



Royal Commission
into National Natural
Disaster Arrangements

Submission Cover Sheet

This cover sheet has been prepared by the Commission's public contact team to accompany a submission.

Person completing cover sheet

1. **Staff member name** [REDACTED]
2. **Date completed** 02.04.2020
3. **This cover sheet has been completed based on:**
 - details contained in the submission
 - a phone call with the person making the submission
 - an email from the person making the submission
 - Other (provide details) -

Submission details

4. **Full name** [REDACTED]
5. **Email** [REDACTED]
6. **Telephone** [REDACTED]
7. **Preferred method of contact** not stated
8. **Is the submission based on:**
 - primarily based on their personal situation.
 - primarily based on their professional knowledge, qualifications or experience, or on behalf of a group or organisation
9. **If the person is making the submission on behalf of a group or organisation, what is the name of the group or organisation:**

If the submission based on personal experience:

10. **What was their personal situation in relation to the 2019-20 Bushfires? Choose all that apply.**
 - were not living in an area affected by bushfire
 - were in an area affected by bushfires but was not evacuated, and didn't suffer personal or financial loss
 - lived in an area affected by bushfires and was evacuated, but didn't suffer personal or financial loss
-

- lived in an area affected by bushfires and was evacuated, and I suffered personal or financial loss
- part of the emergency response as a fire fighter on the ground
- part of the emergency response as an aerial fire fighter
- part of the emergency response as health professional
- part of the emergency response as an Australian Defence Force member
- part of the emergency response as a Commonwealth or State government employee
- assisted the emergency response as a community support volunteer
- assisted the emergency recovery (i.e. after the fire event) as a community support volunteer
- Other

11. Where does the person live:

Local Government Area	Choose an item.
Town name	Taringa
Post code	4068

If the submission is based on professional experience

12. What is your area of expertise? Please choose all that apply.

- Emergency/disaster response and/or management
- Environment/land management
- Land use, planning, building standards
- Impacts of changes in climatic conditions
- Wildlife conservation
- Traditional land and fire management practices of Indigenous Australians
- Community welfare
- Other

All submissions

13. Does the person agree to their submission being published?

- Yes, agree to the submission being published in their name
 - Yes, agree to the submission being published anonymously
 - No, does not agree to the submission being published
-

SUBMISSION TO THE BUSHFIRE ROYAL COMMISSION.

Submitted by [REDACTED] B E (Chem) B Econ.

[REDACTED]. Phone [REDACTED].

Summary. In my submission I have provided factual proof that any reference to climate change in the Terms of Reference should be ignored in your deliberations. No-one has ever provided factual evidence that the tiny amount of carbon dioxide in the atmosphere has the capability of directly affecting the world's climate in any way. My submission contains clear evidence that it cannot. I and many others have tried to get the facts before successive Australian Governments, but no response has been received. It has become a one-sided debate, with activist groups having free rein to misinform the general public, with no come-back by Government.

It is clear that the climate change hoax is being propagated by the United Nations through its Agenda 21 and Agenda 30 initiatives to weaken the world's strong economies and transfer wealth to weaker economies. The UN is now so confident that this initiative is successful that some of its senior executives openly admit it. I give one example of such arrogance.

In this matter, the Australian Government is making no effort to put Australia's interests first, but is instead allowing the misinformation promoted by activist groups, and the United Nations, to go unchallenged. Australia's economy is suffering as a consequence!

CLIMATE CHANGE IS NOT HAPPENING, AND WE ARE WASTING MONEY TO BE PLANNING FOR IT.

Introduction. In resolving any real or perceived problem, It is most important to be fully aware of any assumptions that are being made, or assumed, and that some inherent assumptions may not even be recognised. I support the Royal Commission and respectfully direct your attention to the following excerpts from the Terms of Reference:

Paragraph 3. AND the **changing global climate** carries risks for the Australian environment and Australia's ability to prevent, mitigate and respond to bushfires and other natural disasters.

Paragraph 4. AND recognising that Australia as a nation must take action, including the development and implementation of adaption actions, to address **the consequences of longer, hotter, drier seasons and severe weather events.**

On Page 2, paragraph (b). Australia's arrangements for improving resilience and **adapting to changing climatic conditions**, what actions should be taken to mitigate the impacts of natural disasters, and whether the accountability for natural disaster risk management, preparedness, resilience and recovery should be enhanced, , including through a nationally consistent accountability and reporting framework and national standards;

I would suggest to you that the phrases I have marked in bold type are not backed by hard evidence, and are unjustified assumptions which could influence your report. I note the following:

- When climate change is mentioned, it is assumed without question by all our leading politicians, the general public, the CSIRO, and the Bureau of Meteorology, that the climate has changed because of the increased content of carbon dioxide in the atmosphere. Please note that no-one has ever produced a clear definition of climate change. How long does a particular meteorological condition have to exist before we can recognise it as climate change? I live in Brisbane where the climate records show that serious flooding is a

part of the climate here. This has happened on an irregular basis, but averaging about every thirty years. This would suggest that several decades at least would be required to confirm a real climate change.

Further, no-one has ever put forward **any scientific proof** that carbon dioxide is causing any climate variation. To get to this scientific proof issue, we have to clearly define the problem.

The summary of this issue is: **the gas carbon dioxide, which results from the burning of carbon based fuels, and from all animals breathing out after the carbon based nutrients have been converted to energy, enters the atmosphere. It is a greenhouse gas and therefore will cause warming of the atmosphere, which in turn is now causing dangerous weather events. The conclusion is that only a reduction in the carbon dioxide content of the atmosphere will protect the planet from worsening weather events.** Note that the concentration of carbon dioxide in the atmosphere has risen from 0.03% fifty years ago, to the present 0.04% approximately, which is a tiny fraction.

Given the above definition of the problem, how would a real scientist approach this problem?

.The first thing to do is to produce a graph of atmospheric concentration against the world average temperature. I have found such a graph, and it is included in Attachment A. It shows that there is no significant correlation between these two variables and any scientist would conclude that the level of carbon dioxide is not a determinant of the climate! That should be the end of the story from a real scientist's point of view.

I have also examined the basic physics behind specific greenhouse gases, which concludes that carbon dioxide is such a weak greenhouse gas that it unlikely to have any significant effect. This is in Attachment A as well.

- Relevant to this, I note that no Government since the year 2000 has seen fit to hold an independent inquiry into the role of carbon dioxide, (not carbon, which is a vastly different chemical!) in influencing the climate. I have questioned every Prime Minister and Energy Minister since Tony Abbott and Greg Hunt, as to why this is so, and no-one will answer this question. I have also asked for their proof that carbon dioxide is a climate problem, and I have a letter which simply says that they believe the CSIRO and the Bureau of Meteorology. The CSIRO some years ago, under Larry Marshall's leadership, refused to provide me with any answers on the scientific proof. Last year I sent a similar letter to the current Minister, Karen Andrews, with the same questions. She apparently was not aware of this Government's stalling on this issue, and ordered the CSIRO to write to me.

The CSIRO's letter relied entirely on the joint report by CSIRO and Bureau of Meteorology, **State of the Climate 2018**, with a rider that I was not to pass the letter on to anyone, which I have observed. I found the letter very unscientific, and sent a reply to the author, [REDACTED], and to the Minister, asking for answers to the many questions I have raised in my letter. My letter was dated 8 November 2019, and I have had no reply. My letter is Attachment B.

- In paragraph 3 of the Terms of Reference, the statement "the changing global climate" must be examined. In 2019 Australia experienced acute drought, high temperatures and serious bushfires. At the same time Northern Hemisphere countries experienced unusually cold

weather, not record breaking, but unusually cold and wet. Australia has experienced similarly hot summers over the years. **There is no proof that the global climate is changing.** It's time that logical and evidence-based thinking was adopted in our policy making. Consensus is not always right!

- Similarly, what evidence is there to conclude that from now on summers will be “longer, hotter and drier”? We have had such weather many times over the last century, although this one was a bit worse than any recent summers. The Bureau of Meteorology should be required to justify such a claim with hard facts. At the same time the Bureau should be asked to explain why it altered early 20th century temperatures downward, thus making current temperatures look higher. The Bureau has consistently refused to do this.
- Further on this point of our recent very hot summer, I did hear news reports about the Indian Ocean Dipole causing unusually hot weather from Australia's west, aided by an unusually warm Indian Ocean because of increased undersea volcanic activity, reported by a Chinese research team in the Indian Ocean. The Bureau could be asked to explain this, but I have no hard evidence that this is the case.

Attachment A. The facts set out below are the main part of several letters sent to Australia's leaders in recent months. As has happened for many years now, no response has been made. The last part of this letter sounds a warning. The real situation is that Australia is now conforming to the United Nations directives of Agenda 21 and Agenda 30. I know others have warned our various governments that this is happening. The statement at the conclusion of Attachment A by [REDACTED] explains what is going on – the UN objective is to cripple the wealthy economies as a way of redistributing wealth to weaker economies. In my opinion, the Australian Government's failure to contradict any of the most blatant lies by activist groups over alleged climate change, indicates that the Government wants to head down this path to implement the UN's plans, to Australia's detriment. Most would call this treason!

A simple search of the internet for statements by the UN on climate change will produce further enlightening quotes by other UN executives. Australians are being very naïve, and this Government is relying on that to conform to the UN Agendas, even though they have never been debated in our Parliament.

I hope that this naivety does not extend to the current coronavirus health scare. I have no evidence of fraud here, but some aspects of this scare are supporting the aims of the UN – crippling the big economies much faster than the climate change hoax is doing. I note the following:

- Why was any country creating such a deadly virus?
- Why was this virus being developed in USA, and in 2017 the know-how shifted to Wuhan, along with the Chinese scientists working on this project?
- How exactly was the virus released- by accident or deliberately?
- The proliferation of the virus among cruise ships seems very odd.
- Soon after the Wuhan outbreak, very serious outbreaks occurred in Iran and Italy. How?
- This virus scare has exposed Australia's lack of self sufficiency in industry, as much of our manufacturing capability has been closed or forced overseas by the excessive, and unnecessarily high, power prices.

- After the economy returns to “normal” the Commonwealth and the States will be saddled with crippling debt. The winners will be our banks, which are backed by some of Europe’s big banks, which are heavily supporting the climate change hoax.

I sincerely hope our top Commonwealth police and security experts are alert!

This letter was sent to our leaders and they, with the exception of Minister Andrews, ignored it.

Facts about the climate:

In trying to solve any problem, be it scientific, engineering, social or personal, starting with the facts and defining exactly what the problem is, are always a necessary first step. The nub of the Climate Change issue can be described as follows: The earth is heated by the sun, and radiates some of this heat in the infrared spectrum. Carbon dioxide is a greenhouse gas, that is, it absorbs infrared radiation from the earth. Some of this absorbed radiation is then reflected back to earth, thus raising the average temperature of the earth. The claim is that this raised temperature is causing, and will cause, serious weather effects, resulting in “climate change”.

A few facts:

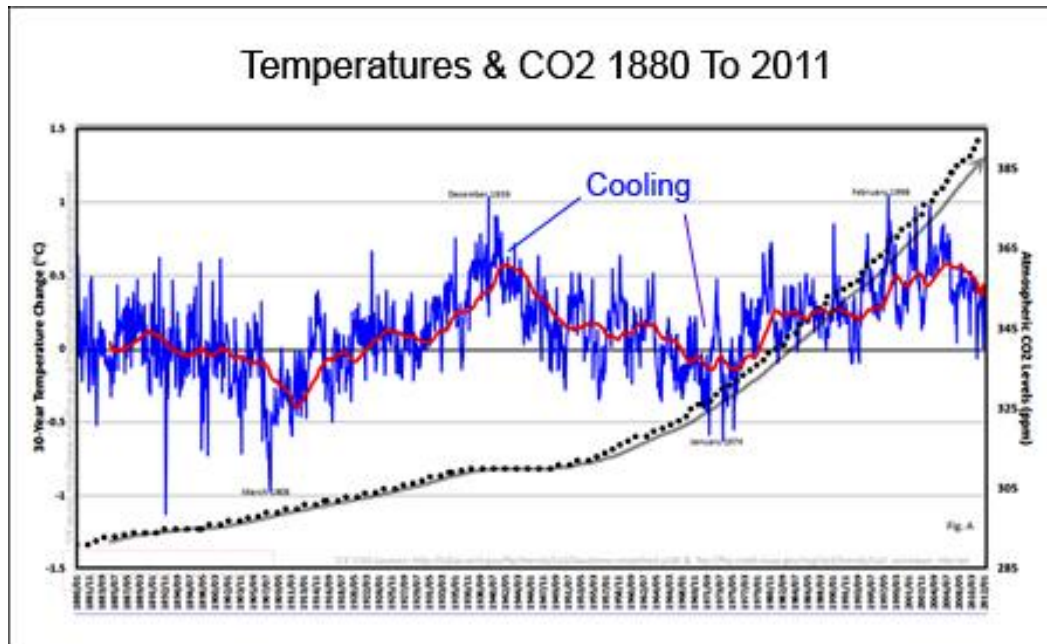
- No-one anywhere has provided scientific proof, that is, hard facts, that carbon dioxide is causing undesirable warming.
- The grand champion greenhouse gas is water vapour. It is a much stronger reflector of radiation than carbon dioxide, and on average is present in the atmosphere at about 60 times the concentration of carbon dioxide.
- The wavelengths absorbed and reflected by water vapour cover nearly all the wavelengths which carbon dioxide can absorb and reflect. Water vapour has already reflected most of the radiation in that wavelength and there is little more that carbon dioxide can do.
- All greenhouse gases have an effect which is logarithmic. In other words the initial presence has the most effect, but as the concentration increases, the ability to absorb and reflect radiation tails off. The alarmists want us to believe that more carbon dioxide absorbs more radiation and causes more warming. This is simply not the case. Once all the radiation at the relevant wavelengths has been reflected, any increase in greenhouse gases can have no further warming effect. There is no “tipping point”, as alarmists would have us believe.
- It is fortunate that greenhouse gases exist because the earth would be a cold place otherwise.

All this is factual, and is consistent with carbon dioxide not being a problem for the climate, **BUT it is not scientific proof.** This is the proof. If carbon dioxide is causing the world’s average temperature to rise, what does the long term relationship of temperature and carbon dioxide concentration in the atmosphere, look like? Anyone can find this graph on the internet.

What does the relationship between atmospheric carbon dioxide and world average temperature look like?

This chart shows the variation over the recent 130 years. **Clearly there is no dependence of temperature on carbon dioxide level.** The coefficient of correlation is far too small to claim any dependence. The red line shows the ten year averaged temperature fluctuation from the mean, which barely shifts by half of one degree from the norm. The carbon dioxide level increase since WW2 is clearly shown, and today's temperature is shown to be the same as it was 70 years ago. The increase in temperature over the recent 30 years is very similar to the increase from early 20th century until about 1945.

Any competent scientist would regard this as clear proof that atmospheric carbon dioxide has no significant effect on warming the earth. The “problem” that we are throwing billions of dollars at does not exist!



The year on year changes for mean temperatures, have been calculated, and then converted any negative values to positive . (This stops negative changes from cancelling out positive ones). Finally a 10 year running average has been added. Figure 1 shows the results.

Over a period of 130 years there is no relationship between temperature and carbon dioxide level. The basic physics has not changed. Any unusual weather event now cannot be attributed to the presence of carbon dioxide. The real question which has to be answered is why do so many people, including our own politicians, refuse to answer any questions about the policy of trying to control the world’s climate? The irony in this situation is that the higher concentration of carbon dioxide in the atmosphere is actually helping the world produce more food. The amazing process of photosynthesis, whereby carbon dioxide, in the presence of water, nutrients and sunlight, is converted into every bit of plant material on earth and in the oceans, is at work. This in turn produces all, not just some, of the food to support every living thing. The recent world grain harvest was a record, and semi-desert areas around the world are greening, a direct result of extra carbon dioxide available to plants.

Some further observations.

This is what a real scientist says using logic and facts:

- Those who maintain that carbon dioxide is causing climate change never offer any hard facts to support this view. Real scientists and engineers put numbers to their assertions.
- The cry used to be “global warming” about ten years ago. When the data clearly showed that the earth was not warming as the atmospheric carbon dioxide content rose, it was changed to “climate change”. This allowed any unusual weather event to be claimed as due to the presence of carbon dioxide.

- We have written to our political leaders over the recent ten years asking two questions: what is your proof that carbon dioxide is driving the climate? And why has no independent and open inquiry ever been held into the role of carbon dioxide in affecting the climate. The questions have been ignored.
- The real issue that our young people should be concerned about is the doubling of electricity prices, which has caused a serious drop in Australia's manufacturing sector as businesses close or relocate overseas. In some cases this relocation is to take advantage of the lower electricity prices based on our coal exports. How clever is that!
- The street marchers are asking Australia to do more to combat climate change. Apart from the fact that carbon dioxide is NOT a threat to the climate, Australia's contribution to carbon dioxide emissions is insignificant compared with the other big economies. How's that for ignoring facts and wanting to damage our economy for no gain whatsoever?
- Australia has wasted billions of dollars on subsidies for renewable energy, and a huge bureaucracy based on climate change. For every tonne of carbon dioxide reduced through this impost on industry and households, our coal exports generate about ten tonnes of carbon dioxide when burnt. Great logic!
- What really is going on? This issue has very little to do with climate change. It is promoted by the United Nations and the IPCC through its "world government" agenda. This can be checked on the internet through Agenda 21 and Agenda 30. It is an attempt to slow down the wealthy economies and promote the weaker economies. I enclose an excerpt from a recent article which explains what is going on!



"We (UN-IPCC) redistribute de facto the world's wealth by climate policy..."
"One has to free oneself from the illusion that international climate policy is environmental policy. This has almost nothing to do with environmental policy anymore..."

-Dr. Ottmar Endenhofer, IPCC co-chair of Working Group 3, November 13, 2010 interview [H/t Dr. Charles Battig]

Attachment B. This is in reply to the CSIRO's explanation of its "science".

██████████, CSIRO

8 November 2019.

Executive Director, Environment, Energy and Resources.

Dear ██████████,

I received your letter recently with some surprise. After about 15 years of writing letters to our various governments, and being totally ignored, it appears that Minister Andrews, Minister for Industry, Science and Technology, has tried to give me an answer to one of my questions. To the question of - *What is your proof that carbon dioxide is causing climate change?*, instead of just saying that we believe the CSIRO, as other Ministers have done, she has asked the CSIRO to give this explanation. Hence my surprise!

Your letter, and the referenced publication State of the Climate 2018, have raised some serious points which I hope you will answer:-

- There is no clear definition of what you would regard as climate change, as distinct from variable weather. I live in Brisbane where a significant part of the climate is a serious flood on an irregular basis but over the long term about every 30 years. On this basis I would expect that many decades would be needed to enable a real climate change to be confirmed.
The data you provided seems to regard even a ten year increase of temperature of a fraction of a degree as climate change. Over the course of recorded temperatures, such variation has been seen fairly often. World average temperature has been changing between half and one degree per century ever since the Little Ice Age which ended in the late 1600s.
How do you define a genuine climate change?
- The long term temperature trend is an important part of the analysis by CSIRO and BoM. A few years ago there was much discussion and consternation about the BoM "adjusting" the early 20 th century temperatures in Australia downwards by about one degree, which meant that the apparent warming trend had been accentuated. Without this adjustment, temperatures now are very similar to those originally recorded temperatures. To give credibility to State of the Climate 2018, this issue needs to be addressed and clearly explained. **If it has been explained I would like to see the reference, please.**
- I was alarmed to see that the greenhouse gases are listed as CO₂, N₂O and CH₄, but no mention of water vapour, which is the most effective greenhouse gas by far. On Page 17 of State of the Climate 2018 - Why are Australia and the Earth Warming? – it is stated that without greenhouse gases the earth would be at about -18° C, but with greenhouse gases it is about 15° C. The report says that CO₂ is the major greenhouse gas, implying that the lift from the low temperature is mostly due to CO₂, making it much more plausible that CO₂ is causing the warming now. Most of that 33 degrees of warming is due to water vapour! (To say that CO₂ is the major permanent greenhouse gas is misleading. While water vapour concentration in the atmosphere is highly variable, there is always much more water vapour than CO₂!)

Given that at any place on earth the heat load to be balanced is affected by the day / night cycle, the temperature probably never really reaches equilibrium, but is always moving towards a balance of heat received and heat re-radiated. A deficit of 0.8 W/m², which needs to be re-radiated, is quoted. My search for data says that total radiation received is about 1000 W/m². Given that radiation rate is proportional to the fourth power of the absolute temperature, an increase of 1 degree should re-radiate about 100 W/m². This seems vastly at odds with the report, and I would appreciate it if your people could clarify the situation. Am I wrong, or are your temperature increases as a result of greenhouse gases much overstated?

Why is water vapour, the most effective greenhouse gas, omitted from the report?

- All greenhouse gases have an effect which is logarithmic, rather than linear, as a function of concentration. The greatest effect is at low concentrations, and the effect rapidly decreases as the concentration rises. This is an important point, often ignored. Also, the wavelengths absorbed and reflected by CO₂ are covered by the range of wavelengths absorbed by water vapour. This means that increasing CO₂ concentration will have negligible effect on temperature rise.

Why has this fact not been analysed and included in the report?

- The basic assumption / hypothesis is that CO₂ content of the atmosphere is increasing, and that this will cause the planet's temperature to rise. The first thing that any scientist would explore is the relationship of world average temperature to CO₂ content of the atmosphere, to see what correlation there is. I have included such an analysis as Attachment A.

This information should demolish completely the basic assumption outlined in the above paragraph. **Why was this relationship not included in the State of the Climate 2018 Report?**

- There is no doubt that all of the CO₂ generated by burning fuels and animal respiration goes into the atmosphere, and that some of this CO₂ subsequently dissolves in the oceans or is taken up by plant growth through photosynthesis. In fact the effect on plant growth has been quite marked, and the greening of much of the earth's semi-desert areas has taken place in recent decades. Crop harvests world-wide have increased as atmospheric CO₂ concentrations have increased. Such changes have a favourable effect on climate.

Why is this point ignored in the Report?

- The State of the Climate 2018 Report claims that the oceans are acidifying. A pH of greater than 8 is hardly "acidic". There appears to be a decrease of the pH but the ocean is a well buffered solution, and it would take a lot more carbon dioxide to get to an acidic state. Also do not forget that the pH scale is logarithmic, just like the warming effect of all greenhouse gases – a drop of one on the pH scale means 10 times the concentration of hydrogen ions. I would suspect that precipitation of calcium carbonate would happen long before acidic conditions were reached. This sounds like deliberate alarmism in the Report. I was also surprised to hear that the ocean levels have risen by 20 cm. I had read that Fort Denison and Fremantle harbour, two of Australia's longest record keepers of sea level, had experienced no change for over 100 years.

Please comment on these two matters, preferably with hard data.

- Page 20 of the Report shows the CO₂ concentrations as measured from ice cores over 800 000 years, and the CO₂ levels in the recent 2000 years. I agree that the recent increase is due to burning of fossil fuels, but where is the relevant temperature graph? The graph in my Attachment includes the temperature graph for a 130 year period, and this shows no dependence of temperature on CO₂ level. The basic physics does not change over thousands of years! You cannot conclude anything from those two graphs, other than that the increased CO₂ concentration is due to burning fossil fuels.
- Future Climate on Page 22 of the Report is simply a projection of current unusual weather, and is based on the **assumption** that CO₂ is causing warming. This assumption has never been proven, and my data says it has no influence on climate. We have seen any number of projections of disaster for the planet based on CO₂ emissions. How many have materialised? None!

Conclusion.

Your letter, and the Report State of the Climate 2018, do **not** provide clear and certain scientific proof that carbon dioxide in the atmosphere is in any way affecting the climate. Much of the Report offers conclusions which simply do not follow on from the data presented, and clearly rely on the underlying assumption that CO₂ is driving the climate.

I hope you can provide answers to my many questions. In your email there was a statement that I am not to share information in your letter with anyone, because it is privileged and confidential. I have observed this, but I have a number of retired engineering friends that would also like to evaluate your response to my letter. **Would this be possible?** We are all only interested in what is good for Australia, and seeing that good science prevails.

Please note that I have sent a copy of this email to the Minister.

With best wishes, [REDACTED] B E (Chem) B Econ