitude by 1° longitude grid cell of the CERES satellite-based dataset, using 21-year averages. The slope of the data shows how much the CRE changes per degree of temperature change, which is the net cloud feedback. At temperatures below -20 °C and from 15 to 26 °C the slope is positive. From -20 to 15 °C and 26 to 30 °C the slope is negative. Strangely, Willis didn't calculate the resulting global average net cloud feedback from this curve, so I digitized the curve and calculated the global net cloud feedback of -2.6 W/m<sup>2</sup>/°C. [Excel file [here](#)]



Willis also calculated the net cloud feedback by comparing the CRE at gridcells surrounding each gridcell. He calculates the trend of CRE versus temperature at each gridcell from the 9 by 9 block of gridcells around it. The resulting map shows that the global average net cloud feedbacks is -1.9 W/m<sup>2</sup>/°C. Both methods give strongly negative cloud feedbacks, contradicting the positive feedbacks estimated by the IPCC based on model parameterization. This is an important reason that the climate model simulations forecast an overwarmed Earth when compared to the actual observed measurements.



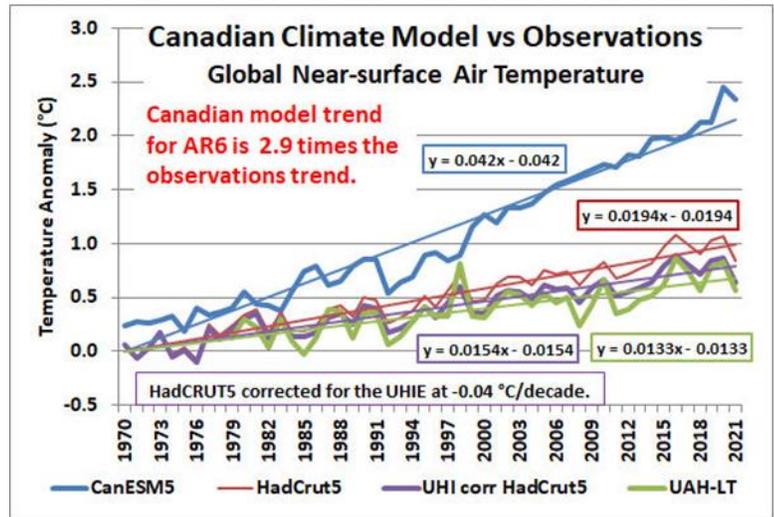
### The Canadian Climate Model Epic Failure

The [Mitchell et al 2020](#) paper examined the tropical temperature trends of models of the Phase 6 Coupled Model Inter-comparison Project (CMIP6) over 1979 to 2014. These new model runs were the basis for the temperature projection in the IPCC sixth assessment report (AR6) which was released August 9, 2021. The paper reports that "the modeled tropospheric trends are biased warm throughout the troposphere (and notably in the upper troposphere, around 200 hPa)." The Canadian model CanESM5 is developed at the University of Victoria. The paper says "We draw attention to the CanESM5 model: it simulates the greatest warming in the troposphere,

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roughly 7 times larger than the observed trends.” The IPCC reported that the older CMIP5 version of the Canadian model (CanESM2) has an equilibrium climate sensitivity (ECS) of 3.69 °C for a doubling of CO<sub>2</sub> which was significantly greater than the average of all the models of 3.28 °C. The cloud feedback was 0.52 W/m<sup>2</sup>/°C.

The new CMIP6 version of the Canadian model (CanESM5) has an ECS of 5.62 °C. [AR6 Table 7.SM.5], which is 149% of the model mean of 3.78 °C. The cloud feedback is 0.88 W/m<sup>2</sup>/°C which is 169% of the previous value and is 180% of the models’ mean. I compared the Canadian model global near-surface trend to the average of the urban-heat-island corrected HadCRUT5 surface dataset and the UAH lower troposphere satellite dataset. The CanESM5 model trend is 2.9 times the average of the actual observed temperatures. A major reason for the Canadian model running so hot is the excessively high cloud feedback being used in the model. The Willis article shows that the cloud feedback is strongly negative.



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

## LATEST NETWORKING / OUTREACH STATISTICS

Websites	~42,000 users with >154,000 views /year
Blog	~30,000 users with >55,000 views /year
Twitter	>187,100 tweets and >37,700 followers
Press Releases	>40 million potential audience per news release
Facebook	33,878 followers
YouTube	>43,700 subscribers for 455 videos with >4.3 million views
LBRY/odysee	107 followers
LinkedIn	2,650 followers
Instagram	>1,000 posts and 199 followers

## FUNDRAISING COMMITTEE: DONATIONS

We are truly thankful for all of our faithful and generous members and financial supporters. Without your consistent support of our organization, we would have failed in communicating with the public a long time ago. After 18 years of providing insights on climate and related energy policies, we find that more and more people finally understand and appreciate our efforts.

We thank all of you who generously responded to our requests for continued support and donations. We clearly can't continue to do this without your help. Your contributions will allow us to continue our ongoing passion and responsibility to communicate the truth.

The world which you leave to your children and grandchildren is in your hands; please be generous to them and the truth.

Friends of Science vows to stay focused on our mandate to publicly communicate the science and the empirical evidence regarding climate change. This year with your generous donations we will continue to produce our popular videos, our many press releases and other communication opportunities including guest speaking at events or attending community gatherings to make our voices heard. We will continue our valuable social media

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outreach, our informational website by relying on many volunteer hours. However, we continue to need more paid support to assist with time consuming proactive research to facilitate participating in more community debates in the face of an ever growing and strong opposition.

In addition to our regular community outreach, we are planning to develop potentially marketable communication packages to fund more billboards and/or media Op-eds. We are hopeful to be able to acquire sponsors for each package. You will of course be kept informed of what these packages will include and ask for any assistance you can provide for directing us towards potential sponsors. You as well, along with a group of other members, may be interested in participating as a sponsor or a shared sponsorship of a package you feel will have noticeable influence in our quest to communicate the truth. It is our intent to solicit sponsors from within the various industries and from interested parties we feel can directly benefit from our outreach or who support what we do.

We continue to believe we need to push back and provide the information the main-stream media chooses to not report. We must not stop communicating empirical evidence and scientific truth. Stopping would diminish our commitment to the freedom and future welfare of our children, grandchildren and those less fortunate than ourselves.

Please share our content (listed at the end of this newsletter) with friends and family and assist us to grow our audience through this sharing and along with your financial support to maintain our two websites ([friendsofscience.org](http://friendsofscience.org) [climatechange101.ca](http://climatechange101.ca)).

Needless to say the months ahead will be some of our greatest challenges with many unknowns as we watch countries across the globe move towards greater totalitarianism.

**Please join the battle in any way you can.**

As you can see our fuel gauge shows operational budget funding that will now take us through March 2022.

**We need you to help us find more members and donors!**

We recognize these are tough times. Nonetheless, we need you to reach out to your friends, tell them the value you receive from our messaging and encourage them to join.

Have you personally considered making monthly contributions to Friends of Science? Setting up your recurring donation only takes a few minutes. Please call us at 1 888 789 9597 Ext 2 to join a growing group of monthly donors.

Contributions can be made at [friendsofscience.org](http://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](mailto:contact@friendsofscience.org)



## MEMBERSHIPS

Thank you to our members for your support and helping your society spread the truth about climate change. Most of our funding comes from our membership; comprised of donations and the modest membership fee.

Without your support, our outreach through our many social media platforms would not be continuing to grow and potentially reach millions of people. 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 or just one of your friends** requesting they match your donation or sign up for a membership.

It is critical that we grow FoSS's ability to get our message out. Times are hard everywhere. We need your help to keep going. Please, help us solve our ongoing funding challenge. If you have constructive comments or ideas which would improve the ability of your society to advance its mandate, we would truly love to hear from you.

## 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 [volunteering@friendsofscience.org](mailto:volunteering@friendsofscience.org), put Volunteer in the subject and tell us what you would like to help with.

**This debate matters, you are making a difference.**

## MICHELLE'S BREAKING NEWS!

### Featured Release – HEAD WIND '21 – another Marijn Poels independent film!

Poels is an award-winning, independent European filmmaker, renowned for producing over 50 films on social justice in conflict and poverty countries, where most people struggled to have enough to eat. He then decided to investigate the paradigms in Climate Change.

Read the [press release](#) about how former green banker Alexander Pohl sought the isolation and beauty of nature in northern Sweden, only to find his 'back yard' was invaded by wind farms...and who was behind it?

[Watch the film](#) and find out.

**We also have his complete trilogy (June, July, September 2020) on climate change and freedom of speech.** To view all three: [MARIJN POELS' DOCUMENTARIES](#) or search for them on our [YouTube](#) site.



### New Reports

“[Fighting Climate Change: Can We Humans Regulate Earth's Climate?](#)”, is a report sponsored by [Canadians for Sensible Climate Policy](#). The report is a concise, plain language read, which covers nine key questions that Canadians have on climate and energy policies, especially the Paris Agreement's potential to be effective in addressing climate and the realities of NetZero targets.

We produced a [short promo video](#) to go with the report, as well as doing a [live stream](#) to discuss the questions and offer some insights.

## FRIENDS OF SCIENCE SOCIETY

### Live Streams!

Friends of Science Society has joined the world of live stream webinars. We find our live streams have a decent following, and for many, walking through a PowerPoint is more informative and user friendly than just reading a report. There is typically a live chat going on throughout the presentation as well. Video, report, and power point are all included in these links:

[“Code Red” Climate Con and Magical NetZero Thinking](#)”, deconstructing the IPCC AR6 report hype and exposing the magical thinking madness of NetZero.

[“Personal Carbon Ration – Are You Ready For It?”](#), our response to the shocking development in the French language online paper “Métro” – journalist Pascal Gaxet advocating for the War Measures Act to address the ‘climate emergency’ and a personal carbon ration.

[Business Leaders have Six Questions on Climate Change](#), inspired by a post by “Scott Adams Says”, this live stream walks through six questions that business leaders have on climate change.

### Special Projects:

[It’s Hockey Stick Season Again](#) and [Extremism and the New Hockey Stick](#) are two videos to expose the ‘Son of Hockey Stick’ graph the IPCC is using again in the latest AR6 report released just prior to the federal election call.

Open Letters and Correspondence with Bank of Canada: At the beginning of August, we had posted an open letter, sent to a number of parties in Canada. [Minister Jonathan Wilkinson’s Call for an Adult Debate on Environmental and Climate Change Policy in Canada-Open Letter](#). We were pleased to receive a short response from Bank of Canada, and responded to their note, asking them to indeed [‘promote the economic and financial welfare of Canada’](#).

### Latest Science contributions to the blog:

[Climate Science on the Blog with Tom Gallagher - Take a Deep Dive into Paleoclimatology](#), get a coffee and some cake and sit back and enjoy these lengthy walks through the paleoclimatology of planet earth! Amazing insights into our awesome planet’s climate history.

### More in the blog:

[Parker Gallant on the Mark “Climate” Carney\(val\)](#), Parker Gallant, former international banker, has written a number of insightful posts about Mark Carney and his various activities as either UN Climate Czar or ESG guru to Brookfield. Michelle asked if she could read a couple of his works on video – amusing if only the outcomes were not so destructive to the middle class and Small/Medium sized businesses of Canada.

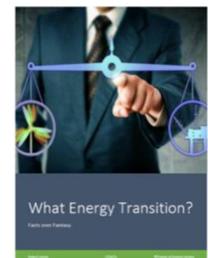
### Latest from Robert Lyman’s Desk:



Image licensed from Shutterstock.

#### [Ottawa’s Climate Policy Vision: A Plan to Give the People What They Don’t Want](#)

Robert Lyman’s report critiquing Ottawa’s climate policy vision – and his title rather reflects the entirety of climate policy in Canada. He writes: Ottawa’s City Council recently approved a Climate Change Master Plan that describes how it will pursue its goal of eliminating the use of oil and natural gas, and the energy services provided by them, by 2050.” That should be nice for residents when winter hits...



#### [What Energy Transition?](#)

According to the British Petroleum Statistical Review of World Energy, in 2019 84% of world energy use was supplied by fossil fuels. Another 11% was supplied by hydroelectricity and nuclear energy, and 5% was supplied by “renewables”, mostly biomass. The non-OECD group consumes two-thirds of the energy and produces two-thirds of the GHG emissions. Moreover, with every passing year, the non-OECD share increases, and the emissions reductions made at great cost by the OECD countries count as a smaller and smaller part of the world total.

## FRIENDS OF SCIENCE SOCIETY

### International Attention for Friends of Science Society:

- Tim Wilms of WilmsFront in Australia invited Michelle Stirling, Communications Manager for Friends of Science, to talk about [wildfires and climate tyranny](#).
- Michelle was also interviewed by historian Dr. Tammy Nemeth for [The Nemeth Report – A Climate Conversation on the IPCC, COP26, and the Net Zero Future](#). Dr. Nemeth has a number of interviews with leading climate and energy realists! Tune in!

### GLOBAL WARNING: Taking the FilmFest World by Storm BUT Ignored by Canadian Media

Mathew Embry's "Global Warning" has been totally ignored by Canadian media. Instead, the feds are implementing a LAW about forcing Canadian content online...

In addition to the May news that "Global Warning" is a Silver REMI Winner - 54<sup>th</sup> Annual WorldFest Houston Int'l Film Festival 2021, the documentary has now been officially selected for the Miami Indie Film Awards.

Watch a [series of interviews](#) with award-winning director Mathew Embry, and watch the sponsored content film "Global Warning" at this ["Video-on-Demand" link](#).



### #KidFriendly #ClimateTales for the Whole Family:

We've produced a few short, fun videos that parents, guardians and kids might enjoy, offering a springboard to discuss your children's perspectives (or fears) about climate change, and a way to talk about natural factors that drive climate change. Our latest video "The Garden Gnome Family Talks About Wildfires" along with all the rest can be found in this [blog post](#).



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### Our full list of social media and web platforms:

bilingual website	<a href="http://climatechange101.ca">climatechange101.ca</a>
climate change library	<a href="http://friendsofscience.org">friendsofscience.org</a>
hugely active Twitter feed	<a href="https://twitter.com/FriendsOfScience">twitter.com/FriendsOfScience</a>
very active Facebook page	<a href="https://facebook.com/FoSClimateEd">facebook.com/FoSClimateEd</a>
many videos and livestreams and now on LBRY	<a href="https://youtube.com/FriendsofScience/videos">youtube.com/FriendsofScience/videos</a> <a href="https://odysee.com/@FriendsOfScience">odysee.com/@FriendsOfScience</a>
blog with reports and articles	<a href="https://blog.friendsofscience.org">blog.friendsofscience.org</a>
LinkedIn page	<a href="https://linkedin.com/company/Friends-of-Science-Society">linkedin.com/company/Friends-of-Science-Society</a>
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