

## 2019 1<sup>st</sup> Edition - “Full Summary of information about Climate Change”

[31 Dec 2019 - General]

### INTRODUCTION = *The Rationale for this publication* - “We **DARE you** to read it all”!

This website provides the visitor, after scenarios and terms are defined and explained, with a series of propositional questions, with brief answers thereto. Where appropriate, further information in comfortable “everyday” language is provided (with links to internet sourced detailed information),.

A separate summarising brochure is available to introduce anyone to REAL FACTS of Climate Change.

BUT, only by reading all of the material below will interested persons be able to gain an overall and comprehensive understanding of the actual relevant issues involved, which then enables them to gain an appropriate understanding of each of those many issue, as well as how all issues inter-relate.

It is the aim of this project to present a dispassionate, honest, and factual summary of the “true science” actually involved - especially as pertains to claims of calamitous anthropogenic (“man-made”) Green House Gas [“GHG”] emissions - being the “issue of this era”, being promoted by the Climate “**Deceivers**” (some call them “*Doomers*”) as the prime cause of “Climate Change” / “Global Warming” / “Climate Emergency” / “Extinction Rebellion” - etc; etc; etc!

It is hoped that readers find this material informative; understandable; and interesting, so that information as they require, and deem relevant, can be readily accessible to share with others - even by readers who are not used to dealing with Scientific Papers (i.e. “Lay” people)!

The presentation format utilised endeavours to “tease” the reader to progress from one issue to the next, so that the reader is encouraged to become fully informed about issues of Climate Change.

First, we attempt to provide readers an understanding of usual terms used in this subject along with vastly varying hypothesis and contentions made by commentators of varying intellect; persuasion; and qualifications about Climate Change related issues.

**Once such terms are understood, then we suggest that it is prudent to *Fact Check* everything you are told - including these notes - in order to get to the truth, as well as to achieve an understanding of that truth that suits your requirement of what you *need to know* into the future!**

The author of this work is convinced that the mass of “Pseudo Scientific” opinion currently promoting Climate Change propaganda around the World - some deliberately deceitfully - MUST eventually come “home to roost” and get found out. Experience of life shows one that time resolves everything! The Deceiver’s calamitous predictions being made now will progressively fail as those predictions are based upon flawed application of Science - BUT they are NEVER ADMITTED (not even apologised for - and in future, just watch “The Spin” deployed by *Deceivers* to deflect their embarrassment). *Nature* will inevitably have its “reality” ultimately imposed.

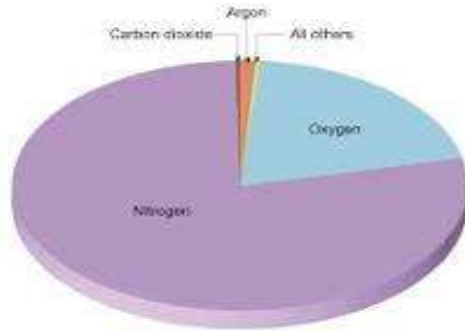
Why can’t Nations and Community Leaders meantime seek personal knowledge (as this work has achieved), and prevent a colossal waste of time; money; and social order to occur, solely because of the belligerence; influence; and political agenda of the Deceivers meantime?

A point MUST be reached whereby the REAL truth of Science will become obvious and prevail, with Planet Earth remaining intact much as it is at present - i.e. much as we know it today, but still in Terrestrial evolution.

**BUT - watch “*the Spin*” invoked by the *Deceivers* when FOUND OUT - especially to avoid blame for flawed science applied; never to apologise; in pursuit of an unrelated, *left-wing* political ideology!**

## Earth's Atmosphere - is composed of the following molecules:

**Nitrogen (78%); Oxygen (21%); Argon (1%);** and then trace amounts of **Carbon Dioxide (CO<sub>2</sub>), Neon (Ne), Helium (He), Methane (CH<sub>4</sub>), Krypton (Kr), Hydrogen (H), Nitrous oxide (N<sub>2</sub>O), Xenon (Xe), Ozone (O<sub>3</sub>), Iodine (I), Carbon Monoxide (CO), and Ammonia (NH<sub>3</sub>).** Lower altitudes also have quantities of **water vapor (H<sub>2</sub>O).**



## “Scenarios” about Climate Change to initially understand -

(Fundamental Facts are highlighted in red print)

### 1. HOW DID CLIMATE CHANGE BECOME A GLOBAL ISSUE?

Canadian-born Maurice Strong\*, the first U.N. Environment Program chief, organized the **Rio Earth Summit** in 1992, which led to the launch of the **U.N. Framework Convention on Climate Change**. He is generally regarded as the “father of U.N. Climate process” by creating the “**Club of Rome**” - amongst a few World Leaders initially - which lead eventually to the establishment and substantial funding [USD\$70 billion] by the U.N. of the very narrowly mandated **U.N. Agency** known as **IPCC** to achieve “**Agenda 21**”’s objectives! **The IPCC, promoted by U.N. as “The World’s TOP CLIMATE BODY”**, is made up only of Environmentalists and Meteorologists, and is NOT mandated to investigate “Natural” occurrences.

“**Agenda 21**” [an objective created by the **Rockefeller Foundation**] is a hypothesis adopted by the U.N. supporting a political concept attainment of “One World Government” to control Global over-population. Then, in December 2015, 197 Nations meet in Paris as a landmark climate summit and adopted the “**The Paris Accord**” - or **COP21**, international treaty. It was subsequently ratified by a net 186 Nations (*not being either China or USA, even though they currently account for +46% of the World’s CO<sub>2</sub> emissions*). It came into force on 4 November 2016. The objective was designed to universally limit greenhouse gas emissions to levels that would prevent global temperatures from increasing more than 2.0°C (3.6 °F) above the temperature benchmark set before the beginning of the Industrial Revolution. This Agreement set out to improve upon and replace the **Kyoto Protocol**, an earlier international treaty, designed to curb the release of greenhouse gases [GHG] and lowered the above temperature level from 2.00°C to 1.5°C.

(\* Christiana Figueres, the head of the U.N. climate agency, tweeted on the death of Maurice Strong, that - “we thank Maurice Strong for his visionary impetus to our understanding of sustainability. We will miss you.” **This is the same Christiana Figueres who sent out a press release in February 2016 saying that “the environmental movement was not about the environment, but it was to destroy capitalism”.** See - <https://www.britannica.com/topic/Paris-Agreement-2015> )

## 2. CO<sub>2</sub> - not a Pollutant; not a Warming Agent - it's The Elixir of Life!

### In brief summary\*, CO<sub>2</sub> is -

- 0.0413% of Earth's atmosphere (being 407.4ppm (parts per million, with error factor of +0.1 ppm.);
- 97% naturally occurring, and
- 3% man-made - i.e. 0.001239% of Earth's atmosphere is man-made by all Nations!
- 0.17% as NZ's emissions contribution of CO<sub>2</sub> to the Earth's atmosphere - i.e. 0.0000021063% ;
- 14% of that 0.17% emissions derived from farmed animals - i.e. 0.0000002949% (which "Deceivers" want reduced to 80% thereof to meet "Paris Accord Targets - 2030", and more by 2050 - REALLY!).

*(More information of CO<sub>2</sub> properties, etc follows later in this summary paper in the section headed - "SPECIFIC PROPOSITIONS CONCERNING CLIMATE CHANGE EXPLAINED" - at approx.. P 20)*

### To illustrate these proportions -

An Olympic Swimming Pool (dimensions - 50m x 25m x 2m deep) contains 2.5 million litres (or 10 million cups [250mls/cup]) of water. If all atmospheric gases were the water in that Olympic Swimming Pool, then -

- Total atmospheric CO<sub>2</sub> of 0.0413% amounts to 1,032.5 litres (4,120 x cups) of that water;
- Man-made CO<sub>2</sub> in the atmosphere amounts to 30.85 litres (123.4 x cups) of that water;
- NZ's contribution as a share of Global man-made CO<sub>2</sub> is - 0.17% of 0.0413% which amounts to 53 mls (3.53 x tablespoons [15mls/Tbls]) of that water;
- NZ's farm animal's contribution is - 14% of 0.17% of 0.0413% of CO<sub>2</sub> and other GHG's, which amounts to 7.4mls (1.5 teaspoons [5mls/tsp]) of that water!
- "Paris Accord Target 2030" require NZ Farmers to achieve GHG emissions to 80% of present [i.e. a 20%

**NOTE -** The cost to New Zealanders to meet Paris Accord Targets in 1st 10 years is +\$30 Billion. "Paris Accord Target - 2050" requires Global temperatures to reduce to 1850's Industrial Revolution levels).

**QUESTIONS -** Is CO<sub>2</sub> a "Pollutant; a "Warming Agent" - OR is it The Elixir of Life?

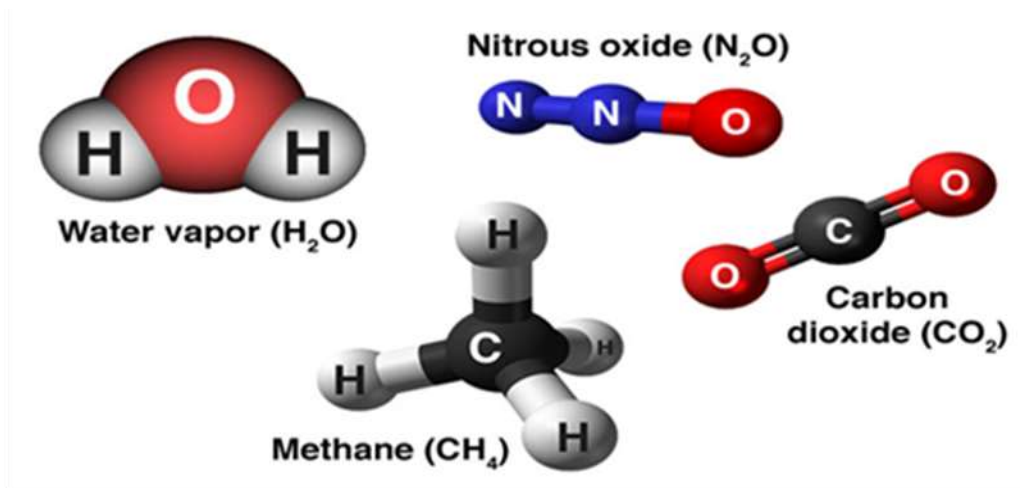
- Are those the amounts in the illustration above likely to cause an emergency (even if CO<sub>2</sub> was problem - which it is not, because all GHG's [incl. CO<sub>2</sub>] are "Ideal Gases" - explained below).

**COMMENT -** The "NZ Climate Science Coalition" have established a fund totalling \$10,000 to be granted to the first applicant to present real-world evidence showing that the man-made fraction of airborne carbon dioxide causes dangerous global warming. So far, the prize has NOT BEEN CLAIMED!

## 2. ABOUT Green House Gases (“GHG”) -

A **greenhouse gas (GHG)** is a gas that absorbs and emits radiant energy within the thermal infrared range in Earth’s atmosphere. GHG’s cause the “greenhouse effect”. The greenhouse effect is the trapping of the sun's warmth in a planet's lower atmosphere, due to the greater transparency of the atmosphere to visible radiation from the sun than to infrared radiation emitted from the planet's surface. Such gases are readily identifiable, in volumes that can be measured rendering them capable of being singled out for particular purposes - including to be taxed by volume! GHGs make up a group of gases that are said to effect Climate Change include: -

- **Water vapor (H<sub>2</sub>O).** *The most abundant greenhouse gas (+96% of all GHGs; 5,000 times more prevalent than CO<sub>2</sub>), but importantly, it acts as a feedback to the climate. Water vapor increases as the Earth's atmosphere warms, but so does the possibility of clouds and precipitation, making these some of the most important feedback mechanisms to the greenhouse effect. (If variation of Water Vapour content in Earth’s atmosphere (temperature driven) means that it can’t be taxed; then certainly “miniscule” CO<sub>2</sub> can’t be accurately measured, and thereby taxed).*
- **Carbon dioxide (CO<sub>2</sub>).** *A minor but very important component [currently approx. 0.0413%] of the atmosphere, CO<sub>2</sub> is released through many natural processes [97%] such as respiration; photosynthesis; decomposition; fermentation; digestion; sun generated burning; and volcanic eruptions and through human activities [“Anthropogenic”] such as deforestation, land use changes, and burning fossil fuels [3%]. Humans have increased [N.B. this is an unsubstantiated claim] atmospheric CO<sub>2</sub> concentration by more than a third since the 1800’s Industrial Revolution began. This is [claimed to be] the most important long-lived "forcing" of climate change [??? - and thereby “hangs the tail”!!!]. See for Prof Emeritus William Happer’s easy to understand explanation about many properties of CO<sub>2</sub>.*
- **Methane (CH<sub>4</sub>).** *A hydrocarbon gas produced both through natural sources and human activities, including the decomposition of wastes in landfills, agriculture, and especially rice cultivation, as well as ruminant digestion and manure management associated with domestic livestock. On a molecule-for-molecule basis, methane is a far more active greenhouse gas than carbon dioxide, but also one which is much less abundant in the atmosphere.*
- **Nitrous oxide (N<sub>2</sub>O).** *A powerful Green House Gas produced by soil cultivation practices, especially the use of commercial and organic fertilizers, fossil fuel combustion, nitric acid production, and biomass burning.*
- **Chlorofluorocarbons (CFCs).** *Synthetic compounds entirely of industrial origin used in a number of applications, but now largely regulated in production and release to the atmosphere by international agreement for their ability [???] to contribute to destruction of the Ozone layer. They are also [regarded as] greenhouse gases.*
- **Ozone (O<sub>3</sub>)** *is also a relatively minor greenhouse gas because it is found in relatively low concentrations in the troposphere (the lowest layer of the atmosphere). In the troposphere, it is produced by a combination of pollutants - mostly hydrocarbons and nitrogen oxide compounds.*
- **Halogens.** *Exist, at room temperature, in all three states of matter: Solid- Iodine & Astatine. Liquid- Bromine. Gas- Fluorine, Chlorine. They are located on the left of the noble gases on the periodic table. These five toxic, non-metallic elements make up Group 17 of the periodic table and consist of: fluorine (F), chlorine (Cl), bromine (Br), iodine (I), and astatine (At).*



A 5th “Greenhouse Gas” is Chlorofluorocarbons [“CFC’s”];

a 6th GHG is Ozone (O<sub>3</sub>);

+ “Halogen” sourced gases - fluorine (F) & chlorine (Cl) - are also regarded as GHGs.

Except for Water Vapour, H<sub>2</sub>O as gas in the atmosphere is the balance of the GHG’s. The other GHGs can each be conveniently measured - which makes them convenient for anyone - including Governments. That makes them “available” to be used for other than “natural” purposes - to be assessed and taxed!

### **3. ABOUT “Ideal Gas” - which includes Green House Gases [“GHG”]; thereby CO<sub>2</sub> - is not a “Warming Agent”, so it does not warm (or cool) Earth’s atmosphere.**

*Albert Einstein in 1917, recorded detailed data and his deductions thereon of his remarkable investigations of the complexities and properties of Green House Gas [GHG] confronting infrared waves (derived immediately from Solar Radiation being converted to infrared radiation as it is reflected off the Earth’s surface). This research of Einstein’s therefore included CO<sub>2</sub> gas.*

*Just as Swedish physicist **Anders Jonas Ångström** (1814–1874) , one of the founders of spectroscopy before Einstein, had also previously found that CO<sub>2</sub> as an Ideal Gas with properties of Thermodynamic Equilibrium (i.e. - maintains spatial uniform temperature, regardless of photon input and output effects, at any elevation in Earth’s atmosphere) cannot, and does not, cause warming effect whatsoever of Earth’s atmosphere at any elevation, because input and output photons from the infrared radiation showed no energy transfer.*

*These recorded findings were recently rendered as “replicable” (another way in the Science World to express - “Peer Reviewed”) by Irish Physicists **Dr’s Rowan and Michael Connolly**. This confirmed the findings made from research and deductions by these earlier physicists’ - i.e. **that CO<sub>2</sub> surrenders and does not cool or warm regardless of its volume, elevation, or any dynamic conditions prevailing. In simple terms, these physicists have been able to prove that CO<sub>2</sub> is not a “Warming Agent”!***

#### 4. NOT all Scientists are qualified to predict Climate outcomes!

What is required, is a scientific qualification that **MUST** include gaining a knowledge of - **“Fluid Mechanics”** (a branch of physics concerned with the mechanics of fluids” - i.e. liquids, gases, and plasmas); and / or

**“Radiation Physics”** (a branch of physics concerned with the transmission of energy)

These 2 x disciplines are essential to any Scientist having a worthwhile scientific qualification to conduct appropriate research, and to make conceivable predictions (if any)!

**4A.** Climate Change issue outcomes should only be made by **“Scientists”** whose qualification has included a study of **“Fluid Mechanics”** or **“Radiation Physics”**. Such limited number of these Scientists include the likes of - **Astrophysicists; Geophysicists; Geoengineers; Chemical Engineers; Marine Engineers; Geologists; and some Chemists; Ecologists; & Astronomers.**

Such Scientists are invariably - quietly dedicated to their endeavours; disinclined to enter debates, and currently experience funding difficulties as their mantra is unpopular within - indeed counter to - the politics of most of their “supporting” Academic Institutions, or commercial interests of their Sponsors. The fact is - they are rarely heard from; but should more often be referred to.

**4B.** BUT - the majority of **“Scientists”**, specialists in their defined endeavours, simply do not have a scientific qualification that includes **“Fluid Mechanics”** or **“Radiation Physics**, and so they are not appropriately qualified to conduct research, and to make fully science-based Climate outcome predictions!

Such Scientists include the likes of - **Biologists; Botanists; Geographers; Meteorologists; Conservationists; Environmentalists; and Anthropologists.**

It is this grouping of variously qualified Scientists that have mainly participated, inappropriately, in the current climate discussion, especially under the auspices of the U.N’s Agency - **“Intergovernmental Panel on Climate Change” [IPCC].**

#### 5. TOTAL FAILURE of OUTCOMES PREDICTED TO DATE -

Not one IPCC or other Climate Change related prediction has yet come to fruition!

Yet -

- **Sea-levels** have not risen (in fact net land area gains in specific locations have been found);
- **Atmospheric temperature** has not risen [in fact 11 x year solar cycle cooling is occurring since 2016];
- **Net Ice-melts of ice-shelves or glaciers** have not been established as a CO<sub>2</sub> emission cause [in fact net ice gains are noted by NASA];
- **Great Barrier Reef** net reduction has been judicially dismissed;
- Claims that an increase in **Droughts and Forest fires** caused by Climate Change is disproven; and
- Reduction of Wild life species numbers (e.g. **Polar Bears**) has been disproven.

In contrast the failed prediction of CFC spray cans being responsible for Ozone Holes in Arctic and Antarctic has been disproven by **“REAL”** Scientists as the chemical reactions required will not occur at the altitudes and atmospheric pressures involved.

## 6. Is the “IPCC” promoted correctly as “The World’s TOP CLIMATE BODY”?

Remarkably, these variously qualified inappropriate Scientists proliferate in the current climate discussion, which some now consider to be no more than misguided propaganda. They promote an incorrect scientific mantra - which importantly preserves for each of them on-going financial “funding streams”; but which even more importantly furthers the political objectives of their supporting Academic Institutions and other Sponsors, especially by way of the U. N.’s “Intergovernmental Panel on Climate Change” [“IPCC”].

This Panel was originally created by the U.N. to be “the world’s top climate body”, but from its inception, it was hopelessly (or was it deliberately) conflicted by its makeup under its “narrow scoped” mandate - to utilise and refer to Scientists only from -

- i. **the World Meteorological Organization** - i.e. weather forecasters [meteorologists], and
- ii. **the United Nations Environment Program** - i.e. environmentalists.

Both these organizations appear to be focused primarily on short-term timescales - days, to maybe only a century or two. However, we should all be concerned with a time-frame way beyond that - i.e. over millennia (because that is the reality of the Universe)!

**The IPCC sets up 2 x unsatisfactory scenarios -**

1. The inappropriate Scientists of these 2 x constituent inappropriate organisations are repeatedly utilising “**flawed modelling**” because of their knowledge deficit (i.e. devoid of the pre-requisite knowledge of “Fluid Mechanics” and “Radiation Physics”). To date, **that knowledge deficit has meant that not one of their predictions have yet come to fruition, and won’t, no matter how much longer those predictions are allowed to persist.**

**Meantime, until the Climate mantra reflects the real science, this knowledge deficit will regrettably prevail, and the false predictions will continue. The trouble is, Politicians around the World - including NZ - follow the reported predictions promoted in the IPCC annual reports to the exclusion of all else!**

2. The other significance is with the **Panel’s mandate, requiring the IPCC - only to focus on “a change of climate which is attributed directly or indirectly to human activity that alters the composition of the atmosphere, and which is in addition to natural climate variability”.**

So, if the IPCC found that climate change was not being affected by human alteration of the atmosphere, or that it is not “dangerous”, there would be no need for them to exist.

**IPCC Mandate therefore leaves no room for a contention that “Climate Change” is a product of natural phenomena** - such as attributes of the Solar System. Rather, they just “assume” CO<sub>2</sub> emissions are the “culprit”. No science is provided anywhere by them that CO<sub>2</sub> actually achieves the results ascribed to it by them (and now we know that CO<sub>2</sub> is an “Ideal Gas” with no warming capabilities)!

**The relevant commentary about the IPCC now invariably concludes that the IPCC are virtually mandated to find on the side of “apocalypse”.**

**This policy is a BIG MISTAKE, which will ultimately cost Nations \$Billions (if not \$Trillions)!**

## 7. The Financial Reality of NZ agreeing to be bound to the Paris Accord.

*Every New Zealander's commitment from 01 January, 2020 for at least the next 10 years (now legislated – "Climate Change Response (Zero Carbon) Amendment Act" 2019) - for "Emissions Trading Scheme" Tax {"ETS"} will be +NZD\$ 50 Billion over that period to the Paris Accord's "Green Climate Fund" - solely for the sake of "blameless" CO<sub>2</sub> emissions (i.e. +NZD\$6,500.00 p.a. per household, or +NZD\$1,500.00 p.a. per person - as well as NZ's ANNUAL GDP will be reduced by +\$50 Million). Thereafter, the liability is currently unknown as it depends upon -*

- i. all Countries continued payment commitment of ETS to the Paris Accord's "Green Climate Fund" for its "Carbon Target" set;*
- ii. Carbon emission costs remaining at current rate of USD\$50.00 per tonne; and*
- iii. Paris Accord "Target" remaining at the same Target Levels! (Left politics "greed" could lower the target at any time to increase ETS payable).*

*Personal liability will impact - either in individual's pockets; or by way of increased indebtedness of each Country - which needs repayment somehow, sometime into the future.*

*The U.N. Environmental Agency recently made the following prediction concerning CO<sub>2</sub> Global emissions (as reported on BBC World News on 27 Nov 2019) -*

*If the present international rate of man-made CO<sub>2</sub> emissions continued at the current rate, the World's CO<sub>2</sub> emission's will have increased to excessive CO<sub>2</sub> atmospheric levels by 2050 by more than 5 x times the Paris Accord "Target" for 2050 (which were set to contain Global Warming to within 1.5°C of atmospheric temperatures from Industrial Revolution times [circa 1850's]).*

*To achieve such a "Target", immediate drastic action is being stated to be required to be effected by all Nations of an average of +7.6% p.a. reduction of man-made CO<sub>2</sub> emissions, to be achieved over the next 10 years from 01 January 2020!*

*Deceivers claim that unless that reduction was achieved, then there would result a calamitous outcome for the Globe. (N.B. - NZ's contribution being an insignificant 0.17%p.a.).*

*If that is so; and if CO<sub>2</sub> emissions are a real contributor to Climate Change, then within 30 years (may be a lot sooner) we will all soon see if this prediction, and thereby the current mantra around CO<sub>2</sub>, is actually happening; or if indeed CO<sub>2</sub> emissions are a "hoax".*

## 8. Paris Accord's Green Climate Fund Financial realities for NZ farmers.

*NZ Farmers and other Rural Owners / Workers now have an unfair annual tax to pay for net excess GHG emissions ("ETS" - which will apply to them from 01 January 2020, pursuant to NZ Government legislation already passed; "capped" at \$25.00 per tonne; proposed to be raised to \$50.00 per tonne).*

**NOTE - NZ Farmers cannot claim GHG [CO<sub>2</sub>] emission credits for the CO<sub>2</sub> sequestered [absorbed] by their pasture grass, vines and trees (through photosynthesis absorbing CO<sub>2</sub> as part of its process) to counter their animal natural emissions of gas from their animals farting and belching; from fertilising; and from other normal farming operations.**

*Explanation - An emissions trading scheme ("ETS") is a tool that puts a quantity limit and a price on emissions. Its "currency" is emission units issued by the government. Each unit is like a voucher that allows the holder to emit one tonne of greenhouse gases (currently capped at \$25.00 per tonne). In some cases (e.g. fossil fuel producers and importers), liable entities are not the actual emitters but they are responsible for the emissions generated when others use their products.*

*How ETS works, see - <https://www.stuff.co.nz/environment/climate-news/115310076/climate-explained-how-emissions-trading-schemes-work-and-can-they-help-us-shift-to-a-zero-carbon-future>*



## 9. Paris Accord's Green Climate Fund realities for NZ resources exported.

*Coal; Natural Gas; High Grade Oils; and logs are substantial NZ "raw" resources exported because the World is in need of these. It is suggested that such "raw" resources, although exported, should still be subject to carbon emission liabilities ("ETS") paid by the original exporting Country. This would mean that Countries like China, who are currently exempt ETS liability, but use huge volumes of NZ coal to support its economic activities (2<sup>nd</sup> largest Global Economy) would have us pay their ETS!!*

## 10. Since Industrialisation in 1850's in UK, the Earth's atmospheric temperature has risen by less than 1°C.

*However, none of that atmospheric temperature increase can be directly and definitively proven to be as a result of any man-made [anthropogenic] activities.*

## 11. Solar Radiation Phases have many effects on temperature; volcanic activity; magnetism; earth-quakes; and radio communication waves.

*Solar Radiation science is not fully understood; but NASA's "Parker Module" currently orbiting the Sun is significantly assisting that learning. Already, NASA is predicting that the current Solar Cycle - "No 26" - is the weakest cycle yet. This "New Science" is in it's infancy - but will be greatly increased and enhanced by NASA's "Parker Module" currently orbiting the Sun until 2025. Any Climate predictions MUST take solar and any other radiation into account.*

## 12. Environment and Conservation [Pollution] have no relevance to Climate Change!

*It is necessary to differentiate always between these quite different issues. Care of the "Environment" and exercising widespread "Conservation" involves Science that is distinctly different from the Science involving Climate Change. Pollution and other environmental issues remain of great concern - **BUT NOT RELATED TO THE SCIENCE INVOLVED WITH CLIMATE CHANGE!***

## 13. The "Science is NOT Settled" - nor is Planet Earth's Climate!

***The Science** is never "settled", according to all REAL Scientists.*

*Particularly monitor closely what your children are being indoctrinated with at School by teachers; by other 3<sup>rd</sup> party influences; and Social Media - especially when they are not directly in your care. Like it or not, "FAKE NEWS" has suddenly become a part of 21<sup>st</sup> Century reality - which needs addressing by each and every one of us, no matter how old; what creed or race; or what religion or politics we each adopt. No longer can anyone sensibly take as "gospel" what is presented for consideration. Rather every one of us needs to apply an "open mind" to any issue - whether in respect of tradition or innovation. By doing so, at least 3<sup>rd</sup> party influences and misguided predictions would be overcome! **The Climate** is, and always has been, "dynamic". It has regional and era variations - since Planet Earth began 4.5 billion years ago. Those variations are not an indicator of Global "Climate Change"!*

#### **14. 97% of all scientist believe in man-made Climate Change -**

*That is a statistic manipulated by some scientists who have an ulterior political motive, and was deceitfully based upon a selective group of Scientists by Prof Stephen Henry Schneider (Ph.D. in mechanical engineering and plasma physics; Professor of Environmental Biology and Global Change at Stanford University; a Co-Director at the Center for Environment Science and Policy of the Freeman Spogli Institute for International Studies; a Senior Fellow in the Stanford Woods Institute for the Environment Stanford University, USA; an advisor to many US Presidents [incl. Reagan and Obama]; and a co-author of the "narrowly scoped" IPCC Mandate). He made an arbitrary, purely self-serving, guess - utilising statistical data concerning a limited group of multi-qualified Scientists that he was connected with - mainly meteorologists and environmentalists - which is discussed under "SPECIFIC PROPOSITIONS CONCERNING CLIMATE CHANGE EXPLAINED" (Item "4" below). His scientific appreciation limitations (perhaps too, his political bias) are reflected in any of his influence exerted in the drafting that IPCC Mandate, which has included only Meteorologists and Environmentalists.*

*TECHNOCRACY NEWS in December 2019 published an article headlined - "Climate Scientists Write To UN: There Is No Climate Emergency" - and reported "A group of 500 esteemed scientists and professionals in climate science have officially notified the U. N. that there is no climate crisis and that spending trillions on a non-problem is 'cruel and imprudent'. No comment or response resulted!*

#### **15. Renewable energy (from water; wind; and solar) to generate electricity is comparatively costly (esp. wind and solar) and unable to satisfy requirement.**

*Operational costs and dependability based on weather are, and remain, problematic. The disposal of both the expired lithium batteries (required for the storage of the electrical energy generated) and used (redundant) wind blades is a huge unsolved issue - but never mentioned, let alone admitted to! Nuclear generated energy, utilising 21st Century technology, is now safe and appropriate to start developing (as France has done for +75% of its electric power requirement - compared with Germany's similar energy requirement, by way of Renewables, but at 4 x times France's cost).*

#### **16. Earth's climate is, and always has been, in a constant state of dynamic Change - such are the realities of "Mother Nature".**

*The Climate changes because of "the antics and unpredictability of Mother Nature" - the scientific explanations for which still largely remains unknown. It is clear that this science is distinctly different from "science" of GHG's, being accused of causing - "Climate Change"!*

#### **17. Sea-level rises; ice-shelves / glacier melts; bush fires; and droughts are not happening because of man-made activities, especially man-made CO<sub>2</sub> emissions.**

*It's all about "Mother Nature" (especially solar and radiation effects); any of these phenomena are not the result of science applicable to Climate Change.*

**18. Commentators; Media; and “Inappropriate Scientists” (many representing the United Nation’s Agency - IPCC) cannot change the Laws of Science by -**

**a. repeating incorrect propositions so often, that one starts to believe that they must be correct;**

**b. producing False Reports (based upon “Flawed modelling”); or**

**c. failing to make even one prediction that has come to fruition.**

**Don’t take what you hear from a myriad of 3rd parties, including “Climate Deceivers”, as being “The “Gospel Truth” - rather “Fact Check” it yourself!**

There is much - repetitive false media;

- available evidence that IPCC Reports have been falsified; and
- no IPCC prediction made has yet occurred.

IPCC, admitted in its 2007 paper that - “the long-term prediction of future climate states is not possible.” This has been pointed out by Prof. Richard Lindzen, Emeritus Professor of Atmospheric Sciences at Massachusetts Institute of Technology (MIT), USA when he persuaded USA’s Pres. Donald Trump to withdraw from the Paris Accord - which has been activated, to be effective 2020.

“Deceivers” are particularly on an ideological mission that has nothing to do with Climate Change.

Be bothered to “Fact Check” everything you are told about anything - i.e. before you commit to believe whatever it is that you are being told about anything as “The Gospel Truth”!

Remember, we all now live in an era of “Fake News”, which people on Earth have never previously been so aware of, or need to be concerned about!

**“Climate Change” is definitely a “Fact Check” victim!**

**19. Just like the “Scientific Hoaxes” previously promoted -**

**- Y2K “alarmism” in respect to computers at the turn of this Century; and**

**- “Ozone Holes” being caused by CFC spray cans use, creating human cancerous skin conditions from exposure to Sunshine;**

**so calamitous man-made effects from Green House Gases are not correct - indeed just another “Hoax” - BUT the “Deceivers” will never admit it.**

*In fact - “Deceivers” NEVER admit to any failure of their numerous predictions.*

*Not 1 x IPCC prediction has proven to be correct.*

*Rather, they invariably “spin” outcomes to attempt to preserve their credibility.*

**AND THE “DADDY” OF THEM ALL IS -**

**20. In 2015 United Nations General Assembly agreed a list of the “17 Sustainable Development Goals” (SDG) to transform our World, Climate Change is only placed at GOAL No. 13th!** - <https://www.un.org/development/desa/disabilities/envision2030.html> -

**Those Goals are: -**



GOAL 1: No Poverty.

GOAL 2: Zero Hunger.

GOAL 3: Good Health and Well-being.

GOAL 4: Quality Education.

GOAL 5: Gender Equality.

GOAL 6: Clean Water and Sanitation.

GOAL 7: Affordable and Clean Energy.

GOAL 8: Decent Work and Economic Growth.

GOAL 9: Industry, Innovation and Infrastructure

GOAL 10: Reduced Inequality

GOAL 11: Sustainable Cities and Communities

GOAL 12: Responsible Consumption and Production

**GOAL 13: Climate Action**

GOAL 14: Life Below Water

GOAL 15: Life on Land

GOAL 16: Peace and Justice Strong Institutions

GOAL 17: Partnerships to achieve the Goal

## BASIC EXPLANATIONS AND TERMINOLOGY USED -

- a. **“Deniers”**, ironically are people said to refute (i.e. will not embrace) the current mantra of Climate Change as being derived from man-made emissions of GHGs. **“Denier” Scientists** are those with a basic understanding of the **“REAL Science”** of Climate related issues, having included in their qualifications the principles of **“Fluid Mechanics”** and **“Radiation Physics”** - **being the likes of Astrophysicists; Geophysicists; Geoengineers; Chemical Engineers; Marine Engineers; Geologists; and some Chemists; Ecologists; & Astronomers!**
- b. **“Deceivers”** are people - academically qualified or unqualified - who refuse to adopt or believe the **“REAL Science”** attendant to issues of Climate Change, by saying and believing in *Band Wagon Blindness* that **“the Science is settled”** (which alas, the REAL Scientists will consistently assure everyone that **“The Science is NEVER Settled”** [as all Science is constantly dynamic, alas for all human purist-seekers, of all ages]). They are those people (some call them *Doomers\** or *Alarmists*) who say and believe, along with the U. N’s Agency - IPCC, that 97% of all Scientists adopt the consensus position that humans are causing global warming. **They are the likes of Scientists qualified as Biologists; Botanists; Geographers; Meteorologists; Conservationists; Environmentalists; and Anthropologists** (as well as their associated **“celebrities”** who promote their misguided mantra). **BUT the Science that they are relying upon is regrettably misguided; incorrect; and wrong. It is limited scientific understanding, promoted by scientists that are inappropriately qualified to comment on Climate Change, albeit CORRECTLY** (as their studies did not equip them appropriately).  
*(\*Doom - promoted by misguided Deceivers and blamed upon their regular claim that “The Science is Settled”. Their “Doom: is relevant to environmental considerations; NOT relevant to Scientific Science issues of calamitous man-made activities. Environmental Science is distinctly different from the Science concerning Global Warming).*
- c. **“Climate Science”** - this is not a correct description, as there is no recognition anywhere of this as a **“Discipline”** in Science. This situation becomes even more confusing because there appears to be a willingness by most people around the World - especially unqualified folks - to accept as **“Gospel Truth”** the **“Climate Science”** that they are **“spun”** by 3<sup>rd</sup> parties (in the belief that whatever is stated must be correct as it is consistent, and backed by Scientists, or a variety of media outlets, or celebrities repeatedly saying so). The real pity is that almost no **“Fact Checking”** is carried out by anyone - even by such misguided, but inappropriately qualified Scientists themselves - to discover just want the REAL science really is!
- d. **“Scientists”** and **“Science”** - these **“labels”** come with a huge range of varying qualifications and skills. Do not be impressed by any view of Science, as stated by any Scientist or group of Scientists (or their **“allied”** commentators on their behalf - even if such commentator is famous; a celebrity; or an **“expert on Science”**), until you have first ascertained the actual area of qualification expertise of each individual or group of scientists - as is discussed above and below in detail. Its best in all events to **“Fact Check”** them.
- e. **Beware of, and research, emotive terms used, such as –**
  - **“Existential Threats”**; **“Carbon Footprints”**; **“Climate Emergency”**; and short-time limit predictions. Many terms used, when referring to **“Climate Change”**, are hysterical; demonstratively zealous; and fervently in error.
  - **“Emergency”** is an unfortunate use of an hysterical, emotive hyperbola. It is regrettably utilised regularly nowadays by the Climate Deceiver’s to accentuate their prime,

fundamental, under-lying political objectives associated with the “Agenda 21” philosophy (and frankly, to ignore that, is quite simply to ignore reality)!

- The worst such term is “**Climate Science**” - as there is no such academic discipline in any properly constituted Tertiary Education Institution bearing that description.
- “**Carbon Footprint**” is a misnomer - as the issue involved is not Carbon (C); not soot either!; Carbon Dioxide (CO<sub>2</sub>).
- “**Reduction Targets**” (of CO<sub>2</sub> emissions) are irrelevant as those emissions are not a problem.
- f. **Monitor** very regularly your **children’s education as to Climate Change**, just as you should “Monitor” your **children’s use and exposure to all Social Media**. Look beyond the first 5 x Google searches that “pop up”! React immediately to any situation that appears to be “difficult” in this regard, as otherwise your children will grow up with only one point of view on Climate change - which will place you potentially in conflict with them (if you understand and accept the REAL Science involved as the correct alternative) and they will never “thank” you in years to come for the waste that they have endured, when their mantra is discredited, as it most certainly will be, by virtue of nature’s eventual actual outcomes! You “NEED TO KNOW” what “indoctrination” is being feed to your youth, **from pre-school and onwards**. Do NOT BE “GLIB” or “DETERRED” to MONITOR REGULARLY!  
**BEWARE - Political “ideology knows no bounds, and nowadays “Climate Change” has become the fertile domain of many teachers in many schools sans a REAL Science basis!**
- g. “**Carbon Emissions**” *per se* are often incorrectly talked about in Climate Change discussions and debates as just “**Carbon**”. **Carbon (C)** is actually an element in its own right, and as such cannot be emitted. It is actually **Carbon Dioxide (CO<sub>2</sub>) emissions** which is the emission being referred to!
- h. **Carbon (& GHGs) Footprint** - means the net amount of **carbon dioxide (CO<sub>2</sub>**, and other GHGs) released into the atmosphere as a result of the activities of a particular individual, entity, or community - and is expressed as being in “Credit” (providing a “Footprint Credit” - or “Tax Credit”) or “Debit” (providing a “Footprint Debit” - or “Tax Liability”).
- i. **NZ’s contribution of all CO<sub>2</sub> into the Earth’s atmosphere** - is just 0.17% of Earth’s atmospheric CO<sub>2</sub>. By way of comparison, the World’s 2 x largest economies - China (responsible currently for 30% of all global man-made CO<sub>2</sub> emissions;) and USA (responsible currently for 14% of all global man-made CO<sub>2</sub> emissions) are not bound, for different reasons explained herein later, by the **Paris Accord** liability for any of their CO<sub>2</sub> emissions.
- j. “**Anthropogenic**” - defined by Concise Oxford Dictionary as “originated by man”. In other words - “Man-made”. It is often used to describe a source especially of CO<sub>2</sub>.
- k. “**Forcing**” is a term often used relative the Climate Change issues. The IPCC and their Scientists refer to “anthropogenic forcing” from effects of CO<sub>2</sub> causing global warming. REAL Scientists refer to solar “irradiance forcing” when considering the Sun’s effect on our climate. That is a reference to a phenomena of accelerated activity - i.e. a sense of “forcing”.
- l. “**Existential Threat**”, intended to mean an “extreme threat”, is now often referred to with regard to Climate Change. Sometimes a variation is used - “**existential security challenge**”. “**Existentialism**” is now one of the key shibboleths\* of being, or sounding, educated - summoning memories of how challengingly chilly and odd - yet clearly fundamental to

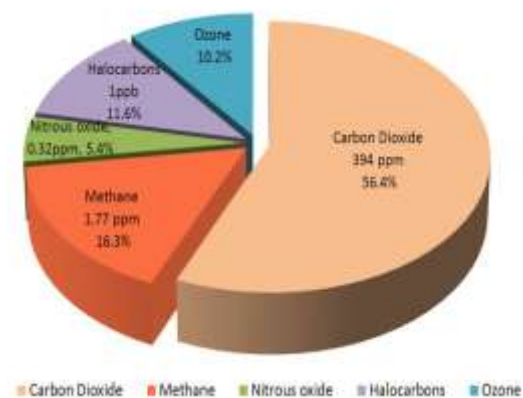
human nature. This use is related to sheer drama, with it portraying *flavours* of “darkness” and “infallibility”.

Precisely because threats of the past were not too often described as “**existential**” - i.e. Winston Churchill never used such an emotive term in dealing to the threat of Nazism in World War 2; nor Pres. Kennedy never used such term in the highly inflammable circumstances of the USSR nuclear weapons shipping convoy crisis involving Cuba, yet it is only lately that the specific term **existential threat** has been on the tip of so many emotive tongues. See - [https://www.youtube.com/watch?v=lzWV\\_CCQ9S8&feature=youtu.be](https://www.youtube.com/watch?v=lzWV_CCQ9S8&feature=youtu.be) .

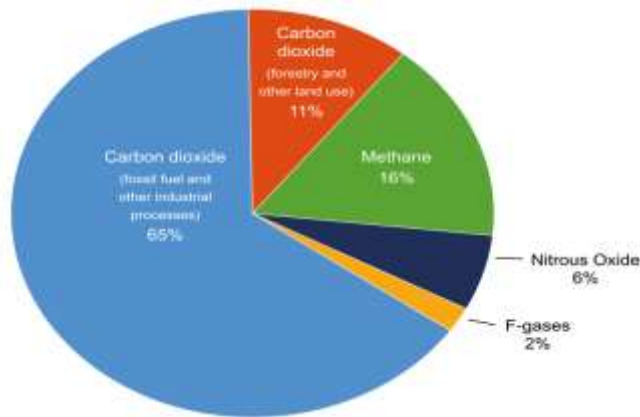
The term **existential threat** as used by **Deceivers** often in the contemporary Climate Change context, provides to them no doubt feelings of not only being highbrow and portentous, but also novel. Thus, it has become fashionable for “**alarmist Deceivers**” to promote jargon that man-made **Carbon Dioxide (CO<sub>2</sub>) does presents an “existential threat”!**

(\*The Oxford Dictionary defines “shibboleth” as - “test word or principle or opinion, the use of which reveals one’s orthodoxy - a catchword, especially old-fashioned and generally abandoned doctrine of a party or sect”)

- m. **Sequestration**, particularly of **CO<sub>2</sub>** is an important consideration; but often strategically overlooked by the likes of IPCC determined to tax **CO<sub>2</sub>**. Plants generally need to perform photosynthesis to grow and thrive. Thereby, they sequester **CO<sub>2</sub>** to varying degrees to assist plant growth by way of photosynthesis, as well as to also store **CO<sub>2</sub>** as organic matter in the soil. The term “carbon sequestration” describes both natural, as well as deliberate processes, by which **CO<sub>2</sub>** is either captured and removed from the atmosphere or diverted from emission source and stored in the terrestrial environments, plants, soil, oceans, and geologic formations. The natural sequestration of **CO<sub>2</sub>** happens mainly by **photosynthetic processes and organisms** present in the terrestrial, as well as aquatic, environments and this helps in maintaining the global carbon cycle. Pastoral farmers by growing grass; Orchardists by growing fruit trees; Winemakers by growing vines and augmenting Olive Tree growth - actually assist “Carbon Absorption” by virtue of photosynthesis’s “Carbon Sequestration” reality.
- n. NZ’s contribution of all **CO<sub>2</sub>** into the Earth’s atmosphere - is just 0.17% of Earth’s atmospheric **CO<sub>2</sub>**. By way of comparison, the World’s 2 x largest economies - China (responsible currently for 30% of all global man-made **CO<sub>2</sub>** emissions;) and USA (responsible currently for 14% of all global man-made **CO<sub>2</sub>** emissions) are not bound by the Paris Accord liability for any of their +44% Global **CO<sub>2</sub>** emissions.



GHG, without including H<sub>2</sub>O [water vapour], levels in Earth’s atmosphere in 2018



Total GHG emissions, excluding H<sub>2</sub>O [water vapour] due to human activities in 2010

- n. Refer to the following Websites and YouTube sites for definitive information about “Science” involved with “Climate Change”.
- i. **Dr Patrick Moore** - Canadian Geologist and Forrester - former International President of Greenpeace International in 2015 dismissed calamitous effects of CO<sub>2</sub> as “a Hoax”. See - <https://www.technocracy.news/former-president-of-greenpeace-scientifically-rips-climate-change-to-shreds/>
  - ii. **Dr Piers Corbyn** (brother of UK Labour Party’s Leader - Jeremy Corbyn) - Geophysical Engineer - fully supports the “Hoax” contention, and has been banned by UK Betting Shops from making further bets based upon his predictions of - Climate; Volcanism; Earthquakes; Magnetic shift events as well as Radio Communication waves disruptions BECAUSE HE WAS TOO OFTEN CORRECT and collected his betting gains too often! See - <https://youtube.be/UrCxNbsyHLA>; Also - <https://www.youtube.com/embed/UvHMhZ1T964>
  - iii. **NZ’s Radio Magic** website - <https://www.magic.co.nz/home/shows/talk/magic-mornings.html> - where “Radio Talkback Host” **Peter Williams** interviews notable REAL Scientists;
  - iv. “**50 Shades of Green**” (NZ) at <https://www.50shadesofgreen.co.nz/> - is worth visiting for an understanding of NZ agricultural consequences of current Climate Change legislative effects - where NZ Farmers and other rural folk - owners; workers; and families - are attempting to cope with the Deceiver’s mantra (assisted by misguided NZ M.P’s)!
  - v. “1000Frolly PhD” (aka Dr Robert Holmes, Dept of Science and Engineering at Federation University of Australia at Ballarat) has made many YouTube presentations as -
    - “Climate Science 1 – There is no Green House Effect”;
    - “Climate Science 2 – There is no “Extra Warming” to explain;
    - “Climate Science 3 – There is no Green House Effect on Venus;
    - “Climate Science 4 – The Ice CO<sub>2</sub> Record is “Probably Wrong” Too;
    - “Climate Science 5 – The IPCC’s Forcing estimates are Wrong.
 These provide an understandable introduction to the topics of Climate Change covered.
  - vi. **Dr David Bellamy** (former BBC environmental commentator; deceased 11 Dec 2019) - Environmentalist & Conservationist, in 2004 dismissed this Climate Change prediction as a “poppycock” (and in doing so, the BBC sacked him, and we’ve never seen him on any environmental programme again - whereby his counter-part broadcaster - Sir David



Attenborough - continues, and recently was the narrator of a leading BBC Climate Change documentary. Somehow, in contrast to David Bellamy, Sir David Attenborough, by sticking “religiously” with the IPCC mantra, has apparently managed to amass personal wealth in excess of 24 million Sterling (perhaps as the yachties might say - “Wind Assisted”).

See - <https://www.dailymail.co.uk/news/article-2266188/David-Bellamy-The-BBC-froze-I-dont-believe-global-warming.html> and <https://www.independent.co.uk/news/people/profiles/david-bellamy-i-was-shunned-they-didnt-want-to-hear-8449307.html>

- vii. Former NOAA Award-Winning Atmospheric Scientist, Dr. Rex Fleming who confirms that Climate is only slightly warming according to the Sun’s magnetic and radiation effects in its dynamic known and regular “Solar Cycle” - coinciding, by chance, with the Industrial Revolution. **He joins many former UN IPCC and U.S. government scientists, publicly dissenting on man-made climate change.**

Fleming declares that "CO<sub>2</sub> has no impact on climate change..... "Past climates have been warm and cold and warm and cold with no changes in carbon dioxide. How can that be a cause when there's no correlation..... Past climates have been warm and cold and warm and cold with no changes in carbon dioxide. How can that be a cause when there's no correlation." See - <https://www.climatedepot.com/2019/07/30/former-award-winning-noaa-scientist-dr-rex-fleming-declares-his-climate-dissent-converted-from-warmist-to-skeptic-explains-why-climate-change-theory-is-bunk>

See also - the James Delingpole podcast 29 interview at [www.himalya.com](http://www.himalya.com)

- viii. Dr David Kear, CMG, Geologist and Science Administrator (D.G.) formerly at NZ’s Department of Science & Industrial Research (“DSIR”), says predictions of rising sea levels as a result of global warming aren’t science - they’re science fiction. This supports the “guru” on this topic - Dr. Tim Ball of Queens University, London (see later herein).

See - <https://stovouno.org/2019/01/26/top-nz-scientist-describes-global-warming-as-pseudo-science/>

Further, Professor Paul Kench, formerly of the University of Auckland, now at Simon Fraser University in Canada, and Professor Gerd Masselink from the University of Plymouth were co-researchers in a protracted study, published by the Geological Society of America. Previous research by the team, which used aerial photos going back as far as 1943 to track changes to the 101 islands that make up the Tuvalu archipelago, found that overall there was a net gain in land area of 2.9 percent or 73.5ha over the past 40 years. Their study also deduced that Low-lying Pacific islands in atoll archipelagos such as Tuvalu, Tokelau and Kiribati are likely to adapt to the effects of climate change, if any, rather than simply sink beneath the waves, by shifting (like a raft) on the coral sands that they are built upon, to counter any sinking possibilities. Importantly, their modelling of these islands and sea conditions established that such islands move laterally, migrating across the coral reef as sand and gravel shifted position with the action of waves and higher water levels. The study has found that all threatened islands will be habitable for at least the next 150 years!

See - <https://www.auckland.ac.nz/en/news/2019/07/16/pacific-atolls-can-adapt-to-rising-seas-and-extreme-storms---new.html> (16 July 2019)

- ix. Prof Ian Plimer (Prof emeritus University of Melbourne, Australia in Earth Sciences; prev. Uni Adelaide - Mining Geology) discusses and confirms the issue - “**CO<sub>2</sub> emissions does not drive global warming**”. Further, he condemns government policies which

promotes renewable energy generation because of extreme cost, especially for the elderly. He also noted the inefficiency and high costs associated with creating domestic electric power for Australians from “Renewable” sources”.

See - <https://www.youtube.com/watch?v=Gvnmgl38yFU&feature=youtu.be>

- x. The concept of “**Ideal Gas**” is important to understanding any possibility of CO<sub>2</sub> having any warming effect on Climate Change.

See - <https://www.khanacademy.org/science/physics/thermodynamics/temp-kinetic-theory-ideal-gas-law/a/what-is-the-ideal-gas-law>

Also see - <https://wryheat.wordpress.com/2019/07/21/a-new-look-at-the-physics-of-earths-atmosphere/>

- xi. **Lord Monckton’s** latest podcast - [https://www.youtube.com/watch?v=k6iOOuZCE\\_Y](https://www.youtube.com/watch?v=k6iOOuZCE_Y) - reveals “on point” recent discovery confirmations by Irish Scientists **Dr’s Michael & Ronan Connolly** who have definitively verified assertions first made by **Albert Einstein** in 1917 (and just as Swedish physicist **Anders Jonas Ångström** (1814–1874) ), one of the founders of spectroscopy before Einstein, had also previously found) that **CO<sub>2</sub> as an “Ideal Gas” in Thermodynamic Equilibrium** (i.e. - maintains spatial uniform temperature, regardless of photon input and output effects) and thereby cannot cause any warming effect whatsoever. This all relates to original data obtained and recorded by Albert Einstein in 1917, but not subsequently verified by anyone until reviewed by the Dr’s Connolly recently, taking them some 5 x years to study and comparatively analyse literally millions (estimated 5 million) of evidential captures with Einstein’s original work (only reported in a Paper of his of 1917 – being all about "Ideal Gas" in a state of "Thermodynamic Equilibrium" right through the Earth's atmosphere - from Earth's surface to the Stratosphere). Those comparisons established for the 1<sup>st</sup> time that GHGs, as “ideal Gases” (**CO<sub>2</sub> included**), cannot cause any warming effect whatsoever to the atmosphere (and was illustrated in a straight line graph that Dr’s Michael and Ronan Connolly drafted based on their results - a finding thereby in science found now to be “replicable” (another way to express - “Peer Reviewed”)!)

**This finding significantly contrasts with the situation that IPCC (and all others until the Connolly’s replicable findings were made) in making similar investigations, which never took into account the fact that the Sun shines, and thereby doesn't allow for "Feedback Response” to occur from the fact of that “shining” Sun!**

**It is now established by the Connolly’s that to achieve 1 x degree Centigrade increase in warmth in Earth’s atmosphere, the level of CO<sub>2</sub> in the atmosphere MUST at least double!**

The Connolly’s “discovery” occurred as a result of their following realisation - “For years a lot of our designs did not perform as theory predicted ..... It was only when we realized that we had been neglecting through-mass mechanical energy transmission in fluids (as had everyone else) and that by taking this into account, that we could reconcile theory and performance” - and thereby the true science was established. See - <https://wattsupwiththat.com/2017/08/26/comments-on-the-connollys-atmospheric-physics-papers/>

**In summary - their finding was that CO<sub>2</sub> as an "Ideal Gas" is in a state of "Thermodynamic Equilibrium" right through the Earth's atmosphere - from Earth's surface to the Stratosphere - so it cannot cause, as an “Ideal Gas”, any warming effect whatsoever** - <https://globalwarmingsolved.com/about-us/>

- xii. "Jones & Co" (Alan Jones) on Australia Sky TV on Tues 18 June 2019.  
See - [https://www.skynews.com.au/details/\\_6049514488001](https://www.skynews.com.au/details/_6049514488001) where he deduces for Australia the sense of adopting the REAL Science attendant to Climate Change, and rejecting the "Deceiver's" nonsense!
- xiii. The **Solution to "Climate Change"** has 2 x distinct options (and only one is correct) -
- a. The World must respond with human imposed techniques, in order to reverse phenomena that has arisen and is correctly attributable to man-made activities which require "fixing" [the mantra promoted by the "**Deceivers**" to achieve unrelated political ideology]; or
  - b. The World need do nothing, as the World's Climate is solely a natural dynamic (most probably governed by "**Nature**" itself, and/or effected by Solar or Terrestrial activities) [the reality held fast by the "**Deniers**" - because one can't defeat "**REAL Science**". The solution is Scientific soluble - indeed already solved by "**REAL Science**". Regrettably, research makes the veracity (truth) abundantly clear. The World has been derailed by "left-wing" political forces at work, which seek to re-distribute Global wealth under the umbrella of "**World Government**" ("Agenda 21" in a Nutshell). This is regrettable deceit, utilising complex Science to create taxation mechanisms to achieve objectives!

The wisdom of renowned theoretical physicist **Albert Einstein** is **entirely appropriate to recall as you read this information** -

**"If you can't explain it simply,  
you don't understand it well enough"**

George Orwell (author "Animal Farm") provides the appropriate support -

**"The further a Society drifts from the truth;  
the more it will hate those that speak it"!**

Worthwhile LEADERSHIP of Nations should say - "Let's be responsible to the whole World, and get this whole thing sorted out first once and for all - without making a hasty, potentially ruinous blunder, effecting us all permanently"!

**Theoretical Physicist Albert Einstein was, and is, correct"!**

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## SPECIFIC PROPOSITIONS CONCERNING CLIMATE CHANGE EXPLAINED -

### 1. Is CO<sub>2</sub> gas in the atmosphere a problem causing Climate Change - in any respect?

*No - CO<sub>2</sub> is just 0.0413% of the whole content of Earth's atmosphere; it is the "elixir" of life - not a poisonous pollutant, or a danger to life. It is invisible (colourless); odourless; non-toxic; and not a warming agent". As the "Elixir of Life", plants especially (and thereby humans) depend upon it!*

## INFORMATION FOR THE WEBSITE -

**Concise Oxford Dictionary** defines "pollute" as - "destroy the purity or sanctity of; make foul or filthy; contaminate or defile (man's environment)".

**In science, a "pollutant" is a substance or energy introduced into the environment that has undesired effects, or adversely affects the usefulness of a resource.** A pollutant may cause long-term or short-term damage by changing the growth rate of plant or animal species, or by interfering with human amenities, comfort, health, or property values. Some pollutants are biodegradable and therefore will not persist in the environment in the long term.

**LINKS** - See Dr Patrick Moore's full presentation - <https://www.technocracy.news/former-president-of-greenpeace-scientifically-rips-climate-change-to-shreds/> where he deduces that calamitous claims attributed to man-made CO<sub>2</sub> emissions are a "hoax"!

Dr Patrick Moore, Canadian Forestry Biologist, is an eminent ecologist and environmentalist for more than 45 years, and former International President of "Green Peace International". In his 2015 presentation to the Institution of Mechanical Engineers in London, entitled "Should We Celebrate Carbon Dioxide", he states that **CO<sub>2</sub> is not proven beyond doubt to be "the supposed smoking gun of catastrophic climate change" of Earth's Climate.**

He goes on to observe that - "CO<sub>2</sub> content in the atmosphere needs to approach its threshold of 150 ppm, below which plants begin first to starve, then stop growing altogether, and then die. Not just woody plants but all plants. This would bring about the extinction of most, if not all, terrestrial species, as animals, insects, and other invertebrates starved for lack of food. At present day's concentration of CO<sub>2</sub> of 400 ppm, plants are relatively starved for nutrition. The optimum level of CO<sub>2</sub> for plant growth is about 5 times higher, 2000 ppm (but safe to, yet the alarmists ["deceivers"] warn it is already too high. They must be challenged every day by every person who knows the truth in this matter. CO<sub>2</sub> is the giver of life and we should celebrate CO<sub>2</sub> rather than denigrate it, as is the fashion today".

Also see YouTube interview with Prof. William Happer, Atomic Physicist of Princeton University, Canada- <https://www.youtube.com/watch?v=U-9UIF8hkhs&app=desktop> ;also <https://www.youtube.com/embed/j8KxVQFoyTO>

## Properties and Facts of CO<sub>2</sub> (and CO)?

- **CO<sub>2</sub> concentration levels and "Life-span" compared** - Between 65% and 80% of CO<sub>2</sub> released into the atmosphere dissolves into the ocean over a period of 20 to 200 years. The rest is removed by slower processes that take up to several hundreds of thousands of years, including chemical weathering and rock formation. This means that once in the atmosphere, CO<sub>2</sub> can continue to cause affects for thousands of years. (**Methane [CH<sub>4</sub>]**, by contrast, is mostly removed from the atmosphere by chemical reaction, persisting for about a maximum of 12 years. **Nitrous oxide [N<sub>2</sub>O]** is destroyed in the stratosphere and removed from the atmosphere more slowly than **Methane [CH<sub>4</sub>]**, persisting for around 114 years).

<b>150ppm</b>	threshold, below which, plants begin first to starve, then stop growing altogether, and then die. (Without plants, Humans would also perish & die)
<b>250-350ppm</b>	Normal background concentration in the out of doors atmosphere
<b>350-1,000ppm</b>	Concentrations typical of occupied indoor spaces with good air exchange. (Often lecture halls full of people have concentrations of CO <sub>2</sub> of 1,000 ppm - which must be conceded creates comment sometimes, but no ill-effects)
<b>1,000-2,000ppm</b>	Complaints of drowsiness; dizziness; and poor air.
<b>2,000-5,000 ppm</b>	Headaches, sleepiness and stagnant, stale, stuffy air. Poor concentration, loss of attention, increased heart rate and slight nausea may also be present.
<b>5,000 ppm</b>	Workplace exposure limit (8-hour) in most jurisdictions – but no sustained ill-effects.
<b>&gt;40,000 ppm</b>	Exposure may lead to serious oxygen deprivation resulting in permanent brain damage, coma, even death.

### (Carbon Monoxide compared

**CO “Life-span”-** Half-life of CO at room air temperature is 3-4 hours. One hundred percent oxygen reduces the half-life to 30-90 minutes.

**9 ppm** CO Max prolonged exposure (ASHRAE standard)

**35 ppm** CO Max exposure for 8 hour work day (OSHA)

**800 ppm** CO Death within 2 to 3 hours

**12,800 ppm** CO Death within 1 to 3 minutes )

See - <https://www.kane.co.uk/knowledge-centre/what-are-safe-levels-of-co-and-co2-in-rooms>; <https://www.pnas.org/content/107/27/12107>; and <https://climate.nasa.gov/causes/>

- o **CO<sub>2</sub> is not a pollutant; it's The Elixir of Life!**  
See- “YouTube” Presentations - <https://youtu.be/GTelkNud25I> and <https://www.youtube.com/watch?v=GTelkNud25I>
- o **CO<sub>2</sub> as an “Ideal Gas” is not a Warming Agent.**  
See - <https://wryheat.wordpress.com/2019/07/21/a-new-look-at-the-physics-of-earths-atmosphere/> and [www.CO2Science.org](http://www.CO2Science.org)
- o **CO<sub>2</sub> comprises only 0.0413% of the atmosphere** - which can be measured (thereby taxed!).  
See - <https://www.khanacademy.org/science/physics/thermodynamics/temp-kinetic-theory-ideal-gas-law/a/what-is-the-ideal-gas-law>
- o **Only 3% of the CO<sub>2</sub> in the atmosphere is man-made** - that's 0.00124% (1¼ in 1,000 parts).  
*“That means that out of 1 x million molecules in the earth's atmosphere, only 21 molecules are man-made! If 21 molecules became 22 or 23 molecules (a 5 - 10% increase), there would be still be no alterations to climate effects”* - Emeritus Professor Geoffrey Duffy, Chemical & Materials Engineer Dept., Auckland University (who astutely notes that as a definable gas - like all GHGs - it can be taxed for any purpose by volume).

- O **The balance 97% of CO<sub>2</sub> in Earth's atmosphere is naturally occurring** (the major contributor being from volcanoes). See - [https://volcanoes.usgs.gov/vsc/file\\_mgr/file-154/Gerlach-2011-EOS\\_AGU.pdf](https://volcanoes.usgs.gov/vsc/file_mgr/file-154/Gerlach-2011-EOS_AGU.pdf) and [https://www.eurekalert.org/pub\\_releases/2019-10/tca-sqg092419.php](https://www.eurekalert.org/pub_releases/2019-10/tca-sqg092419.php)
- O **CO<sub>2</sub> content increase of Earth's atmosphere** since the Industrial Revolution of 1800's is 2.5 ppm p.a. (One part per million is equivalent to one drop of water diluted into about 13 gallons of liquid (roughly the fuel tank of a compact car))
- O **CO<sub>2</sub> needs to double in volume in order to produce a 1° Centigrade increase in atmospheric temperature**
- O **CO<sub>2</sub> enters the atmosphere through** - volcanic eruptions, burning fossil fuels (coal, natural gas, and oil); solid waste; trees and other biological materials; and also as a result of a variety of man-made and naturally occurring chemical reactions (e.g., manufacture of cement). Information about Volcanoes as nature's greatest source of CO<sub>2</sub>. See - [https://volcanoes.usgs.gov/vsc/file\\_mgr/file-154/Gerlach-2011-EOS\\_AGU.pdf](https://volcanoes.usgs.gov/vsc/file_mgr/file-154/Gerlach-2011-EOS_AGU.pdf) and [https://www.eurekalert.org/pub\\_releases/2019-10/tca-sqg092419.php](https://www.eurekalert.org/pub_releases/2019-10/tca-sqg092419.php)
- O **CO<sub>2</sub> is mainly removed from the atmosphere** (or "sequestered") when it is - absorbed by Earth's Oceans, Lakes, and Rivers; and the process of photosynthesis operating in plants, as part of the biological carbon cycle.
- O **CO<sub>2</sub> forms "dry-ice" at -78.5° C (- 109.3° F)**
- O **CO<sub>2</sub> as a GHG absorbs infrared light** - to protect life on the Earth
- O **CO<sub>2</sub> is not a toxic gas**; much rarer CO (Carbon Monoxide) is a poisonous gas
- o **CO<sub>2</sub> is odourless, invisible \*colourless) gas. IT IS NOT JUST "CARBON"** (i.e. it is not "Soot")!
- o **NOTICE published by New Zealand Climate Science Coalition** (Nov 27 2019).  
To emphasize its claim that there is no convincing evidence that carbon dioxide causes temperature warming beyond natural cyclical limits long observed and recorded, the **New Zealand Climate Science Coalition** has offered the Professor Augie Auer prize of \$10,000, to be granted to the first applicant to present real-world evidence showing that the man-made fraction of airborne carbon dioxide causes dangerous global warming.  
In honour of the late AUGIE AUER, Professor of Atmospheric Science at the University of Wyoming, Chief Meteorologist for the MetService, co-founder of the NZ Climate Science Coalition and much-loved scientist of the highest integrity, members of the Coalition have established a fund now totalling \$10,000 to be granted to the first applicant to present real-world evidence showing that the man-made fraction of airborne carbon dioxide causes dangerous global warming.  
Professor Augie Auer was appalled that climate scientists should be denied funding and be branded 'deniers' unless they submitted to the political global warming narrative and renounced the ancient principle that science is never settled.  
Those refusing the NZCSC's request for evidence of dangerous man-made global warming include the IPCC, the Royal Society, the Royal Society of New Zealand, the NZ Ministry for the Environment and Professor James Renwick.  
To the first person who proves what they cannot, we offer this prize in the name of our late, incorruptible colleague.

Hon B.E. Brill - Chairman; T. Dunleavy MBE - Honorary Secretary.

See - <https://electroverse.net/10000-prize-to-the-first-person-to-provide-evidence-of-co2-causing-catastrophic-global-warming/>

- **Whenever the words “CO<sub>2</sub> Reductions” and/or “Carbon Reductions” are used, speakers are indicating their lack of full knowledge about CO<sub>2</sub> and Carbon.** Our lives are created around Carbon, so Carbon is vital to us all!
  - It is actually more than possible that we don't have enough **CO<sub>2</sub>** in the atmosphere. Professor William Happer is the Cyrus Fogg Brackett Professor of Physics, Emeritus, at Princeton University, USA, who has specialized in the study of atomic physics, optics and spectroscopy. He says when it comes to **CO<sub>2</sub>**, there's more good than bad. He goes on to say most of **CO<sub>2</sub>**'s effect has already happened. He points to the logarithmic dependence of temperature on CO<sub>2</sub> levels. Happer says the unique properties of CO<sub>2</sub> mean that current levels would need to double for another one-degree increase in temperature and they'd have to double again for another one degree rise. Happer also says that **CO<sub>2</sub>** assist drought resistance; and there is no “downside to **CO<sub>2</sub>**!”  
See - <https://www.youtube.com/watch?v=U-9UIF8hkhs&app=desktop>. Prof Happer also recommends viewing University State Illinois studies in “Cryosphere” by going to their website as to ice-sheet increase in the Antarctic especially - [https://globalcryospherewatch.org/state\\_of\\_cryo/seaice/](https://globalcryospherewatch.org/state_of_cryo/seaice/) ; also <https://www.youtube.com/embed/j8KxVQFoyTO>
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## 2 - **Is Methane [CH<sub>4</sub>] gas in the atmosphere a problem causing Climate Change?**

No - and lets first remember that CH<sub>4</sub> is just 0.0002065% (i.e. 1/200<sup>th</sup> of CO<sub>2</sub>) of the content of Earth's atmosphere. Stated in different terms, it is 1,800 parts per billion, about as much as two cups of water inside a swimming pool.

### **Facts about Methane (CH<sub>4</sub>)**

- **CH<sub>4</sub>** is a hydrocarbon, being a very minor greenhouse gas = 1.77 ppm
- **CH<sub>4</sub>** is an odourless, colourless, flammable gas
- **CH<sub>4</sub>** gas is colourless, but makes up most of your natural gas supply, burning with a blue colour
- **CH<sub>4</sub>** burns readily in air; the flame is pale, slightly luminous, and very hot
- **CH<sub>4</sub>** when it burns forms carbon dioxide (CO<sub>2</sub>) and water vapour (H<sub>2</sub>O)
- **CH<sub>4</sub>** is used primarily as fuel to make heat and light
- **CH<sub>4</sub>** is a gas at room temperature (20°C)
- **CH<sub>4</sub>** is lighter than air, having a specific gravity of 0.554.
- **CH<sub>4</sub>** is only slightly soluble in water

- o **CH<sub>4</sub>** can be formed by the decay of natural materials and is common in landfills, marshes, septic systems and sewers. Sources include - fossil fuel production (33%) \*
  - intensive livestock farming (27%)\*
  - landfills and waste (16%);
  - biomass burning (11%);
  - rice agriculture (9%);
  - biofuels (4%)

(\* these 2 x factors have caused the current increase methane levels - of 60%)

- o **CH<sub>4</sub>** has been known to cause gas intoxication by loss of consciousness or asphyxia
- o **CH<sub>4</sub>** is also used to manufacture organic chemicals
- o **CH<sub>4</sub>** is 22 times more effective than CO<sub>2</sub>
- o **CH<sub>4</sub>** is more efficient in trapping radiation than CO<sub>2</sub>
- o **CH<sub>4</sub>**'s life span in the atmosphere is shorter than CO<sub>2</sub>.
- o **CH<sub>4</sub>** boiling point is -162 °C (-259.6 °F); and the melting point is -182.5 °C
- o A new Swedish study has found that Christmas trees absorb CH<sub>4</sub>

## INFORMATION FOR THE WEBSITE –

### Fossil fuel production, distribution and use

The largest human source is from the production, distribution and combustion of **fossil fuels**. Methane emissions get produced wherever there are fossil fuels. It gets released whenever fossil fuels get extracted from the earth. Whether it is natural gas (which is in most part methane), coal or petroleum. More methane gets released during any type of handling, transportation (pipeline, truck delivery, etc.) or refinement of fossil fuels. Some methane is also produced during fossil fuel combustion. By using fossil fuels, humans contribute to the most important source of methane emissions. Fossil fuel production, distribution and use is estimated to create 110 million tonnes of methane per year. Incomplete combustion of fossil fuels also produces methane emissions. No combustion process is one hundred percent efficient. So when fossil fuels get used to make electricity, heat or power cars these all produce methane.

**Natural gas** creates a large part of methane emissions. Methane is the main component of natural gas, so leakage throughout this industry releases methane straight into the atmosphere. This includes the extraction, processing and transportation of natural gas.

**Coal** is another important source of methane emissions. In coal formation, pockets of methane get trapped around and within the rock. Coal mining related activities (extraction, crushing, distribution, etc.) release some of this trapped methane. Methane gets emitted from active underground and surface mines as well as abandoned ones.



**Oil wells** can also have methane deposits that get released during drilling and extraction. The refinement, transportation and storage of oil is also a source of methane emissions.

### **Livestock farming**

An important source of methane emissions is from intestinal (“enteric”) fermentation in farm animals. This creates 27% of human methane emissions. Animals like cows, sheep and goats are examples of cud chewing (ruminant) animals. During their normal digestion process, they create large amounts of methane. Enteric fermentation occurs because of microorganisms in the stomach of these animals. This creates methane as a by-product that is either exhaled by the animal or released via flatus (farts). (Consider and compare - the amount of methane, for similar reasons, released in Nature by the vast herds of animals with similar traits in Africa; Asia; and the Americas - especially Buffalo and Antelope!)

N.B. - Because humans raise these animals for food, their emissions are human-related, i.e. attributed as “man-made”. This is why the meat that we eat everyday has a huge impact on total methane emissions. Livestock farming creates 90 million tonnes of methane per year.

Livestock related emissions has grown because of the large growth of livestock populations worldwide (N.B. for food purposes; for growing population numbers). Livestock production has seen large growth since the 1960s, with beef production more than doubling during this time.

### **Landfills and waste**

**Landfills and waste** are another important human (man-made) source of methane emissions is from Methane and gets generated by the decomposition of solid waste in landfills. This also happens with animal and human waste streams. This accounts for 16% of human methane emissions. Landfills and waste are estimated to produce about 55 million tonnes of methane per year.

Landfills and open garbage dumps are full of organic matter. Our garbage contains things like food scraps, newspapers, cut grass and leaves. Every time new garbage comes in it gets piled over the old garbage that was already there. The organic matter in our garbage gets trapped in conditions where there is little or no oxygen. This provides excellent conditions for methane producing microbes. They will break down the waste (which is thankfully Nature’s function attributed to Methane), which produces large amounts of methane emissions. Even after a landfill gets closed, bacteria will continue to decompose the buried waste. Which will emit methane for years.

**Wastewater** from domestic, municipal and industrial sources can also produce methane emissions. Wastewater can be either released, stored or sent for treatment to remove contaminants. As with landfills, if the decay of organic material in wastewater happens without little or no oxygen, then this will create methane.

Livestock farming at even a modest scale will have to manage large amounts of manure daily. This is usually managed by using large waste treatment systems and holding tanks. In many of these systems methane gets produced because they promote anaerobic conditions.

### **Biomass burning**

**Biomass** burning causes a large amount of methane emissions. Biomass is material from living or dead organic matter. Incomplete burning of biomass creates methane emissions. Huge amounts can get produced during large scale burning. This creates 11% of human (attributed as Man-made) methane emissions.

Large open fires get used by humans to destroy crop waste and clear land for agricultural or other uses. Natural wildfires can contribute to this. But the great majority of biomass burning gets caused by human beings. Biomass burning is estimated as creating 38 million tonnes of methane per year.

### **Rice agriculture**

**Rice agriculture** is another large human source of methane emissions. Paddy fields for rice production are man-made wetlands. They have high moisture content, are oxygen depletion and have ample organic material. This creates a great environment for methane producing microbes that decompose the organic matter.

Some of the methane produced gets absorbed by methane-consuming microorganisms. But the vast majority gets released into the atmosphere. Due to the swamp-like environment of rice fields, this crop creates 9% of human methane emissions. Rice agriculture is estimated to create 31 million tonnes of methane per year.

### **Biofuels**

Biofuels are estimated to produce 12 million tonnes p.a. of methane, making it a significant source. Any biomass used to produce energy for domestic or purposes counts as a biofuel. Incomplete biofuel combustion leads to the production of methane. This is estimated to create 4% of human methane emissions.

An estimated 80% of biofuels get used for domestic cooking, heating, and lighting. Often in open cooking fires burning wood, agricultural waste, or animal dung. This is the single largest contributor to global biofuel emissions. Almost half of the world's population, about 2.7 billion people, use solid biofuels to cook and heat their homes on a daily basis. Most are poor, and live in developing countries.

18% of biofuels get used by low technology enterprises such as brick or tile making kilns, restaurants, etc. The balance of the biofuels get consumed for transportation uses.

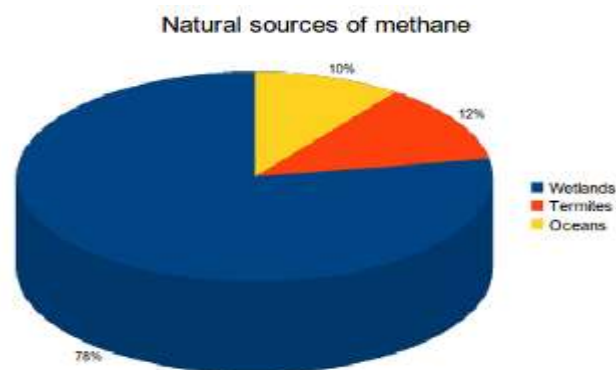
## Natural Sources

**Natural processes** also releases methane into the atmosphere. Wetlands, termites and the oceans are all natural sources of methane emissions.

The methane produced by natural sources is completely offset by natural methane “sinks” (sequesters). This has been so for thousands of years. Before the influence of humans, methane levels were quite steady because of this natural balance. Today, human-related sources create the majority of total methane emissions. This has upset the natural balance that existed before the Industrial Revolution.

Wetlands are an important source of methane. They account for 78% of all natural emissions. Other natural methane sources include termites (12%) and the oceans (10%).

## SOURCES of Methane -



*(Wetlands are an important source of methane emissions, accounting for 78% of all naturally produced emissions. Other natural methane sources include termites (12%) and the oceans (10%).*

## Wetlands

Wetlands are the largest natural source of methane. This produces 78% of natural methane emissions. The water-logged conditions of wetlands are perfect for microbes. They need environments with no oxygen and abundant organic matter. Part of wetland related emissions gets absorbed by methane-consuming microbes. But a large percentage escapes into the atmosphere. Wetlands are estimated to create 147 million tonnes of methane each year.

## Termites

Termites are a significant natural source of methane. During the normal digestion process of a termite, methane gets produced. Termites eat cellulose but rely on micro-organisms in their gut to digest it. These micro-organisms produce methane during the process. This is estimated to create 12% of natural methane emissions.

Each termite produces small amounts of methane on a daily basis. But when it gets multiplied by the world population of termites, their emissions add up. Estimated to create a total of 23 million tonnes of methane per year.

### **Oceans**

Another significant natural source of methane comes from the oceans. Methane producing microbes living in the ocean create these emissions. This is estimated to create 10% of natural methane emissions. Globally, oceans are estimated to create 19 million tonnes of methane per year.

Oceanic methane emissions often gets produced in deeper sediment layers of productive coastal areas. This accounts for 75% of the oceans methane emissions. The methane created by these microbes mixes with the surrounding water. After some time it gets emitted to the atmosphere from the ocean surface.

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### **3 - Is Nitrous Oxide [N<sub>2</sub>O] gas in the atmosphere a problem causing Climate Change?**

Nitrous Oxide (N<sub>2</sub>O) is a significant greenhouse gas because of its longevity and potency in the atmosphere, where it exists naturally.

96% of NZ's nitrous oxide emissions come from direct or indirect emissions from the soil.

At normal environmental concentrations, N<sub>2</sub>O is not harmful to humans.

The major natural sources include soils under natural vegetation, tundra and the oceans. Important human sources come from agriculture (nitrous oxide fertilizers, soil cultivation), livestock manure and urine, biomass or fossil fuels combustion, and industrial processes.

#### **Facts about Nitrous Oxide (N<sub>2</sub>O)**

- **N<sub>2</sub>O** colloquial name "laughing gas", not harmful to humans, at normal environmental concentrations
- **N<sub>2</sub>O** is a gas at room temperature
- **N<sub>2</sub>O**'s Boiling Point is (°F) -128.3 ; and Melting Point is (°F) -131.6
- **N<sub>2</sub>O** is a colourless, tasteless gas, with a slight pleasantly sweet odour
- **N<sub>2</sub>O** is 1½ times denser than air
- **N<sub>2</sub>O** is the only organic gas practical for it's significant medical uses, especially in surgery and dentistry, especially for its anaesthetic and pain reducing effects. It supports combustion as actively as oxygen when present with a flammable anaesthetic. It is carried in the blood in solution only
- 96% of NZ's **N<sub>2</sub>O** emissions come from direct or indirect emissions from the soil
- Options to reduce **N<sub>2</sub>O** emissions -

- Use less nitrogen fertiliser
  - Use split applications of nitrogen fertilisers
  - Use legume crops or pastures in the rotation instead of nitrogen fertiliser
  - Use minimum tillage for cropping
  - Prevent waterlogging
  - Use nitrification inhibitors
- o **N<sub>2</sub>O** is a significant greenhouse gas because of its longevity and potency in the atmosphere, where it exists naturally
  - o **N<sub>2</sub>O**'s major natural sources include soils under natural vegetation, tundra and the oceans. Important human sources come from agriculture (nitrous oxide fertilizers, soil cultivation), livestock manure and urine, biomass or fossil fuels combustion, and produced by industry, such as in the manufacture of nylon and nitric acid, and the burning of fossil fuels
  - o **N<sub>2</sub>O** is produced naturally on land by bacteria in soils and in the water, especially in oceans

### **INFORMATION FOR THE WEBSITE -**

- o **N<sub>2</sub>O** is a by-product of fuel combustion in mobile and stationary sources. When any fossil fuel is burnt, part of the nitrogen that is in the fuel and surrounding air gets oxidized creating **N<sub>2</sub>O** emissions. The primary natural sources of **N<sub>2</sub>O** are upland soils under natural vegetation, oceans, coastal waters, riparian zones, estuaries, and rivers. Riparian zones, rivers, estuaries, and coastal waters are also impacted by anthropogenic activities from agriculture. Urine is also a source of **N<sub>2</sub>O**. The majority of stationary **N<sub>2</sub>O** emissions come from coal fired power plants.
- o **N<sub>2</sub>O** has an atmospheric lifetime of 110 years.
- o **N<sub>2</sub>O** atmospheric concentration in 2017 was 329.9 parts per billion (converting to 0.33 ppm, which compares with 408 ppm for CO<sub>2</sub>). **N<sub>2</sub>O** level in the atmosphere is therefore very small (recall that CO<sub>2</sub> is very small as being 0.0408% of Earth's atmosphere). **N<sub>2</sub>O**'s warming potential is about 310 times worse than CO<sub>2</sub>. N<sub>2</sub>O is 122% of pre-industrial levels.
- o One tonne of **N<sub>2</sub>O** is equivalent to 298 tonnes of CO<sub>2</sub>.
- o **N<sub>2</sub>O** is not flammable, in the state that it is used in automotive applications. In fact, due to it's very low boiling point and the pressure it's contained under it's actually more likely to put out a small fire
- o The process that removes **N<sub>2</sub>O** from the atmosphere also depletes ozone (O<sub>3</sub>)
- o **N<sub>2</sub>O** slows down your brain and your body's responses, and the effects of the drug varies depending on how much has been inhaled. Taking **N<sub>2</sub>O** can cause: feelings of euphoria, relaxation and calmness. fits of giggles and laughter - hence the nickname '**laughing gas**'

- Agricultural soil management is the largest source of **N<sub>2</sub>O** emissions in the United States, accounting for about 73.9 percent of total U.S. **N<sub>2</sub>O** emissions in 2017. Fuel Combustion. **N<sub>2</sub>O** is emitted when fuels are burned.
- When fossil fuels are burned, they release nitrogen oxides into the atmosphere, which contribute to the formation of smog and acid rain. Major sources of emissions include: Cars and trucks. Coal-fired power plants.
- **Options to reduce nitrous oxide (N<sub>2</sub>O) emissions**
  - Use less nitrogen fertiliser.
  - Use split applications of nitrogen fertilisers.
  - Use legume crops or pastures in the rotation instead of nitrogen fertiliser.
  - Use minimum tillage for cropping.
  - Prevent waterlogging.
  - Use nitrification inhibitors.

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**4. Is it correct that 97% of Scientists (latest poll states +11,000 Scientists) support the mantra that CO<sub>2</sub> emissions are the cause of Climate Change?**

No - That “fabricated story” of 97% of Scientists break-down is a statistic contained in the “Abstract” of a book entitled “Expert Credibility In Climate Change” co-authored by the late **Prof Stephen Henry Schneider**, Ph.D. in mechanical engineering and plasma physics, Professor of Environmental Biology and Global Change at Stanford University, a Co-Director at the Center for Environment Science and Policy of the Freeman Spogli Institute for International Studies, and a Senior Fellow in the Stanford Woods Institute for the Environment Stanford University, USA (also a co-author of the “Narrow” IPCC Mandate) He made an arbitrary, purely a self-serving guess - utilising (deceitfully) statistical data concerning a limited group of limited qualified Scientists - mainly meteorologists and environmentalists (none with qualifications in “Fluid Mechanics’ and “Radiation Physics”)! The recent claim concerning 11,000 Scientists is similarly flawed - with Prof Mickey Mouse, as an example, being included in the claimed list of persons declared by the recently formed **Alliance of World Scientists**.

TECHNOCRACY NEWS in December 2019 published an article headlined - “Climate Scientists Write To UN: There Is No Climate Emergency” - and reported “**A group of 500 esteemed scientists and professionals in climate science have officially notified the United Nations that there is no climate crisis and that spending trillions on a non-problem is ‘cruel and imprudent’**”. This letter (reproduced in Schedule below) will not make it into national or global media, nor will it cause the UN to change its ways. If these same scientists understood Technocracy, they would change their battle strategy” [referring to their respective funding realities that these Scientists now constantly face]. See - <https://www.europereloaded.com/500-climate-scientists-write-to-un-there-is-no-climate-emergency/>

## INFORMATION FOR THE WEBSITE -

Dr. Stephen Henry Schneider's - a Ph.D. in mechanical engineering and plasma physics, thereby has science qualifications inapplicable to the science that governs Climate issues. An understanding of "Fluid Mechanics" and/or "Radiated Physics" is actually required in order to be able to authoritatively comment on Climate issues.

He was an advisor to many US Presidents (including Reagan and Obama) and a co-author of the IPCC Mandate (a U. N. Agency; which mandate was deliberately designed to be "narrow" - as Schnieder's "slim" qualifications, in context, appear to be). The IPCC was mandated to include only Meteorologists and Environmentalists (i.e. no other qualifications were deemed necessary) - and specifically excluded any consideration of "Nature's occurrences".

He is the original person responsible for the "97% claim" of only a limited group, who were NOT appropriate scientists to support the calamitous effects CO<sub>2</sub> emissions! The full manner in which he "deceitfully" - and I use that word advisedly after reading much about him - calculated this figure is as follows -

Schneider utilised only data gathered by IPCC of approx. +4,000 Scientists, sorting them between "supporters" (33%) and "non-supporters" (67%) of CO<sub>2</sub> emissions "Climate Change". He concluded (arrogantly) that as there were 1,372 in that "supporters" group, which he promoted as the basis of his estimate that +97% of Scientists were supporting current Climate Change mantra) - see <https://www.pnas.org/content/107/27/12107>

**This disgraceful statistical deceit has been perpetuated by many - including former Pres Obama in recent speeches referring to Climate Change (for his own "self-serving" purposes)! The lesson from this clear and deliberate deception, that it is essential to "Fact Check" the details of all claims being made around all aspects of "Climate Change"!**

As to the most recent instance where this is applicable, see journalist Anthony Watts reporting on 07 November 2019 in "The Australian" newspaper in an article headed - "Scientists' petition on climate crisis blocked over fake signatories" - where he noted that - "11,000 scientists climate emergency petition" **includes a bunch of fake names**". From the "there's no quality control in climate science" department comes this laughable revelation - "Dozens of signatories, including Mickey Mouse and Harry Potter headmaster Albus Dumbledore from Hogwarts, have been removed from an **Alliance of World Scientists** declaration of a "climate emergency". Access to the 11,000 name-petition that accompanied a statement of concern published in **BioScience** on Tuesday 5<sup>th</sup> Nov 2019 was blocked on Thursday. A statement issued by -Oregon State University said "*an administrative error unfortunately saw the inclusion of a small number of invalid names*" (BUT N.B> - "small" was not defined!". See - <https://wattsupwiththat.com/2019/11/07/11000-climate-scientists-petition-includes-a-bunch-of-fake-names/>-

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## 5 - Is Environmental and Conservation considerations a “part” of Climate Change?

No! Conservation and Environmental considerations and Science (and Protection) have nothing to do with Climate Change Science - and SHOULD NOT BE CONFUSED - EVER!

The recently created Kiwi movement - “50 Shades of Green” concerning itself with the issue of protecting “normal” farming against tree plantation acquisition of land presently producing “normal” produce - is a Climate Change issue (not an environmental and conservation issue as it is primarily a rejection about “farming carbon credits, and not “normal” produce)

### INFORMATION FOR THE WEBSITE -

- This is one ploy that *Deceivers* utilise - by deliberately introducing into a discussion about aspects of the Environment, so as to confuse “Lay” people that they are considering aspects of Climate Change - when in fact, the discussion is about the environment, with vastly different science and considerations involved. That is why Scientists qualified in disciplines such as - Biologists; Botanists; Geographers; Meteorologists; Conservationists; Environmentalists; and Anthropologists - should frankly “stick to their knitting” and not meddle where their qualifications are lacking - i.e. not qualifications in “Fluid Mechanics” and “Radiation Physics” .!
- Refuse, and particularly recently, a variety of plastics (including wrappings and packaging) removal from the environment, actually needs urgent consideration and action. If anything, that is where it may be appropriate to declare an emergency - indeed, an “Environmental Emergency”! Yet alarmist “Deceivers” - saturated in their “left-wing” political ideology, driving “Climate Change” overlook almost completely this vital, contemporary consideration, and rather concentrate upon a phenomenon that has no Scientific basis whatsoever! Such alarmist are society’s “scoundrels”!
- Persons like Sir David Attenborough, a devoted and acclaimed “Environmentalist”, appears now to have been hijacked (unwittingly - let’s hope) by alarmists in Climate Change, and diverted from his hitherto life-time’s excellent work in presenting education of nearly every aspect of our environment on Planet Earth, to misguidedly attempting to make a link (albeit inappropriate) between Environmentalism and Conservation on the one hand, and Climate Change on the other hand. He has no qualifications to do so; his experience in environmental issues is irrelevant to Climate Change. Yet he meddles – and one must now ask why? Is he delusional? Is he being led by 3<sup>rd</sup> parties? Is his judgement now failing him? It is all too sad, as his life-time of great work, will end up being laughable if he continues to deny the REAL Science involved with Climate Change. Dr David Bellamy, also a former life-time familiar face on BBC TV as to environmental education, has suddenly vanished - because BBC made a misguided decision to discontinue using his services immediately once he had famously rejected calamitous effects claimed from man-made CO<sub>2</sub> emissions as “poppycock”!
- Farmers - some + 1,500 - at the inaugural “50 Shades of Green” protest to Parliament on Thursday 14 November 2019 were appropriately sensitive to point out to the very few politicians (nearly all Opposition M. P’s) attending that protest at Parliament in Wellington, NZ that farmers in NZ in last few years, at their sole expense, have been voluntarily attending to numerous environmental and conservation issues - such as **water protection** (by fencing internal waterways to the extent of creating fencing that would extend beyond building a continuous fence from the North Pole to the South pole); and **tree planting** of their respective



vulnerable erosional areas (to conserve land and soil within their farms). However their protest was directed to retention of productive farmland, threatened as a result of the recently enacted “Climate Change Response (Zero Carbon) Amendment Act 2019” which already has resulted in encouraging investment (especially foreign investment) in creating Pinus Radiata (“pine tree”) plantations to gain the financial benefits of carbon credits income under that misguided Act, rather than to be retained as “normal” productive farmland to produce “normal” farm produce (which NZ is so well known for domestically and internationally). Such examples demonstrate why people have become further confused about the Climate Change issue.

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6 - **Is it correct, that Scientists making predictions about “Climate Science” need to be qualified notwithstanding in “Fluid Mechanics” and “Radiation Physics”?**

Scientists that are “appropriate” and to be respected and listened to about the Science effecting Climate Change, and who make predictions, MUST, as a minimum, have a genuine understanding of at least **“Fluid Mechanics”** and **“Radiation Physics”**.

**Definitions -**

**“Fluid Mechanics”** (branch of physics concerned with the mechanics of fluids (liquids, gases, and plasmas) and the forces on them with applications in a wide range of disciplines, including mechanical, civil, chemical and biomedical engineering, geophysics, oceanography, meteorology, astrophysics, and biology); and

**“Radiation Physics”** (being the physics of the transmission of energy).

These are scientists including the likes of - **Geophysicists; Astrophysicists; Geologists; Geoengineers; Marine Engineers; Chemical Engineers; and some Chemists; Ecologists; and Astronomers**. Regrettably such Scientists (and their “followers) are referred to as **“Deniers”**. In NZ, we have such scientific qualifications available for ready comment on Climate Change - such a **Professor Emeritus Geoffrey Duff** DEng, PhD, BSc, ASTC Dip, FRS NZ, FICHEM, CEng at Auckland University faculty of Engineering. See - <https://climaterealist.org.nz/node/602>

**Explanations -**

Most of the scientist community supporting current Climate Change mantra (best referred to as **“Deceivers”**) quite frankly are only **“Pseudo Scientists”** when it comes to Climate Change issues, as they have little or no understanding of these pre-requisite disciplines of **“Fluid Mechanics”** and **“Radiation Physics”**. They comprise the “inappropriate” scientists quoted by the likes of the **IPCC** - including the likes of - **Biologists; Botanists; Geographers; Meteorologists; Conservationists; Environmentalists; and Anthropologists** (as well as their associated “celebrities” who promote their misguided mantra) - i.e. “scientists” that are not appropriately qualified to authoritatively comment on Climate Change as their studies do not equip them appropriately.

**“Deceivers”** have taken to lambasting **“Deniers”** as regarding “Climate Change as a deeply inconvenient truth” – a most regrettable observation, mimicking Al Gore, by one Chlöe Swarbrick (NZ Green Party M. P. - in debate in NZ’s House of Representatives, Tues 05 Nov 2019 - see Hansard)

## INFORMATION FOR THE WEBSITE -

- Reference to the terminology of “**Climate Science**” is actually misnomer - an oxymoron - as nowhere is there recognition a science discipline described as “Climate Science”! Appropriately qualified Scientists will not refer to the term “**Climate Science**”. Rather, they will say that they study “Climate” or some specialist subject/s within their qualification. This is a “thumb-nail” test to remember, in order to sift the “appropriate scientists” from the “inappropriate scientists” (of which, regrettably, there are far more; and far noisier!)
- Another attribute of an “**appropriate scientist**”, is that their language is never “emotive” - i.e. “coloured” with much adjectival descriptions! They invariably state their propositions and predictions in simple, albeit scientific, language.
- The only “appropriate” Scientists researching and predicting about “Climate” will have a full prerequisite understanding about “**Fluid Mechanics**” and “**Radiation Physics**” in order to investigate and make predictions about Climate Change. They are therefore the likes of - **Geophysicists; Astrophysicists; Geologists; Geoengineers; Marine Engineers; Chemical Engineers; and some Chemists; Ecologists; & Astronomers.**
- Such “appropriate” scientists prepare their research results in Scientific Papers dispassionately written - so never be duped by a purported “Scientific Paper” claiming predictions of Climate Change if it is full of adjectival, emotive descriptions, as that is NOT what “REAL”, appropriate Scientists would write in such a “style”.
- Scientists who are “**inappropriate**” to investigate and make predictions about the Science effecting Climate - i.e. the Scientists to be very aware of, but who claim the skills and qualifications to provide correct predictions, are the likes of - **Biologists; Botanists; Geographers; Meteorologists; Conservationists; Environmentalists; and Anthropologists.** (When inappropriately commenting on Global Warming, these scientists should be labelled and known as - “**Climate Deceivers**”; just as they deem it “OK” to label those that oppose their mantra as - “**Climate Deniers**”)
- Scientist have always published Papers to make known the results of their respective research - which these days is **dependent upon funding** being made available to each of them to conduct their research. It is alarming lately how funding is consistently being withdrawn from scientists who do not publish results supportive of Climate Change! See - <https://www.theguardian.com/australia-news/2019/sep/06/peter-ridd-awarded-12m-in-unfair-dismissal-case-against-james-cook-university>
- Green House Gases [“GHG”] emissions are NOT the cause of any Climate Change (but GHGs can contribute to avoidable and controllable Regional Environmental issues, including pollution; agricultural water purposes; reforestation; etc)
- Conservation and Environment issues actually involve totally different science from that science effecting Climate Change
- Climate Change predictions - calamitous or otherwise - made by IPCC and others, actually have a 100% failure rate

7 - **Has the U.N. Agency - IPCC (“The Intergovernmental Panel on Climate Change”) engaged appropriate Scientists to research any aspects of Climate Change?**

No! Created in 1988 by the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP), the IPCC is an intergovernmental Agency of the United Nations created [supposedly] to provide the World with an objective, scientific view of climate change, its natural, political, and economic impacts and risks, and possible response options (but not required to take account of “Natural” phenomena).

In reality, it appears to rather primarily promote objectives of U.N.’s “**Agenda 21**” concept! The U. N.’s Agency - Intergovernmental Panel on Climate Change (“IPCC”) objectives are based upon - thereby inappropriately - a “narrow” Mandate; composed of inappropriate Scientists; and produces results and predictions ultimately by politicians (advised by inappropriate scientists) based upon “flawed modelling”

**INFORMATION FOR THE WEBSITE -**

- o According to the website <https://www.climatedepot.com/2015/11/29/father-of-un-climate-process-maurice-strong-dead-at-86/> - the following process seems to have been the reason -

Canadian-born Maurice Strong\*, the first United Nations Environment Program chief, organized the Rio Earth Summit in 1992, which led to the launch of the U.N. Framework Convention on Climate Change. He is generally regarded as the “father of U.N. Climate process” by creating the “Club of Rome” amongst a few World Leaders initially - which lead eventually to the establishment and substantial funding [USD\$70 billion] by the U.N. of the very narrowly mandated U.N. Agency known as “Intergovernmental Panel of Climate Change” [“IPCC”] to achieve “Agenda 21” ’s objectives! The IPCC is made up only of Environmentalists and Meteorologists - and is NOT mandated to investigate “Natural” occurrences.

“Agenda 21” [an objective created by the Rockefeller Foundation] does not want to hear about those “non-calamitous properties” of CO<sub>2</sub>. “Agenda 21” is a U.N. supported hypothesis supporting a political concept of “One World Government” to control Global over-population.

\*According to - <http://theclimatescepticsparty.blogspot.com/2015/11/father-of-agwhoax-maurice-strong-dead.html> - TORONTO (AP) reported - Maurice Strong, whose work helped lead to the landmark climate summit that begins in Paris on Monday, has died at age 86, the head of the U.N.’s environmental agency said Saturday. The Canadian-born Strong, the first U.N. Environment Program chief, organized the Rio Earth Summit in 1992, which led to the launch of the U.N. Framework Convention on Climate Change.

The Paris Accord was entered into force on November 4, 2016, and called for a balance of climate finance between adaptation and mitigation, and specifically underscoring the need to increase adaptation support for parties most vulnerable to the effects of climate change, including Least Developed Countries and Small Island Developing States.

- o IPCC reports are produced from a progressive drafting basis - initial report drafts are produced by inappropriate scientists (defined later herein); but final reports are only produced by politicians!

- o There is much evidence available that IPCC Reports have been falsified. (Example - Dr Benjamin Santer, Climate Scientist at Lawrence Livermore National Laboratory, UK, who as Lead Author of Chapter 8 of IPCC's 1995 Second Report (unsupported by any IPCC research) is attributed with permitting that important IPCC publication to state - " man-made emissions is a part of Climate Change" . See - <https://skepticalscience.com/ben-santer-1995-ipcc-report.htm>
  
- o IPCC has been created primarily to promote the U. N's "Agenda 21" ideology of "One World Government" facilitating Global wealth re-distribution by deceitfully utilising current Climate Change "alarmism" to achieve its main objective - <https://www.climatedepot.com/2015/11/29/father-of-un-climate-process-maurice-strong-dead-at-86/> and <http://theclimatescepticsparty.blogspot.com/2015/11/father-of-agwhoax-maurice-strong-dead.html>
  
- o It is entirely wrong of IPCC, and those other "climate deceivers" so inclined, to authoritatively state that 97% of all Scientists support the current Climate Change mantra associated with CO<sub>2</sub> emissions - especially man-made emissions (That "story" of 97% of Scientists break-down is a statistic contained in the "Abstract" of a book entitled "Expert Credibility In Climate Change" co-authored by one Prof Stephen Henry Schneider (also a co-author of the "Narrow" IPCC Mandate). Schneider utilised only data gathered by IPCC of approx. +4,000 Scientists, sorting them between "supporters" (33%) and "non-supporters" (67%) of CO<sub>2</sub> emissions "Climate Change". He concluded (arrogantly) that as there were 1,372 in that "supporters" group, which he promoted as the basis of his estimate that +97% of Scientists were supporting current Climate Change mantra) - see <https://www.pnas.org/content/107/27/12107>  
**PONDER THIS** - Over the last century [or some say - since The Industrial Revolution in UK in early 18th Century], the burning of fossil fuels, like coal, oil, and natural gas has increased the concentration of atmospheric carbon dioxide (CO<sub>2</sub>). This happens because the coal, oil, or natural gas burning process combines carbon with oxygen in the air to make CO<sub>2</sub>. To a lesser extent, the clearing of land for agriculture industry [including "deforestation"], and other human activities has increased concentrations of GHGs. If one listens to the Australian radio interview between Alan Jones and former Green Peace International President, Dr Patrick Moore at - <https://www.2gb.com/former-greenpeace-member-likens-school-climate-strikes-to-hitler-youth1/>, they referred to a statistic of 97-98% of "Climate Scientists" said to be supporters of the prevailing CO<sub>2</sub> emissions cause concept. That 97% of Scientists break-down is a statistic contained in the "Abstract" of a book entitled "Expert Credibility In Climate Change" co-authored by Prof Stephen Henry Schneider - but a statistic it appears only to have been postulated by Schneider utilising IPCC gathered data, and then analysed same by expanding that data between "supporters" and "non-supporters" of CO<sub>2</sub> emissions "Climate Change" - resulting in understand his analysis. BUT - who were deemed to be these 97-98% "Climate Scientists" (i.e. - what was the definition thereof, or culling done). It is accepted that some +66% were "doubters" (i.e. "non-supporters"); and some 33% were "believers" (i.e. "supporters"), which would have been an analysis of a total "group" estimated to be (say) 4000 "Climate Scientists". Of those 33% making up "supporters", Prof Schneider says there were those 1372.  
That means that he identified 97-98% "supporters" (being approx. 1372 scientists) who supported the IPCC philosophy!

And please recall - in his book's Abstract, there is his admission that a broad analysis had not been conducted!! (Therefore, the number of 1372 "supporting Climate Scientists" cannot possibly be taken by anyone as an attempt to round up an overall tally on all Scientists in the World pronouncing on "Climate Science. Prof Schneider had confined the analysis down to "only" their "own kind" – i.e. "supporters", and then proceeded to distort the statistics by declaring that 97-98% of Scientists "supported" CO<sub>2</sub> emissions hypothesis as to "Global Warming"!

So What actually appears to be the case is that of some 4000 "Climate Scientists", only 1372 became "believers" who adopted IPCC philosophy, and thereby IPCC findings! I conclude on that evidence, that the likes of Prof Schneider are playing with statistics to get to a figure of "97-98%" to appear to be almost all inclusive of all Scientists – when clearly it is not!

This is the nonsense that the populace of the whole World is up against. (The figure of some 97-98% of all Climate Scientists is discredited in 2 x ways -

- i. as to total Climate Scientists regardless; and
- ii. as to total "believers")!

The entire, comprehensive scope of claims made by many and said to effect Earth's Climate, needs to be dispassionately, independently investigated - and the best available investigative tribunal is by way of "A Royal Commission Of Inquiry" in NZ - with appropriate "Letters Patent", so as to once and for all, sort out the truth [veracity] of all aspects attendant (to be defined); for everyone!

If such a Tribunal concludes that the "Science" is not yet definitive, so be it! At least then, unnecessary capital and other resources will be expended on something which we remain unsure about - but which from then onwards is monitored until "correctness" (i.e. truth) finally emerges!

- In its Fifth Assessment Report, the Intergovernmental Panel on Climate Change (IPCC), a group of 1,300 independent scientific experts from countries all over the world under the auspices of the United Nations, concluded there's a more than 95 percent probability that human activities over the past 50 years have warmed our planet .

The IPCC's full Summary for Policymakers report is online at

[https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc\\_wg3\\_ar5\\_summary-for-policymakers.pdf](https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc_wg3_ar5_summary-for-policymakers.pdf).

[BUT - to explain the view of many Scientists about IPCC (included in my Submission to "Climate Change Response (Zero Rated) Amendment Bill" - whereby many scientific commentators claim that it sees itself to be "the world's top climate body", observing that it is hopelessly conflicted by its makeup and its mandate. That Panel is composed solely of -

- i. the World Meteorological Organization, weather forecasters, and
- ii. the United Nations Environment Program, environmentalists - deemed to all be appropriate "Scientists".

Both these organizations appear to be focused primarily on short-term timescales - days, to maybe only a century or two. Surely, we should all be concerned with a time-frame way beyond that - i.e. over millennia!

But the most significant conflict is with the Panel's mandate from the United Nations,

requiring the IPCC only to focus on “a change of climate which is attributed directly or indirectly to human activity that alters the composition of the atmosphere, and which is in addition to natural climate variability”.

So if the IPCC found that climate change was not being affected by human alteration of the atmosphere, or that it is not “dangerous”, there would be no need for them to exist. IPCC Mandate therefore leaves no room for a contention that “Climate Change” is a product of natural phenomena - such as attributes of the Solar System (which this submission will allege). They just “assume” CO<sub>2</sub> emissions are the “culprit; no science is provided anywhere by them that CO<sub>2</sub> actually achieves the results ascribed to it by them! Isn't that what exactly similarly occurred in understanding the “Ozone Hole fix”?!

The relevant commentary about the IPCC now invariably concludes that the IPCC are virtually mandated to find on the side of “apocalypse”. They certainly would not wish to place themselves to irrelevance!

The industrial activities that our modern civilization depends upon have raised atmospheric carbon dioxide levels from 280 parts per million to 400 parts per million in the last 150 years. The panel also concluded there's a better than 95 percent probability that human-produced greenhouse gases such as carbon dioxide, methane and nitrous oxide have caused much of the observed increase in Earth's temperatures over the past 50 years. The panel's full Summary for Policymakers report is online at - [https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc\\_wg3\\_ar5\\_summary-for-policymakers.pdf](https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc_wg3_ar5_summary-for-policymakers.pdf)

- **Bombshell Claim:** Scientists Find "Man-made Climate Change Doesn't Exist In Practice". See - <https://www.zerohedge.com/news/2019-07-11/scientists-finland-japan-man-made-climate-change-doesnt-exist-practice>

A Finland's Turku University team's new scientific study could bust wide open deeply flawed fundamental assumptions underlying controversial climate legislation and initiatives such as the Green New Deal, namely, the degree to which 'climate change' is driven by natural phenomena vs. man-made issues measured as carbon footprint. Scientists in Finland found “practically no anthropogenic [man-made] climate change” after a series of studies. “During the last hundred years the temperature increased about 0.1°C because of carbon dioxide. The human contribution was about 0.01°C”, the Finnish researchers bluntly state in one among a series of papers.

(N.B. - 0.01 of 0.1 = 10%. That therefore refers to 10% of 0.1% = very insignificant amount). This has been collaborated by a team at Kobe University in Japan, which has furthered the Finnish researchers' theory: "New evidence suggests that high-energy particles from space known as galactic cosmic rays affect the Earth's climate by increasing cloud cover, causing an 'umbrella effect'," the just published study has found, a summary of which has been released in the journal Science Daily. The findings are hugely significant given this 'umbrella effect' - an entirely natural occurrence - could be the prime driver of climate warming, and not man-made factors. The scientists involved in the study are most concerned with the fact that current climate models driving the political side of debate, most notably the Intergovernmental Panel on Climate Change's (IPCC) climate sensitivity scale, fail to incorporate this crucial and potentially central variable of increased cloud cover.

This research team state - "*The Intergovernmental Panel on Climate Change (IPCC) has discussed the impact of cloud cover on climate in their evaluations, but this phenomenon has never been considered in climate predictions due to the insufficient physical understanding of it*" comments Professor Hyodo in Science

Daily. "This study provides an opportunity to rethink the impact of clouds on climate. When galactic cosmic rays increase, so do low clouds, and when cosmic rays decrease clouds do as well, so climate warming may be caused by an opposite-umbrella effect."

In their related paper, aptly titled, "No experimental evidence for the significant anthropogenic [man-made] climate change", the Finnish scientists find that low cloud cover "practically" controls global temperatures but that "only a small part" of the increased carbon dioxide concentration is anthropogenic, or caused by human activity.

The following is a key bombshell section in one of the studies conducted by Finland's Turku University team: "We have proven that the GCM-models used in IPCC report AR5 cannot compute correctly the natural component included in the observed global temperature. The reason is that the models fail to derive the influences of low cloud cover fraction on the global temperature. A too small natural component results in a too large portion for the contribution of the greenhouse gases like carbon dioxide. That is why J. KAUPPINEN AND P. MALMI IPCC represents the climate sensitivity more than one order of magnitude larger than our sensitivity 0.24°C. Because the anthropogenic [man-made] portion in the increased CO2 is less than 10 %, we have practically no anthropogenic climate change. The low clouds control mainly the global temperature".

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## 8 - **What are all the consequences to all New Zealanders of adoption of the provisions of the Paris Accord?**

In 2019 the NZ Government has passed legislation - "Climate Change Response (Zero Carbon) Amendment Act 2019" - adopting the Paris Accord, which renders NZ liable to net carbon emissions liability commitments of +\$30 billion in the first period from 2020 to 2030, and predicted to negatively effect NZ's GDP by +\$50 billion over that same 10 year period.

The National Party Opposition saw fit to condemn that legislation as "deeply flawed", yet voted in favour of it, as they explained that with the inclusion of Commission to oversee issues (only advisory status) they had secured a "frame-work" to later multi-amend when they became the Government to fix those flaws. That regrettably overlooks the fundamental issue - being that this Act's "frame-work" adopts Science which is fundamentally WRONG! No amount of amendment can correct WRONG SCIENCE adopted into a fundamentally flawed frame-work. The only solution is to repeal that "flawed" Act. No replacement Act is necessary. The REAL (i.e. "CORRECT") Science applicable requires no action at all need be taken.

## **INFORMATION FOR THE WEBSITE -**

- Paris Accord net carbon emissions commitments now are -

1. Each NZ family unit will be liable for an estimated \$8,000.00 p.a. as each family's share of Paris Accord net carbon emissions liabilities ("ETS") for the next 10 years - being a total of +\$30 billion for the next 10 x period (that's \$2,000.00 p.a. per person) - significantly effecting each person's cost of living. NZ/s G.D.P. is estimated to be reduced over this next 10 x year period by +\$50 million - which is more than \$1,000.00 p.a. per person! But the scenario gets worse - READ ON!

This "ETS" liability is calculated relevant to the IPCC's "target" goal of achieving a Global

temperature increase limited to within 1.5°C by 2030 (being apparently the belief of the approximate temperature increase experienced since the advent of the 1850s Industrial Revolution (but nowhere is their required “Base-line” temperature defined).

HOWEVER - and very importantly - the “snag” associated with this “target goal”, is that the IPCC, via Paris Accord protocols, has been very clever to “fudge” this starting base temperature by not specifically defining that starting base-line of temperature. (This means, that on achieving that initial “target goal” temperature, the IPCC, unchecked, can of its own volition, utilising any basis (if at all), and set a new base temperature so as to extinguish the 1<sup>st</sup> “target goal” and require even more tax to be paid!

The initial calculation that the “ETS TARGET” of IPCC amounts to a sum in excess of \$30 billion in the 1<sup>st</sup> x 10 year period from 2020 to 2030. “ETS” payments are payable by each signatory Nation to the UN’s “**Green Climate Fund**” set up pursuant to the Paris Accord (to which NZ is currently a signatory), ostensibly for distribution to undeveloped Nations (which currently includes China under “WTO” status - ironically the World’s 2nd largest economy!). See Dr Shiva Ayyadurai’s - Ph D in Computer Sciences, forensic analysis of Paris Accord commitments for Nations to pay CO<sub>2</sub> emissions Tax to IPCC’s Green Climate Fund - see <https://www.youtube.com/watch?v=-0Rtystv7dc>

2. Energy generation must be by way of “Renewable” energy generation only. No new energy generation, or other industrial activities will happen if it is considered an addition to our Carbon “Footprint”; and any such activity would attract further Carbon liabilities to be paid to the “Green Climate Fund” for foreign Nations benefits.

- NZ Government MUST insist from the outset that the IPCC “**Green Climate Fund**” be independently and forensically audited to ensure that payments both “to” and “from” the fund are in accordance with its regulations (This may prevent even more individuals around the World becoming extremely wealthy individually and “mysteriously”!)
- NZ accounts for only 0.17% p.a. of all Global GHG emissions - which is likely to reduce given that **China** is waived liability from the **Paris Accord** as a unilaterally declared “Developing Nation” under the **World Trade Organisation** (“WTO”), and has plans to build and utilise very many coal-fired power stations to keep up with its economic expansionist demands. See - <https://www.youtube.com/watch?v=-0Rtystv7dc>
- The World’s 2 x largest economies - **China** (responsible currently for 30% of all global emissions;) and **USA** (responsible currently for 14% of all global emissions) - are not bound by the **Paris Accord** (yet combined produce almost 50% of World’s emissions. QUESTION = Should NZ really be worried to assist? Should we fear being ostracised by the international community - as surely trade deal accommodations with just **USA** and **China** (as also nations outside the **Paris Accord**), together with domestic consumption, would surely keep us economically “afloat”. BUT, it is clear, that NZ politicians have been so “threatened” by the international community to “play ball” and enact an “**Emissions Trading Scheme**” (“ETS”) so as to retain our “International Community “CLUB” Membership. What a dreadful pity that such a ransom has been held over us; and that rather, we didn’t have courageous leadership to see ourselves “stand alone” and uphold the truth about the science of Climate Change.



- **Renewable energy** is energy that is collected from renewable resources, which are naturally replenished, such as sunlight (solar), wind (turbines; boat sails), rain (water - for hydroelectric power generation; water-wheel), tides, waves, and geothermal heat - and are still expensive to install and maintain, though some costs maybe reducing as the technology improves.  
See - <https://www.irena.org/publications/2019/May/Renewable-power-generation-costs-in-2018>
- The average cost in Dec 2017 to install solar systems ranged from a little over \$2,000 per kilowatt (kilowatts are a measure of power capacity) for large-scale systems to almost \$3,700 for residential systems. A new natural gas plant might have costs around \$1,000/kW. Wind comes in around \$1,200 to \$1,700/kw.
- Though costly to implement, solar energy offers a clean, renewable source of power. Solar energy doesn't work at night without a storage device such as a battery, and cloudy weather can make the technology unreliable during the day. Solar technologies are also very expensive and require a lot of land area to collect the sun's energy at rates useful to lots of people.
- Wind turbines can be - located off shore in "Wind Farms"; send energy as electric power back to land; as tall as 200 meters; smaller turbines to charge batteries; power to houses, caravans, and sailing ships; and have blades that can move at a speed of up to 320 Kms/hr;
- Major drawbacks of wind energy are - high installation and maintenance costs, change in nature's wind speed (including no wind at all for significant periods); and not suitable for all areas;
- Maintenance cost realities are - an out-of-service turbine can cost \$800 to \$1,600 (USD) per day, with most repairs taking one to three days. If a crane is required to repair or replace a fibreglass blade, the cost can run up to \$350,000 per week. An average blade repair can cost up to \$30,000. These turbine blades last approx. 20 years max, and are prohibitively expensive to dispose of at only specialist land fills;
- Geothermal energy qualifies as a renewable resource since it originates from the internal heat of the earth and the water is continuously replenished by rainfall. The internal heat of the earth and rainfall are natural phenomena and will continue for the rest of time. Geothermal energy is currently used in 3 technology areas - heating and cooling buildings through geothermal heat pumps; generating electricity through geothermal power plants; and heating structures through direct direct-use applications. Half of the set-up cost of a geothermal power plant is incurred in the drilling process. A conventional geothermal well, capable of generating four and a half megawatts of power, costs about USD\$10 million to drill. Geothermal energy sites cannot be entirely relied upon. There is a possibility of the site cooling down even after it has produced energy for decades.
- As fundamentally "Reasonable Doubt" exists about GHG emissions effects, given that NZ's emissions are negligible to the World, why doesn't NZ rather make a significant contribution by establishing now a Royal Commission of Inquiry to dispassionately sort out the truth of all issues once and for all? (That provides the World with far more effective action regarding "Climate Change". However, is the objection that that would interfere with the U. N's prime objective to creating IPCC so as to cause Nations to adopt the

concepts of “Agenda 21” whereby World Government is to be created in order to redistribute Global wealth - being a direct attack by under-developed Nations on Capitalism?)

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## 9 - **Why have no Climate Change predictions actually ever come to fruition?**

This is so! Predictions about rising sea-levels; ice-sheet and glacier melts; and general global warming have all failed to date.

Many Climate Change predictions are the result of research conducted by inappropriate Scientists - who invariably seem to utilise “flawed” modelling. This is so of the many predictions made by IPCC by way of their “inappropriately” qualified Scientists, who do not understand the fully the Physics involved.

BUT - failed Climate Change predictions are never admitted or conceded, whether by way of the IPCC or any other Scientific interests - including the “parallel” example of CFC’s being incorrectly blamed for creating (indeed, enlarging) the **Ozone Holes** in the Arctic and Antarctic. The flawed modelling used was deceit!

## **INFORMATION FOR THE WEBSITE -**

### ○ **RANDOM EXAMPLES of FAILED “CLIMATE CHANGE” PREDICTIONS -**

- **Rising Sea-levels** - One of the “guru” Scientists in this issue is Dr Tim Ball of Queens University, London. Geophysicist (specialising in Marine sea-levels). He is adamant that sea level rise is a major non-existent threat exploited by Alarmists (especially of Climate Change) and Politicians. On a “net” basis, some land is invaded at times by the sea-level; and some land is sinking. He cites the current instance of Tuvalu in the Pacific Ocean (formerly Ellice Islands), which NASA has recently confirmed from satellite surveillance that it has recently net increased in size by 28 hectares!

See - <https://wattsupwiththat.com/2018/07/21/sea-level-rise-a-major-non-existent-threat-exploited-by-alarmists-and-politicians/>

Podcast with Dr. Tim Ball of Queens University, London, interviewed by Leighton Smith (previous presenter of ZBTalk Radio, NZ) is a most interesting insight into sea-level issues. See - [https://www.newstalkzb.co.nz/podcasts/the-leighton-smith-podcast/leighton-smith-podcast-episode-21-19-june-2019/?utm\\_source=edm&utm\\_campaign=CE-RS-NL-EDM&utm\\_medium=email](https://www.newstalkzb.co.nz/podcasts/the-leighton-smith-podcast/leighton-smith-podcast-episode-21-19-june-2019/?utm_source=edm&utm_campaign=CE-RS-NL-EDM&utm_medium=email)

Dr. Tim Ball is the author of the book ‘The Deliberate Corruption of Climate Science’.

Also, Prof / Dr. Nils-Axel Mörner (former head of the paleogeophysics and geodynamics department at Stockholm University) was president of the International Union for Quaternary Research Commission on Neotectonics [he retired in 2015]. He headed the INTAS Project on Geomagnetism and Climate).

This World-authority on Sea Levels confirms Dr Patrick Moore's claims - and definitively states that CO2 emissions claims are "Deceit" by those promoting that claim. He definitively states - "The hypothesis is wrong"! In respect to associated issues, he observes - *"The world's true experts on sea level are to be found at the **INQUA** (International Union for Quaternary Research) commission on Sea Level Changes and Coastal Evolution (of which I am a former president), not at the Intergovernmental Panel on Climate Change ["IPCC"]. Our research is what the climate lobby might call an 'inconvenient truth' [cf with Al Gore's film claims] it shows that sea levels have been oscillating close to the present level for the last three centuries. This is not due to melting glaciers: sea levels are affected by a great many factors, such as the speed at which the earth rotates [and whether the land is sinking]. They rose in the order of 10 to 11cm between 1850 and 1940, stopped rising or maybe even fell a little until 1970, and have remained roughly flat ever since.*

*Sea level has been stable on Earth in the last 50 to 70 years. Global sea level changes followed the moon's tidal super cycles, which in turn stem from the large solar cycles. The sun also affects the Gulf Stream in the North Atlantic, which brings warmth to Western and Northern Europe. At maximum solar activity, the Gulf Stream flows northeast and sea level rises. During a solar minimum, the Gulf Stream flows from east to southeast and sea level drops to the north".*

Mörner further emphasized that -

*"the solar cycles and gravity of our neighbouring planets, the solar wind and the moon, determined our climate and our environment. The carbon dioxide greenhouse effect has no place". 80-90% of Geologists confirm CO2 is good for the Earth; plants need it. They know the emissions claims made are wrong; but it is a wonderful and convenient way to control peoples on Earth. In another decade or 2, we will all be in a new Solar Phase ..... A further recent revelation confirms my CO2 emissions assertion. In a part of the South Sudan Dessert where there has not been rain for many years, but the dessert is "greening up" - showing that the plants establishing there are thriving from the CO2 in the Earth's atmosphere only".*

N.B. - CO2 is a negligible gas in the atmosphere - being just 0.0413%. Of that 0.0413%, 97% thereof is produced by nature; 3% is produced by man. That shows how insignificant CO2 really is"!

See - <https://notrickszone.com/2019/02/13/world-leading-ocean-expert-calls-sea-level-rise-claims-by-climate-scientists-anti-scientific-nonsense/>

(Note - Dr Nils-Alex Mörner is another World-leading scientist that links Solar and Solar System activity with resultant Earth conditions).

- **Ice-sheet and Glacier Melts** - This has intrigued many, including particularly NASA, who have recently reported on numerous satellite observations, all of which indicate conclusively that both the Arctic and Antarctic are experiencing net ice coverage gains! A new NASA study of the Antarctic Peninsula of Mass Gains of Antarctic Ice Sheet.

See - <https://www.nasa.gov/feature/goddard/nasa-study-mass-gains-of-antarctic-ice-sheet-greater-than-losses>

A new NASA study says that an increase in Antarctic snow accumulation that began 10,000 years ago is currently adding enough ice to the continent to outweigh the increased losses from its thinning glaciers. "Antarctica is overall accumulating ice. Still, areas of the continent, like the Antarctic Peninsula ....., have increased their mass loss in the last decades.... . The research challenges the conclusions of other studies, including the Intergovernmental Panel on Climate Change's (IPCC) 2013 report, which says that Antarctica is overall losing land ice. According to the new analysis of satellite data, the Antarctic ice-sheet showed a net gain of 112 billion tons of ice a year from 1992 to 2001. That net gain slowed to 82 billion tons of ice per year between 2003 and 2008".

Arctic tours ship MS MALMO with 16 passengers on board got stuck in ice on Sep 3 off

Longyearbyen, Svalbard Archipelago, halfway between Norway and North Pole. The ship is on Arctic tour with Climate Change documentary film team concerned with Climate Change and melting Arctic ice. All 16 Climate Change warriors were evacuated by helicopter in challenging conditions, all are safe. 7 crew remains on board, waiting for Coast Guard ship assistance. They observed that "Something is very wrong with Arctic ice, instead of melting as ordered by UN/IPCC, it captured the ship with Climate Change Warriors".

See - <https://wattsupwiththat.com/2019/09/08/ship-with-climate-change-warriors-caught-in-ice-warriors-evacuated/>

Already there are is a myriad of detrimental climate predictions, which have already expired, or become overdue, or are clearly over-stated, but perhaps the best known example of false time-scale predictions is that made by former USA Vice President **Al Gore** in his Oscar winning movie "**An Inconvenient Truth**" - where in 2006, with regard to the Arctic Ice Cap, he was responsible for the Climate Change prediction made, **that unless the World took "drastic measures" to reduce greenhouse gasses ["GHG"], the world would reach a "point of no return" in a mere ten (10) years.** Al Gore called it a "true planetary emergency." Well, **far longer than ten (10) years have now passed, but we're all still here, and the Arctic Cap has been measured from Space as to having increased in size in the last five (5) years (as has the overall Antarctic Ice-shelf).**

In fact a High Court judge in the United Kingdom ordered ten (10) years ago that Gore's film could only be shown in British schools with guidance notes to prevent political indoctrination - stating "The Armageddon scenario he predicts, insofar as it suggests that sea level rises of seven metres might occur in the immediate future, is not in line with the scientific consensus" and would only occur in a millennia".

Indeed the website - <https://nsidc.org/news/inthenews/arctic-ice-cap-grows-same-year-al-gore-predicted-it-would-disappear-networks-ignore> reported "Ice returned to the Northwest Passage this summer (2018), forcing cruise lines to change course. Several companies turned back or rerouted Arctic sailings after the open-water conditions of the past several years gave way to relatively heavy ice."

**As a result, Climate Activists have had to postponed the apocalypse!**

**Dr. Scott Denning [PhD]**, Professor of Atmospheric Science at Colorado State University has concluded about Al Gore's predictions - "Therefore global warming, due to rising CO2 emissions, is not a problem, and emissions can continue to rise without bound".

See - <https://www.atmos.colostate.edu/people/faculty/denning/>

But also, let us not to overlook Al Gore's personal consumption of the "**Carbon Footprint**" brought about by the extent of his elaborate air travel to promote his costly prediction speeches (at +US\$100,000.00 per speech), as well as his alarming amount of domestic energy requirements to power his lavish life-style - including his home

- **Droughts and Bush-fires** - Frequency of droughts and forest fires globally are not increasing as there is NO link of such outcome to Climate Change; See - deductions of Prof. Andy Pitman, UNSW - <http://joannenova.com.au/2019/08/prof-andy-pitman-admits-droughts-are-not-worse-and-not-linked-to-climate-change/>
- **Great Barrier Reef deterioration** - Dr. Peter Ridd - Geophysicist formerly at James Cook University, North Queensland, Australia (specialising in Marine aspects) - describes Australia's Great Barrier Reef as "substantially stable"; being in complete contrast and deference to "main-stream" (misguided) views expressed about Climate Change's effects

on the environmental status of the Great Barrier Reef as being “rapidly and extensively deteriorating”! Ridd claims as the specialist scientist, controversial views about climate change and indeed the net good health state of the Great Barrier Reef See - <https://www.abc.net.au/news/2019-04-16/jcu-scientist-peter-ridd.../11021554>. He was recently awarded by an Australian Federal Circuit Court Judge (Salvatore Vasta) \$1.2m in compensation after winning an unfair dismissal case against his former employer, James Cook University. The Climate Change issue was not on trial, but this case demonstrates how entrenched viewpoints are applied - even by Universities; and in direct contradiction to REAL Science applied by a specialist Scientist!

- **Polar Bear population depletions** - despite predictions to the contrary, Polar Bear populations are in fact increasing - according research by renowned Zoologist Susan Crockford, Zoologist, who until 2019 was an adjunct professor in Anthropology at the University of Victoria, Canada (when she was dismissed by her University because they disagreed with her claims that Polar Bear populations were on the increase; not decrease, as was the popular opinion of those supporting the mantra of Climate Change). See - <https://www.nytimes.com › 2018/04/10 › climate › polar-bears-climate-deniers>
- o “Flawed” modelling appears to have been rampant, resulting in such an extreme failure rate. For example, modelling has been invariably conducted in most IPCC investigation in what is known as “dry air environment” scenarios - which does not reflect atmospheric reality most of the time - thus prediction are “flawed’ from the outset of any research as the fundamentals utilised were in error from the outset.
- o It is clear - **the World MUST learn from previous mistakes made / deceit used!** For example, **CFC spray cans** did not cause the Antarctic and Artic **Ozone Holes**; and “Nature” is effecting that “fix”. See - [https://ozonewatch.gsfc.nasa.gov/facts/hole\\_SH.html](https://ozonewatch.gsfc.nasa.gov/facts/hole_SH.html) ; <https://esrl.nasa.gov/csd/assessments/ozone/2006/chapters/Q18.pdf> ; <https://www.nzgeo.com/stories/the-end-of-the-ozone-hole/>

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## 10 - **Why have some eminent scientists deduced that particularly CO<sub>2</sub> emissions causing Climate Change are a “Hoax”?**

A full appreciation of most issues involved in Climate Change are available by reading the comprehensive presentation to the UK Institute of Mechanical Engineers in London in 2015 by **Dr Patrick Moore** (Ph.D. in Ecology from the University of British Columbia, Canada; recipient of the Einstein Society’s National Award for Nuclear Science and History in 2009; and former International President of Green Peace International).

His presentation deduces - as many other appropriate qualified scientists have subsequently similarly deduced - that calamitous claims associated with CO<sub>2</sub> emissions by “alarmists” are a “hoax”.

Even Ecologist and Environmentalist Dr David Bellamy, no longer welcomed as a presenter by the BBC, deduced that CO<sub>2</sub> emissions claimed outcomes were “poppycock”!

An excellent insight into Dr Patrick Moore is available by watching YouTube interview - <https://youtu.be/JYQ6eZDXXRE>

## INFORMATION FOR THE WEBSITE -

Dr Patrick Moore (Ph.D. in Ecology from the University of British Columbia, Canada; recipient of the Einstein Society's National Award for Nuclear Science and History in 2009; and former International President of Green Peace International) made a comprehensive presentation to the UK Institute of Mechanical Engineers in London in 2015 - see <https://www.technocracy.news/former-president-of-greenpeace-scientifically-rips-climate-change-to-shreds/> . This excellent presentation, in language that "lay people" can easily understand and follow, includes a summarised history of CO<sub>2</sub> in the Earth's atmosphere. Some of his more significant and relevant observations made in that presentation are set out below -

- o (Bottom Page "6" he states) - There was a 30-year period of warming from 1910-1940, then a cooling from 1940 to 1970, just as CO<sub>2</sub> emissions began to rise exponentially, and then a 30-year warming from 1970-2000 that was very similar in duration and temperature rise to the rise from 1910-1940. One may then ask "what caused the increase in temperature from 1910-1940 if it was not human emissions? And if it was natural factors how do we know that the same natural factors were not responsible for the rise between 1970-2000." You don't need to go back millions of years to find the logical fallacy in the IPCC's certainty that we are the villains in the piece;
- o (Page "7") - "Water is by far the most important GHG, and is the only molecule that is present in the atmosphere in all three states, gas, liquid, and solid. As a gas, water vapour is a greenhouse gas, but as a liquid and solid it is not. As a liquid water forms clouds, which send solar radiation back into space during the day and hold heat in at night. There is no possibility that computer models can predict the net effect of atmospheric water in a higher CO<sub>2</sub> atmosphere. Yet "warmists" postulate that higher CO<sub>2</sub> will result in positive feedback from water, thus magnifying the effect of CO<sub>2</sub> alone by 2-3 times. Other scientists believe that water may have a neutral or negative feedback on CO<sub>2</sub>. The observational evidence from the early years of this century tends to reinforce the latter hypothesis".
- o (Later on page "7") - he notes that the 2007 IPCC Report stated - "we should recognise that we are dealing with a coupled nonlinear chaotic system, and therefore that the long-term prediction of future climate states is not possible". How many politicians or members of the media or the public are aware of this statement about climate change from the IPCC in 2007?" –
- o (Also on page "7") - he significantly states - "It is a proven fact that plants, including trees and all our food crops, are capable of growing much faster at higher levels of CO<sub>2</sub> than present in the atmosphere today. Even at the today's concentration of 400 ppm plants are relatively starved for nutrition. The optimum level of CO<sub>2</sub> for plant growth is about 5 times higher, 2000 ppm, yet the alarmists warn it is already too high. Coming to the core of my presentation, CO<sub>2</sub> is the currency of life and the most important building block for all life on Earth. All life is carbon-based, including our own. Surely the carbon cycle and its central role in the creation of life should be taught to our children rather than the demonization of CO<sub>2</sub>, that "carbon" is a "pollutant" that threatens the continuation of life. We know for a fact that CO<sub>2</sub> is essential for life and that it must be at a certain level in the atmosphere for the survival of plants, which are the primary food for all

the other species alive today. Should we not encourage our citizens, students, teachers, politicians, scientists, and other leaders to celebrate CO2 as the giver of life that it is?

- (On page “8” he states) - We are witnessing the “Greening of the Earth” as higher levels of CO2, due to human emissions from the use of fossil fuels, promote increased growth of plants around the world. This has been confirmed by scientists with CSIRO in Australia, in Germany, and in North America. Only half of the CO2 we are emitting from the use of fossil fuels is showing up in the atmosphere. The balance is going somewhere else and the best science says most of it is going into an increase in global plant biomass. And what could be wrong with that, as forests and agricultural crops become more productive?”
- Also watch - <https://youtu.be/JYQ6eZDXXRE>. Discussion following publication of his book - - “Confessions of a Greenpeace Dropout”! For articles on Science effecting Climate, see his website - <http://ecosense.me/>

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#### 11 - **What role does our Sun and its Solar Radiation play in creating Earth's Climate?**

New Science is definitely in the making with NASA's current Solar modules (“Parker” craft) investigating our Sun; similar to the "New Science" that Christopher Columbus" caused, by proving that the World was not "Flat".

#### **INFORMATION FOR THE WEBSITE -**

- **Let’s understand about the phenomenon of the 11 x year Solar Cycles** - next is No. 26 - which NASA is predicting will be the weakest in the last 200 years (June 13, 2019). See - <https://www.nasa.gov/feature/ames/solar-activity-forecast-for-next-decade-favorable-for-exploration>
- **Space weather** - Sometimes a hurricane; sometimes heat wave - is the term for radiation in the solar system, much of which is released by the Sun. Sometimes this can be a storm - sending out dangerous bursts of radiation. On Earth, we're protected by our magnetic field, but out in space, this would be hazardous for the likes of astronauts. The Science for this phenonium is just beginning (coincidentally along with President Trump [USA] “Space Force” newly formed).  
The World’s ability to forecast these kinds of events is increasingly important, especially as NASA prepares to send astronauts to the Moon and elsewhere. Research now underway may have found a reliable new method to predict this solar activity. The Sun's activity rises and falls in an 11-year cycle. The forecast for the next solar cycle - named Solar Cycle “No. 26” - says it will be the weakest of the last 200 years. The maximum of this next cycle - measured in terms of sunspot numbers, a standard measure of solar activity level - is predicted by NASA to be 30% to 50% lower than the most recent one (“No. 25”). The results show that the next cycle will start in 2020 and reach its maximum in 2025.  
In these cycles, it seems that material hovering in the sun's atmosphere - perhaps some of those “Trails [or “Trains”] of Blobs” 1st identified by Helios Satellites in 1970’s; or super-heated plasma particles named “Tadpoles” travelling at super-sonic speeds as recently

identified by NASA's "Parker Module" currently in orbit around the Sun (until 2025) - explodes into space.

The Sun's outer atmosphere is called the "Corona". It produces Solar Wind, which is an outflow of plasma particles - free ions and electrons - that expands into the space between planets. The solar Corona maintains temperatures in excess of 1,000,000 kelvin, whereas at the Sun's visible surface the temperature is just below 6,000k's.

The Sun is not only Earth's dominant energy source, it's variable Solar Wind compresses Earth's atmosphere, triggers Auroras, effect power grids, and can even damage orbiting communications satellites. (There is developing evidence that Solar Wind can also directly effect Earth's magnetism; volcanic activity; and earthquakes).

On August 31, 2012 a long filament of solar material that had been hovering in the sun's atmosphere (the corona) which erupted out into space. This coronal mass ejection - an immense cloud of magnetized particles - travelled at over 900 miles per second. The ability to forecast these kinds of events on the Sun are increasingly important to NASA and their astronauts - may be the Earth and its peoples generally. (The new research was led by Irina Kitiashvili, a researcher with the Bay Area Environmental Research Institute at NASA's Ames Research Center, in California's Silicon Valley. It combined observations from two Helios Satellite NASA space missions - the Solar and Heliospheric Observatory and the Solar Dynamics Observatory - with data collected since 1976 from the ground-based National Solar Observatory).

Sunspots are regions on the Sun with magnetic fields thousands of times stronger than the Earth's. Fewer of them at the point of maximum solar activity means fewer dangerous blasts of radiation.

Both the forecast and the improving ability to make such predictions about space weather are good news for mission planners who can schedule human exploration missions during periods of lower radiation, when possible. This science could well be expected to expand to climate understanding generally.

One challenge for researchers working to predict the Sun's activities is that scientists don't yet completely understand the inner workings of our star. NASA's "Parker Module" should greatly assist.

Additionally, some factors that play out deep inside the Sun cannot be measured directly. They have to be estimated from measurements of related phenomena on the solar surface, like sunspots.

Mathematically combining the data from the three sources of Sun observations with the estimates of its interior activity, generated a forecast designed to be more reliable than using any of those sources alone. In 2008 the researchers used this method to make their prediction, which was then put to the test as the current solar cycle unfolded over the last decade. It has performed well, with the forecast strength and timing of the solar maximum aligning closely with reality.

Knowing how the Sun will behave, can offer necessary insight to plan protections for our next explorers who will venture into deep space. It also lets us protect technology we depend on: satellite missions studying the universe from space, landers and rovers heading to the Moon and Mars, and the telecommunications satellites right in our own backyard. Such knowledge may well be the fore-runner to the creation of "New Science" for us all, and provide real explanations that the Climate Alarmists are recklessly and deceitfully using to suggest that Climate Change caused by man-made activities is real, rather than to admit to the promotion an entirely unrelated "Left" political issue(which is deceitful).

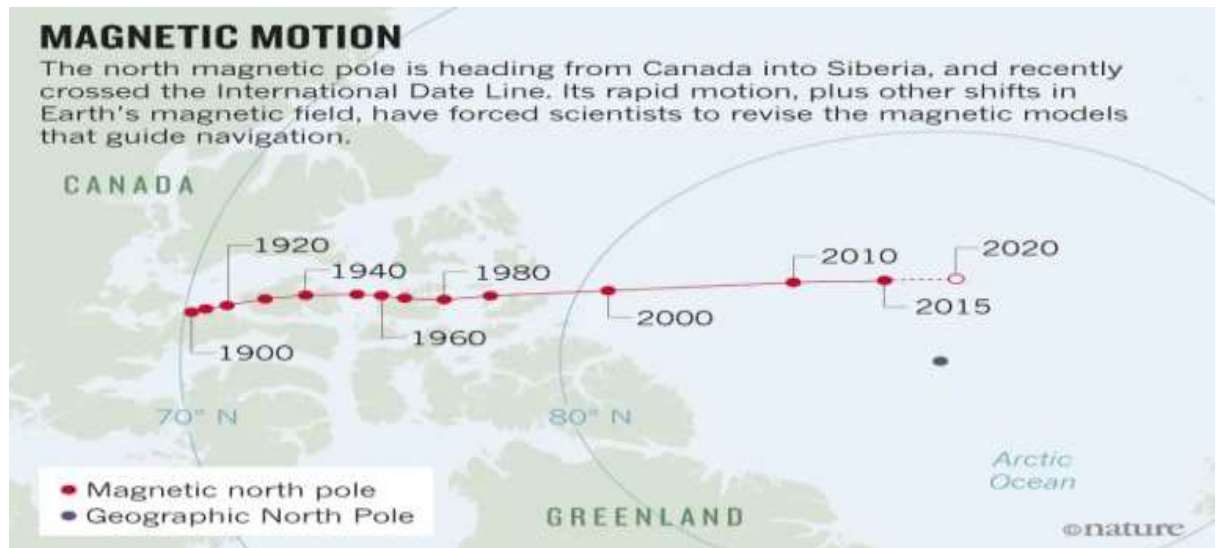


For general information, see -

<http://earthguide.ucsd.edu/virtualmuseum/virtualmuseum/SunCyclesandClimateChange.shtml>

- o See also Dr Judith L. Lean (Geophysicist; Senior Scientist for Sun-Earth System Research at the U.S. Naval Research Laboratory (NRL)) presentation - <https://oxfordre.com/climatescience/view/10.1093/acrefore/9780190228620.001.0001/acrefore-9780190228620-e-9> (*Her research Interests - The Earth resides in the astronomical neighbourhood of the Sun, whose electromagnetic radiation enables our terrestrial society. Solar energy at visible and infrared wavelengths heats the Earth's surface and powers the climate system. Solar ultraviolet radiation creates ozone in the atmosphere that protects the biosphere from harmful radiation at shorter wavelengths. Radiation in the EUV and X-ray spectrum controls the temperature and composition of the Earth's upper atmosphere and creates the ionosphere. Solar radiation varies continuously. Even the total radiative output- the so-called solar "constant" - exhibits fluctuations associated with the Sun's 11-year activity cycle, and may vary on longer time scales. Measurements and models of total, ultraviolet and extreme ultraviolet irradiance variability enable simulations of a wide variety of variable terrestrial phenomena on time scales from minutes to millennia. The Earth's responses to variations in solar energy output are well established in outer atmospheric layers, where temperature changes of hundreds of degrees occur during the 11-year solar cycle. Ozone levels and the state of the middle atmosphere also respond to variable solar inputs, but much less dramatically. The extent of climate change associated with solar variability remains controversial because substantial empirical evidence is, in general, inconsistent with present understanding of the mechanisms of climate change encapsulated in current general circulation models. The behaviour of the extended Sun-Earth system is of increasing importance for commerce and defence, as well as for policy making on issues of global change*). See also - <https://oxfordre.com/climatescience/view/10.1093/acrefore/9780190228620.001.0001/acrefore-9780190228620-e-9>
- o Earth's Magnetic Poles - EARTH'S MAGNETIC POLES ARE WANDERING (Article in "Electroverse" - Dec. 21, 2019 - <https://electroverse.net/gears-of-the-gods-earths-magnetic-poles-are-wandering/> "Our planet is restless, and its poles are wandering. The geographic north pole is still in the same place it always was, but its magnetic counterpart - indicated by the N on any compass - is roaming towards Siberia at a record-breaking pace, as reported by [sciencealert.com](http://sciencealert.com). It's worth stating that while the speed is remarkable, the movement itself isn't. The magnetic north pole is never truly stationary, owing to fluctuations in the flow of molten iron within the core of our planet, which affect how Earth's magnetic field behaves. Since its first formal discovery in 1831, the north magnetic pole has travelled around 1,400 miles (2,250 km)," the NOAA's National Centres for Environmental Information (NCEI) explains on its website..... That "slow" wander has quickened of late, however - in recent decades, the magnetic north pole accelerated to an average speed of 55 kilometres (34 miles) per year. The most recent data suggest its movement towards Russia may have slowed down to about 40 kilometres (25 miles) annually, but even so, compared to theoretical measurements going back hundreds of years, this a phenomenon scientists have never witnessed before. Scientists have differed about "cause" of magnetic movement (called "Magnetic Flips") - conflicted between "Super Nova" events (collision of a significant asteroid with Earth) and

“Super Solar Flares” (being flares from an enormous amount of plasma derived from a “Solar outburst” that arrived on Earth immediately after the micro-nova event occurred - the last thought to be circa 9700 BCE, where such bombardment of the Earth produced an effect similar to one or more major asteroid impacts). The existence of a glazing on the top surfaces of lunar rocks has been used as a strong argument for a “solar outburst” where the Sun increased its luminosity by over 100 times for 10 to 100s within the last 30,000 years - such a “solar outburst” (aka “solar flash” or “micro-nova”) could result in an Extinction Level Event. The debate continues – BUT it is clear – neither has anything to do with a man-made scenario!



(Article Dec. 21, 2019 in “Electroverse” - “EARTH’S MAGNETIC POLES ARE WANDERING” - <https://electroverse.net/gears-of-the-gods-earths-magnetic-poles-are-wandering/> )

- “New Science” is being created by NASA’s “Parker Module”. See mission explanation - <https://www.youtube.com/watch?v=t8IRBqr0Ub4> . The module is “over-performing” and has already transmitted back to Earth much unique, valuable data and imagery, including analysis of super-heated plasma particles being in 2 x formats -
  - i. “Tadpole-like” (never known of previously), see - <https://solarsystem.nasa.gov/news/851/solar-tadpole-like-jets-seen-with-nasas-iris-add-new-clue-to-age-old-mystery/>; and
  - ii. “Blob Trails” (or “Trains” - located in the Solar Wind of the Corona, oozing every 90 minutes approx. [may be produced continuously; may be in spurts] from the Sun’s surface, being 50 to 500 times the size of Earth, known about since NASA’s 2 x “Helios” modules 1st identified them in 1974/76; but not previously capable of being investigated], see - <https://www.nasa.gov/feature/goddard/2019/and-the-blobs-just-keep-on-coming>

Both above phenomena appear to be moving at super-sonic speeds, and both being within the Sun’s currently very unusually over-heated Corona [“atmosphere”], and its currently extended Aurora beyond Pluto [“illuminated umbrella” phenomena created by the Corona]]. Might these 2 x phenomena, or something similar to be discovered in further “Parker” fly-pasts of our Sun, just be a simple, but actual, explanation of why

temperatures on Earth perhaps are perhaps actually rising, especially in recent years, as being claimed - mainly by “scientists” who are not appropriately qualified to comment?!)

- (NASA appears to be entering an era of new understanding, especially of *Heliophysics*) currently in diminishing orbit of the Sun (down to eventually under 4,000,000 miles from the Sun’s surface by 2024), already completing 3 x orbits from approx. 15,000,000 miles from the Sun’s surface - *Photosphere* - discovering previously unknown super-heated Tadpoles and Blobs of Plasma particles flying at super-sonic speeds in the Sun’s Corona (*atmosphere*) and the unusually extended Aurora (*light effect emanating from the Corona*) which currently extends beyond Pluto. That reasonably allows the deduction that any activity on or around the Sun is quite capable of effecting Earth. When “Helios B” (*German-NASA joint initiative*) satellite in 1976 last encountered the Sun from 23,000,000 miles, that mission happened to catch 5 x instances of *trains [or trails] of blobs* in the Corona when studying the solar wind [those *blobs* were then called *pseudo-shocks*; previously seen from Earth, but otherwise nothing known about them. They came in “Trains or Trails” at approx. 90 minute intervals, or in spurts] and should not be confused with differently new superheated particles *Parker Probe* first identified - being called *Tadpoles*). These *Blobs* are like lava lamp’s otherworldly bubbles, are **50 to 500 times the size of Earth** and are found in the Solar Wind in the Corona; first discovered 45 years ago with its “Helios” craft - where long trains or trails of massive blobs were first identified and seen. Parker Solar Probe has provided conclusive evidence that these *blobs* are hotter and denser than the typical *solar wind*. May be just this simple discovery could be an explanation of hitherto unknown *Coronal Heating*; and any “Global Warming” being experienced on Earth - i.e. with the Sun’s Corona and Aurora being larger than ever previously known; and Sun Spot activity until recently increased more than usual! In this respect, NASA recently noted that that there has now been no “Sun Spots” activity all of a sudden for +200 continuous days this year - which they deduce will likely cause some global cooling as a result. This simple, but real example demonstrates how influential the Sun is likely to turn out to be as to our Climate.
- The Sun, and its radiation properties, has been known since time began for the Earth to operate in various phases. These phases are very confusing, and seem to overlap. We do not propose to detail these phases in this space. Sufficient to say, since time immemorial, these phases have caused Earth to warm and cool - sometimes to extremes that create ice-ages and desserts - such that places like Greenland, currently +80% covered with ice, was once farmable on most of its surface above sea-level, as it was not snow or ice covered. The thickness of the its ice-sheet currently is generally more than 2 km (1.2 mi) and over 3 km (1.9 mi) at its thickest point. Geochemist Scientists have concluded from sampled bedrock under the currently existing ice sheets that substantial areas of Greenland must have been ice-free for at least one episode of about 280,000 years during the past 1.1 million years. This must have occurred from some natural factor causing warming and cooling - and the Sun and it radiation effects are seen as the most likely. This demonstrates that factors are capable of being at work which we simply don’t understand – remember what Physicist Albert Einstein said – “*If you can't explain it simply, you don't understand it well enough*”!

- (N.B. - "This is part of that "New Science" predicted to be evolving - and especially from NASA's "Parker" Module, currently orbiting the Sun to within 15 million miles, which will ultimately be responsible for much "New Science", once it completes its planned 24 orbits of the Sun by getting to within 4 million miles of the Sun's surface by 2025. "New Science" is being derived from NASA's USD \$1.5 Billion "Parker Module" programme - remarkably, in current orbit of our Sun. "Parker's" 3rd of at least 24 orbits of our Sun in next 7 years happened on Sunday 01 Sept 2019. It will eventually descend to under 4 million miles from the Sun's surface. From its first 2 x passes of the Sun's Photosphere ["Surface"] the "Parker" module already has transmitted data about previously unknown super-heated plasma phenomena of "Tadpoles", as well as "Trains of Blobs" (observed first by NASA's "Helios 1" and "2" modules in 1970's - but no data gathered then) travelling at super-heated speeds, in an excessively over-heated Corona (with an unusually over-extended Aurora - beyond Pluto!  
For general, comprehensive information, see -  
<http://earthguide.ucsd.edu/virtualmuseum/virtualmuseum/SunCyclesandClimateChange.shtml>

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**12 - What will future generations say or think of us all when the reality of all the "Climate Change" alarmism / emergency is realised as having been the result of a "hoax"?**

After much of our personal investigation researching the alternative opinions about the science that is claimed to be involved with Global Warming, as suggested by the "alarmists", it becomes clear and apparent that science generally is being "used" for other nefarious purposes - i.e. by people who deliberately promote a "flawed", deceitful mantra - seemingly for evil purposes!

CO<sub>2</sub> and other GHG man-made emissions are claimed, by a myriad of Scientists not appropriately qualified, to cause Climate Change. This "flawed" claim turns out to be actually deceitful - but is eagerly and aggressively published by many forms of media. Recipients of those multi forms of media "swallow" the messages as "Gospel Truth", without exhibiting most often, a need to "Fact Check" any of it. Thus, the deceitfully wrong mantra "has grown enormous legs".

But to date, in the minds of many unsuspecting persons Worldwide, this claim both unwittingly nurtures and promotes a particular political ideology akin to "Agenda 21", utilising this deliberately circulated, irresponsible "recklessness" (with no regard to "due diligence" being exercised at any point). It seeks to establish, mainly by sheer weight of numbers, a "compelling", but flawed, hypothesis that appeals to social and popular media, to repeatedly expose. This revolving publication phenomena ends up deliberately distorting the REAL Science in order to get a "hoax" accepted as the actual applicable science to be followed. This is "Global Decay". That is an "EMERGENCY"!

**If Climate Change outcomes don't eventuate as the current mantra predicts, how do we all later save face with our future generations of "grandies" from having been so dammed irresponsible; gullible; and reckless so as to allow it to be enabled to affect us - perhaps financially and socially "ruin" us - and be just like "Y2K" at Year 2,000!?**

**Additionally, how will the deceit be countered when the nonsense of the current mantra becomes inevitably apparent (which we ask be sincerely and seriously considered now, because once realised, that mantra will be "spun" - and re-spun" - to maximum extent**

making it most difficult to assist those Deceivers “dig themselves out of the hole that they dug” for themselves)?

## Citizens of The World - GROW UP! We are being “HAD”!

### INFORMATION FOR THE WEBSITE -

- **One can reasonably ask** - How does biased, contemporary media propaganda of the current Climate Change mantra come to be allowed to actually saturate most of the public space, so as to deliberately confuse the associated underlying science, in order to succeed in having a dangerous, and unacceptable political ideology imposed?  
**Media in the 21<sup>st</sup> Century** has become a “Battle of the Sensational”. Media Moguls encourage their journalists to dwell almost exclusively on sensational outcomes, or the possibility of same. This allows those with evil political intents to utilise “Pseudo Scientists” to create, then camouflage, climate issues with inapplicable science conveniently concerning Climate Change issues.  
Social and Popular media now cause mass hysteria at the prospect, promoted by such “Deceivers” as the distinct chance of Armageddon!!!!
- That has immediately attracted mass attention, especially now promoted through education of the next generation at schools, as well as being promoted to all and sundry who are scientists, but not in fields of scientific studies that provide true insight into the applicable, but repeatedly backed up by popular media writing continuously about deteriorating weather - which is surreptitiously and ultimately blamed by a mass of persons stating that they are qualified in science disciplines to actually analyse the weather scenario, and find respite in editorials required by the Media Moguls (*Rockefeller Foundation* and the like) to sow the seeds of *Global Warming* (slowly, but surely expanded over time into - “*Climate Change*”; then “*Climate Emergency*” and now by some even as extreme as “*Extinction Rebellion*”)!
- The only “Emergency” involved, is that with effluxion of time, with then proof apparent being available that not one climate prediction of calamity has actually occurred, will mean that the “Deceivers” are actually in a very dark corner with nowhere to escape (just as occurred with the claimed deleterious phenomena of **Y2K** which never eventuated post Year 2,000 AD! However, it is believed by *Deniers*, and some REAL Scientists who have dared to speak out, that the *Deceiver’s* “spin” to avoid blame for their reckless deceit, once found out, will be inevitable, but “stunningly” unlikely to admit their deceit, or *left* political agenda being pursued! Once the truth is apparent - and it will most certainly will be eventually, because “REAL SCIENCE” will prevail - just how embarrassing are the realities and consequences going to be for a very large number of *Deceivers* and their misguided “disciples”?
- Some sectors of media have now become arrogant about Climate Change – to the extent of refusing to publish any commentary that is contrary to the popular Mantra of supporting CO<sub>2</sub> emission calamities. Even agricultural publications in NZ have adopted such editorial policy – unbelievably. BUT the worst seems to be a media organisation known as “Stuff”!

This defeats freedom of speech, and is highly undesirable in a "Free" Western democracy!  
See - <https://www.stuff.co.nz>

- Politicians face a slightly different scenario. They will bewilder their respective family's future generations. Grandchildren and beyond (dependant on how long the inevitability takes to materialise) will inevitably wish to know why their ancestor had been so reckless; so gullible; so lacking in need to exercise "due diligence" - such that they allowed such laws to be passed that were unscientifically based and motivated by influential evil political ideologists (including particularly those close to the U. N. and the IPCC) who cajoled them into inappropriate, unsupportable decisions so as to incur a huge unnecessary cost for the Nations, and unnecessary social and commercial upheaval for it peoples.
- Additionally, the politicians have all exhibited utterly fearfulness of apparently being booted out of "The Club of Nations" because they may just have alternatively chosen to listen to the real truth of REAL Science and appropriate scientist, and adopt contrary Climate policy and not have agreed to a "Zero Carbon emissions Act setting Paris Accord "targets". As a collective Parliament, they all (except one - David Seymour) rather opted to be "a show off" and be ahead of "The Pack of Nations" and thereby remain firmly secured in that "Club Pack of Nations" - so that NZ thereby was guaranteed to retain the ability to make Trade and other international "deals".

If NZ had rather chosen to adopt the REAL Science and reject CO<sub>2</sub> emission Climate Change mantra, then there would have been the perception that NZ politicians collective feared that NZ would be "out in the cold" so far as access to those Trade and other international "deals", and would have been denied by "The Club" to make International "deals" by not having fallen into line (as NZ had apparently promised to do by signing into the Paris Accord over Christmas a couple of years ago when its people had least possible notice of such action being taken (as actually occurred - thanks [I believe] Minister Murray McCully)!

David Seymour confirmed that "fear factor" scenario - i.e. the fear of being ostracised - during a Radio Magic interview with host Peter Williams on about his position in all of this!

If that is what World politics has become, then we should all consider - "god help us all"! BUT such fear mongering simply doesn't make sense! With China and USA (2 of our biggest trading markets anyway) together being the 2 x biggest global economies, but being together +44% of current global carbon emitters, with both being disaffected by the Paris Accord (for 2 x entirely different reasons), NZ remained "Trade Secure" as it would still have those 2 x large economies to trade with in the event that "The Club of Nations" ostracised NZ totally (i.e. from not having complied with their demand for NZ to adopt the CO<sub>2</sub> emission mantra - and all of it consequences)!

In other words, if NZ through its politicians had only seen sense and reverted to the REAL Scientific truth, even at the 11th hour, by hauling back from making this gigantic mistake, NZ would still have a safe, secure position of trade (and any other international "deals" offering), because USA and China at least would have not been concerned with our status under the Paris Accord, and could be dependable to continue to trade with. In such circumstances, NZ would have been able to economically survive - and certainly, it would cope in being "self-sufficient"!

- That lack of courage effectively “prostituted” NZ to the rest of the World in order to secure Trade and other International “deals. That was unacceptable to a significant sector of NZ Society - i.e. for the NZ National Party in Opposition to observe that notwithstanding that a significant piece of social legislation (“Climate Change Response (Zero Carbon) Amendment Act 2019”) was “deeply flawed”, they still voted “for” the Bill to place it into NZ Law (and their 3rd reading debate “cries” of promising to make 7 x amendments to that Act within 100 days of next being elected as the NZ Government, were irrelevant, as their amendments amounted to exchanging strawberries for kiwifruit as adornments on top of a pavlova dessert, as they didn’t seek to defeat the fundamental “framework of the Enactment agreed to notwithstanding)!!
- See - <https://quillette.com/2019/11/07/climate-change-assessing-the-worst-case-scenario/> for a recent balanced analysis (being one such commentary, of many) of predictions from many points of view, but none being from misguided, inappropriate science!

## Schedule

(500 Scientists send letter to U.N. - )

### Climate Scientists Write To UN: There Is No Climate Emergency

The full text of the **letter by 500 Scientists to UN - 24 September 2019** (Published December 12, 2019 by “WND” = A free Press for Free People, since 1997 – <https://www.wnd.com/> - through TECHNOCRACY NEWS - “A group of 500 esteemed scientists and professionals in climate science have officially notified the United Nations that there is no climate crisis and that spending trillions on a non-problem is ‘cruel and imprudent’”. This letter will not make it into national or global media, nor will it cause the UN to change its ways. If these same scientists understood Technocracy, they would change their battle strategy”. - TN Editor

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To - Professor Guus Berkhout

The Hague, Netherlands, [guus.berkhout@clintel.org](mailto:guus.berkhout@clintel.org)

and

Sr. António Guterres, Secretary-General, United Nations,

United Nations Headquarters, New York, NY 10017, United States of America.

and

Ms. Patricia Espinosa Cantellano, Executive Secretary,

United Nations Framework Convention on Climate Change,

UNFCCC Secretariat, UN Campus, Platz der Vereinten Nationen 1, 53113 Bonn,  
Germany

“Your Excellencies,

There is no climate emergency.

A global network of more than 500 knowledgeable and experienced scientists and professionals in climate and related fields have the honour to address to Your Excellencies the attached European Climate Declaration, for which the signatories to this letter are the national ambassadors.

The general-circulation models of climate on which international policy is at present founded are unfit for their purpose. Therefore, it is cruel as well as imprudent to advocate the squandering of trillions on the basis of results from such immature models. Current climate policies pointlessly, grievously undermine the economic system, putting lives at risk in countries denied access to affordable, continuous electrical power.

We urge you to follow a climate policy based on sound science, realistic economics and genuine concern for those harmed by costly but unnecessary attempts at mitigation.

We ask you to place the Declaration on the agenda of your imminent New York session.

We also invite you to organize with us a constructive high-level meeting between world-class scientists on both sides of the climate debate early in 2020. The meeting will give effect to the sound and ancient principle no less of sound science than of natural justice that both sides should be fully and fairly heard. Audiatur et altera pars!

Please let us know your thoughts about such a joint meeting.

Yours sincerely, ambassadors of the European Climate Declaration,

Professor Guus Berkhout	The Netherlands
Professor Richard Lindzen	USA
Professor Reynald Du Berger	French Canada
Professor Ingemar Nordin	Sweden
Terry Dunleavy	New Zealand
Jim O’Brien	Rep. of Ireland
Viv Forbes	Australia
Professor Alberto Prestininzi	Italy
Professor Jeffrey Foss	English Canada
Professor Benoît Rittaud	France
Morten Jødal	Norway
Professor Fritz Vahrenholt	Germany



Rob Lemeire

Belgium

The Viscount Monckton of Brenchley

UK”

And attached thereto -

“There is no climate emergency

A global network of 500 scientists and professionals has prepared this urgent message. Climate science should be less political, while climate politics should be more scientific. Scientists should openly address the uncertainties and exaggerations in their predictions of global warming, while politicians should dispassionately count the real benefits as well as the imagined costs of adaptation to global warming, and the real costs as well as the imagined benefits of mitigation.

Natural as well as anthropogenic factors cause warming

The geological archive reveals that Earth’s climate has varied as long as the planet has existed, with natural cold and warm phases. The Little Ice Age ended as recently as 1850. Therefore, it is no surprise that we now are experiencing a period of warming.

Warming is far slower than predicted

The world has warmed at less than half the originally-predicted rate, and at less than half the rate to be expected on the basis of net anthropogenic forcing and radiative imbalance. It tells us that we are far from understanding climate change.

Climate policy relies on inadequate models

Climate models have many shortcomings and are not remotely plausible as policy tools. Moreover, they most likely exaggerate the effect of greenhouse gases such as CO<sub>2</sub>. In addition, they ignore the fact that enriching the atmosphere with CO<sub>2</sub> is beneficial.

CO<sub>2</sub> is plant food, the basis of all life on Earth

CO<sub>2</sub> is not a pollutant. It is essential to all life on Earth. Photosynthesis is a blessing. More CO<sub>2</sub> is beneficial for nature, greening the Earth: additional CO<sub>2</sub> in the air has promoted growth in global plant biomass. It is also good for agriculture, increasing the yields of crop worldwide.

Global warming has not increased natural disasters

There is no statistical evidence that global warming is intensifying hurricanes, floods, droughts and suchlike natural disasters, or making them more frequent. However, CO<sub>2</sub>-mitigation measures are as damaging as they are costly. For instance, wind turbines kill birds and bats, and palm-oil plantations destroy the biodiversity of the rainforests.

Policy must respect scientific and economic realities

There is no climate emergency. Therefore, there is no cause for panic and alarm. We strongly oppose the harmful and unrealistic net-zero CO<sub>2</sub> policy proposed for 2050. If better approaches emerge, and they certainly will, we have ample time to reflect and

adapt. The aim of international policy should be to provide reliable and affordable energy at all times, and throughout the world”

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Also published on that same website - <https://www.europereloaded.com/500-climate-scientists-write-to-un-there-is-no-climate-emergency/>

100 scientific papers: CO2 has minuscule effect on climate + 500 Scientists advise UN – Ch = HOAX

Increasing evidence destroys primary claim of alarmists

Within the past few years, more than 50 papers have been added to a compilation of scientific studies that refute the primary claim of climate-change activists that CO2 causes global warming. The papers compiled by the **NoTricksZone** website, now numbering 106, find that CO2 has a minuscule effect on climate. Words such as "negligible" are used to describe CO2's effect on the climate.

A 2019 paper, for example, noted that the "enhancement of the atmospheric greenhouse effect due to the increase in the atmospheric greenhouse gases is often considered as responsible for global warming."

But the analysis by Costas Varotsos and M.N. Efstathiou of the National and Kapodistrian University of Athens "did not show a consistent warming with gradual increase (in CO2) in low to high latitudes in both hemispheres, as it should be from the global warming theory."

"Based on these results and bearing in mind that the climate system is complicated and complex with the existing uncertainties in the climate predictions, it is not possible to reliably support the view of the presence of global warming in the sense of an enhanced greenhouse effect due to human activities," the researchers write.

WND reported in September an MIT-trained scientist who has specialized for nearly 25 years in abnormal weather and climate change published a book explaining why he believes the data underpinning global-warming science are unreliable.

Mototaka Nakamura, who earned a doctorate of science from MIT, has conducted his work at prestigious institutions such as MIT, Georgia Institute of Technology, NASA, Jet Propulsion Laboratory, California Institute of Technology and Duke University, reported the website *Electroverse*.

In his book "The Global Warming Hypothesis is an Unproven Hypothesis," Nakamura explained why global mean temperatures before 1980 are based on "untrustworthy data."

"Before full planet surface observation by satellite began in 1980, only a small part of the Earth had been observed for temperatures with only a certain amount of accuracy and frequency," he says. "Across the globe, only North America and Western Europe have trustworthy temperature data dating back to the 19th century."

Earlier in September, a group of 500 scientists and professionals in climate science wrote a letter [see below reproduced in full] to the United Nations contending there is no climate crisis and that spending trillions on the issue is "cruel and imprudent." They urged the U.N. to "follow a climate policy based on sound science, realistic economics and genuine concern for those harmed by costly but unnecessary attempts at mitigation."

Testing 'regarded as heresy'

*Electroverse* noted that today's "global warming science" is built on the work of a few climate modelers who claim to have demonstrated that human-derived CO2 emissions are the cause of recently rising temperatures "and have then simply projected that warming forward."

"Every climate researcher thereafter has taken the results of these original models as a given, and we're even at the stage now where merely testing their validity is regarded as heresy."

**Richard Lindzen**, an emeritus professor of atmospheric sciences at MIT, who has published more than 200 scientific papers, says in a video produced by PragerU - "it seems that the less the climate changes, the louder the voices of the climate alarmists get."

He pointed out that the United Nations International Panel on Climate Change, the IPCC, admitted in its 2007 paper that the "long-term prediction of future climate states is not possible."

The truth is, the professor said, that climate-change scientists and "skeptics" in the scientific community agree that the climate is always changing and that over the past two centuries, the global mean temperature has increased slightly and erratically by about 1.8 degrees [approx. 1°C] Fahrenheit.

So, why are so many people panic-stricken, including some who are warning the world has only 12 years left to save itself?

He points to politicians, activists and media. "Global warming provides them, more than any other issue, with the things they most want," he said.

For politicians, it's power and money; for activists, it's money for their organizations and "confirmation of their near-religious devotion to the idea that man is a destructive force acting upon nature." For the media, Lindzen says, it's ideology, money and headlines.

"Doomsday scenarios sell." 500 Climate Scientists Write To UN: There Is No Climate Emergency

September 24, 2019

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100 scientific papers: CO2 has minuscule effect on climate + 500 Scientists advise UN – Cl Ch = HOAX

<https://www.europereloaded.com/500-climate-scientists-write-to-un-there-is-no-climate-emergency/>

100 scientific papers: CO2 has minuscule effect on climate

Increasing evidence destroys primary claim of alarmists

WND Staff Published December 12, 2019 at 7:44pm (500 scientist letter 24 Sept 2019)

("WND" = A free Press for Free People – since 1997 – <https://www.wnd.com/>)

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Alan Trotter (LLB, NZ); 31 December 2019