

# **LETTER TO THE EDITOR**

**August 26, 2021**

## **CO<sub>2</sub> falsely accused, once again, by another UN/IPCC report**

This letter is in response to the article by Bill Metcalf entitled "Kootenay climate scientist responds to dire new IPCC report" (Trail Times, August 17, 2021). The Intergovernmental Panel on Climate Change (IPCC) is the United Nations' body for assessing the science related to climate change.

The IPCC has relied solely on computer climate models for its 30-year litany of failed doomsday scenarios. Once again we are being asked to believe another dire forecast "based on better modelling", even though the models are still incapable of describing historical climate changes.

The following facts will allow anyone to judge for themselves the authenticity of the most recent "dire IPCC report". These facts exonerate carbon dioxide (aka "CO<sub>2</sub>", "carbon emission") from all charges of causing the alleged climate crisis but, unfortunately, demonstrate that it is impossible to restore the optimal level of CO<sub>2</sub> for plant growth (0.1%).

### **THE FACTS:**

- CO<sub>2</sub> is a colourless, odourless trace gas (0.04%) that is responsible for greening the planet as a vital component of the carbon cycle.
- CO<sub>2</sub> is as important as water, oxygen, and sunlight in sustaining life on the planet.
- Life is sustained by animals breathing oxygen and by plants 'breathing' CO<sub>2</sub>.
- The atmospheric threshold for terrestrial vegetation is about 0.015% CO<sub>2</sub> while a CO<sub>2</sub>-free planet is a dead planet.
- The primary store of CO<sub>2</sub> is the oceans with two per cent allowed to circulate through the atmosphere, thereby enabling terrestrial plant and animal life.
- The CO<sub>2</sub> store has been severely depleted by natural processes to form sedimentary rocks such as limestone.
- As a result of this ongoing sequestration of CO<sub>2</sub>, the CO<sub>2</sub> content of the atmosphere has been steadily decreasing from a more-than-optimal level of 0.2% during the dinosaur era to the current less-than-optimal level of 0.04%, a five fold decrease.

- When 100 tonnes of CO<sub>2</sub> is emitted to the atmosphere, the increased partial pressure of CO<sub>2</sub> suppresses the outflow from, and increases the absorption rate by, the oceans.
- This redistribution process achieves equilibrium conditions within a few months with and without the participation of the man-made CO<sub>2</sub> molecules.
- The result is an increase of atmospheric CO<sub>2</sub> of only 2 tonnes, not 100 tonnes.
- Accordingly, fossil-fuel emissions will increase the CO<sub>2</sub> level from 0.04% to 0.05% over roughly 1,000 years at current consumption rates.

**THEREFORE:**

- The IPCC's prediction of a 2 degree Celsius increase for a doubling of CO<sub>2</sub> translates into a 0.0005 C increase per year.
- The IPCC's own exaggerated forecast does not support the threat of a CO<sub>2</sub>-induced climate crisis.

Clearly, we must cherish our carbon emissions and allow them to replenish the atmosphere! Otherwise, a real CO<sub>2</sub>-deficit crisis may replace the politically-motivated, imaginary climate crisis.

Thorpe Watson, PhD  
Warfield

The above letter to the Editor is in response to the following article in the Trail Times. The notes in burgundy red are by Warren T. Watson, Webmaster.

The following is retrieved August 25, 2021 from:

<https://www.trailtimes.ca/news/nelson-climate-scientist-responds-to-dire-new-ipcc-report/>

## **Nelson climate scientist responds to dire new IPCC report**

Mel Reasoner says climate predictions are more certain and more urgent than before

BILL METCALFE August 13, 2021 11:00 a.m. LOCAL NEWS TRAIL TIMES

Mel Reasoner has a PhD in earth and atmospheric sciences and his company, Climatic Resources Consulting, provides climate change information to the Columbia Basin Trust, the City of Edmonton, and communities in Nova Scotia, among others. Photo: Bill Metcalfe

**Query: If Mel discovered irrefutable proof that climate change is a hoax, would he change his stance and lose his income? We have seen the proof, so I think it is safe to say that he would not.**

A local climate scientist thinks the latest report from the Inter-Governmental Panel on Climate Change (IPCC) contains the same dire warning we have heard for the past several decades, but it is more confident in its findings.

Mel Reasoner says the report released this month, Climate Change 2021: The Physical Science Basis, tends to use words like “unequivocal” and “undisputed” rather than words the IPCC may have used in the past like “highly likely.”

**So, what does undisputed mean when it clearly is disputed? Answer: People swallow leftist lies regularly and arguments are not listened to in cults. We know he knows of us. He was invited to a climate meeting by East Kootenay MP Rob Morrison. He refused to come to the meeting to talk with us, but he certainly is aware of us, and knows it is disputed.**

For example, the report opens by stating, “It is unequivocal that human influence has warmed the atmosphere, ocean and land. Widespread and rapid changes in the atmosphere, ocean, cryosphere, and biosphere have occurred.”

Reasoner says the report leaves no doubt as to who is responsible for the climate crisis, and he says the technical details and research methods are more sophisticated than in previous IPCC reports.

**Did he consider the report is “highly likely” wrong?**

“The details have been refined and the projections are based on better modelling,” he says. “We have more confidence in what has happened and what we can expect to happen.”

The IPCC is the United Nations body, established in 1988, that assesses the science related to climate change. It will sponsor an international conference, known as COP26, in Glasgow, Scotland, this fall, to be attended by about 190 world leaders.

Reasoner says the report is a clear statement on the reach of climate impacts and extremes, showing that it is affecting every inhabited region of the planet with extremes of weather and climate.

He says the report states that the planet has been hotter in the past decade than at any time in the last 125,000 years, and that this is a result of burning fossil fuels, which has caused Earth to warm by 1.1 C above pre-industrial levels.

We are currently in a cold period, and we are in the cooling phase. The growing season will get shorter and temperatures colder.

Reasoner, who has a PhD in earth and atmospheric sciences, describes that conclusion as “a powerful new statement.”

A PhD in any scientific field could be better qualifications than a PhD held by a person whose livelihood depends on finding climate change is real and causes the sky to fall.

Reasoner’s company, Climatic Resources Consulting, provides climate change information to the Columbia Basin Trust, the City of Edmonton, and communities in Nova Scotia, among others.

The report, which is the first instalment of a three-part document the remainder of which will be published next year, has 234 authors from 66 countries, with another 517 contributing authors. It contains cited references from 14,000 studies.

Is he trying to convince himself as well? Science is not a consensus. The flat Earth consensus is one of many falsehoods we have endured.

The report finds that “unless there are immediate, rapid and large-scale reductions in greenhouse gas emissions, limiting warming to 1.5 C or even 2 C will be beyond reach,” resulting in heatwaves that would affect global agriculture and health.

An increase of 1.5 C is generally seen as the most that the planet could withstand without widespread social, environmental and economic upheaval.

Increasing temperature, in addition to making the world hotter, will lead to more intense rainfall and flooding, changes to global rainfall patterns, sea-level rise, permafrost thawing, loss of glaciers and icecaps, marine heatwaves, ocean acidification and ocean warming, the report states. Some of these changes, once in place, could take decades or centuries to reverse.

Increased temperatures lead to longer growing seasons and less famine. A higher CO<sub>2</sub> level increases agricultural productivity. However, the temperature is currently in a decline. We need 1.5 degrees especially in Winter. Besides, how much temperature reduction will actually result from the measures we take? Is it even measurable?

U.N. Secretary-General António Guterres has described the report as a “code red for humanity.”

“The alarm bells are deafening,” he said in a statement. “This report must sound a death knell for coal and fossil fuels, before they destroy our planet.”

How this fossil fuel reduction will happen is not addressed in the report, which leaves those questions to governments, business, and industry.

Fossil fuels provide cheap energy which raises the standard of living for the world.

“It’s difficult, because when you get into the international relations between governments it tends to be somewhat infantile,” says Reasoner. “One government will say, well, look, (other governments are) not doing this, so I’m not going to do it.”

He would like to see the Canadian government take an international leadership role by eliminating subsidies to the fossil fuel industry.

The subsidies are to electric vehicles and the inadequate energy sources of wind and solar. Yes, let’s end them. The fossil fuel industry is highly taxed. The majority of

the profits from a sold litre of gasoline go to taxes and do not go to the oil companies and the good wages they provide.

“You can quibble about the amount, but it’s not small,” he says, adding that those dollars should go toward creating a low-carbon economy.

And he says the government could lower emissions by scrapping the Trans Mountain pipeline.

Uggh-enemies of fossil fuels are the real enemy and the existential threat.

Does Reasoner think this new report will move governments and industry to work harder at lowering emissions?

“You would think policy-makers would be connecting the dots, and frankly, what’s happening is lip service,” he says, adding that they should be motivated by the flooding in Germany, the wildfires in Greece, and the heatwave combined with wildfires in western North America.

There is no shortage of well-developed ideas on how to transition to a low carbon economy, he says, and governments are aware of them but so far choose not to pursue them.

Because these ideas do not work. They impoverish the economy and eliminate the middle class. Just another tax sends manufacturing elsewhere.

Reasoner expects more intense wildfire seasons in B.C. and continued smoky Kootenay summers, and he’s considering moving out of B.C. to escape it.

“There’s that apocalyptic feeling of looking straight at the sun, an orange ball at noon, and knowing that you’re breathing that stuff. It’s not good to be living in and breathing air that you can see.”

His science cannot convince anyone, so he resorts to scare tactics. Forest mismanagement and the fact that the lumber industry is handicapped are the real problems. Fear is a strong motivator.