

# Mann Made Climate Change

## Non-science

This is a handout available for those attending my talk and is for private use only. It is not intended for publication or sale. Only to educate and challenge.

*Geologists (like myself) are not climate change deniers, for our science speaks of a climate that always changes. In contrast, those proposing a “pre-industrial normal” neglect to recognise this climate variability, consequently failing to appreciate that the current warming is not unprecedented by any metric.*

*The IPCC actively ignores any science that contradicts its pre-determined narrative. Generations of children suffer from climate anxiety, whilst schools attempt to teach them WHAT to think, not HOW to think. Science classes should train students to think critically, because in science, nothing is ever settled. Identifying and debating facts always leads to a better understanding of nature, rather than claiming consensus or authority.*

*But like any good detective story, the web of pseudoscience peddled by the IPCC quickly unravels before the available evidence. By ignoring past climatic variability, the Paris Climate Accord is just a futile attempt to return our climate to the longest and coldest period of the current interglacial, known as the Little Ice Age. The current warming should be more correctly recognised as a pleasant recovery to more average interglacial temperatures, not a portent of doom.*

*Science has shown that variable solar input has been the dominant driver of global climate. Before we engage in a potentially futile attempt to control global climate by reducing a trace atmospheric gas, each of us should seek evidence, discuss alternatives and expose man-made climate change to scrutiny and challenge. We should expect no less from our politicians, media, teachers and the broader scientific community.*

*My challenge to the reader is quite simple. If you can find empirical evidence that proves atmospheric CO<sub>2</sub> has **ever** driven climate change on Earth, please send it to me. Then I won't have to give this talk again.*

*Beforehand however, you should broadly understand how science works and what constitutes empirical evidence. Oh yes, and you must ignore hockey sticks!*

## About the Author

My career as a practising geologist spanned almost 4 decades, beginning as a field geologist and ending in several managerial roles. Whilst working, I graduated with a PhD degree from Newcastle University in 2007, Australia. Now that I am retired, however, I have no reason to be financially or emotionally compromised when presenting on this topic.

This booklet was originally developed as a handout supporting a talk I have been giving locally. My motivation for speaking out on this topic lies in my advocacy for science and a corresponding disdain for the distortion of The Scientific Method. The non-science underlying man-made (anthropogenic) climate change relies on large amounts of misinformation, concealment of facts, exaggeration and untruths. It requires my science to be subjugated and distorted to support a flawed narrative. The same methods of distortion have been used by creation scientists, to support the notion that the earth is only several thousand years old. I see many parallels between the non-science of creation science and man-made climate change, despite claims that their science is somehow settled. On the contrary, scientists know full well that science is never settled.

The bedrock of this booklet and my talk is really very simple; please provide scientifically valid, empirical evidence to prove that CO<sub>2</sub> has driven global climate change. This challenge has remained an unfulfilled quest ever since I was exposed to this non-science in the late 1980's.

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## CHAPTER 1: INTRODUCTION

Geologists like myself are over represented as “climate change skeptics”. This is a result of our exposure to a substantial volume of “inconvenient science” that contradicts the hypothesis of catastrophic Man-Made Climate Change (MMCC). However, we are not climate change deniers as often claimed, for we know the climate has always been changing.

I understand that you may not consider geologists to be climate scientists, however, our science integrates all processes of the planet, including the evolution of life, the atmosphere and past climates. A perspective that spans billions of years, not merely the last 200 years. Geologists are therefore well qualified to challenge the science behind MMCC.

Geologists refer to the “Law of Uniformitarianism” to best understand the earth’s past and to guide exploration. This law requires geologists to refer to current physical processes in order to decipher the features we find preserved in the rocks. MMCC proponents would do well to reverse the application of this Law, recognising that in order to predict future climates, one must first understand past climates and their causes.



A 2 million-year-old trunk from a larch tree still stuck in the permafrost within the coastal deposits in northern Greenland (Van de Valk T. et. al. 2021)

What do climate changes that occurred before the industrial revolution look like? This tree trunk (above), now encased in permafrost, is evidence that only two million years ago, Greenland supported forests, rain fell and rivers flowed. Recovered DNA from the surrounding sediments testifies to a diverse fauna including mastodons and numerous mammals (Van de Valk et. al., 2021). This warmer climate occurred despite CO<sub>2</sub> being less than the present day, at about 250ppm.

Recent evidence (Bierman et al 2024) has confirmed that the Greenland ice sheet has retreated several times over the last 2 million years. It was initially thought that the sediments at the base of various ice cores were extremely old. Recent dating of this material however found that these sediments were laid down within the last 2 million years, all whilst CO<sub>2</sub> was generally less than 300ppm. The samples were found to contain pieces of wood, many types of seeds, the remains of insects as well as signs of soil development. These features were described as being typical of an open forested tundra type environment.

The UN based Intergovernmental Panel of Climate Change (IPCC) has a long history of actively ignores these ancient climate changes. The IPCC, backed by some media outlets, claim there is both an overwhelming scientific consensus in MMCC and that the science of MMCC is settled. We are told to just respect the science. However, none of these appeals are in any way scientific notions. Such claims of authority and a settled science, have always been used to prevent scrutiny and obstruct challenge, often in an attempt to conceal a lack of evidence.

The IPCC claims to be the scientific authority in this field and too many of us cede the burden of proof to this organisation. You do not need university training to investigate their claims. Common sense and critical thinking are excellent tools to help identify truth from falsehood, science from non-science.

The proposed remedy of saving the planet by reducing atmospheric CO<sub>2</sub>, involves enormous costs, geopolitical risks, environmental consequences,

as well as a loss of industry and employment opportunities. Before heading down this path, each of us should seek the evidence (if it indeed exists), discuss alternatives and expose MMCC to scrutiny and challenge. We should expect no less from our politicians, media, teachers and scientific organisations.

## CHAPTER 2: A LOCAL STORY

Now a local story to put this debate into focus. Back in 2021 Gina Rinehart was asked to address students at the centenary of the school where she graduated in western Perth. She recalled her reaction a decade before, on finding students being repeatedly shown Al Gore's movie "An Inconvenient Truth". Her video address was subsequently heavily edited by the school.

In her speech she asked of the current students: "...always search for the facts. Even if the tide is against you. Facts may not be popular, but that does not mean they should be overlooked."

The Principal responded: "Whilst the school encourages students to analyse the facts, the school does not endorse the climate views in Gina's address". An IPCC expert went further, suggesting to the ABC that Gina should just stick to **reputable science**, and it was right she be cancelled as she did not have any scientific standing.

So, do you think it was OK that Gina be cancelled?

- Common sense and critical thinking have always been valuable tools of scientific enquiry. I am sure Gina possesses these attributes despite not having a science degree.
- Schools should teach how science actually works, including that nothing in science is ever settled. **Without challenge, science will not progress.**
- Students should be taught **HOW to think**, not **WHAT to think**.
- Apparently, only one side of this debate is supported by **reputable science**.

This last point does not survive even cursory scientific scrutiny. In 2007 Al Gore's movie was exposed by the High Court in London to be "littered with untruths, alarmism and exaggeration, whilst the apocalyptic vision presented, was not considered an impartial analysis of climate change science". The Judge went substantially further, warning against showing the movie in schools across England.

**Is this the reputable science** that Gina's critic was referring to? Were either of St Hilda's principals aware of this ruling? And shockingly, **Al Gore is not a scientist**. He is a politician with a BA in "Governing". Is he therefore more scientifically qualified than Gina?

Meanwhile, we are consistently exposed to shrill warnings such as:

***"We have 10 years to save the planet from turning it into a total frying pan."***  
(AL Gore, 2006)

***"We have 50 days to save the world from global warming."*** (Gordon Brown, UK PM, 2009)

***"The world has just 10 years to avoid climate catastrophe."*** (Maurice Strong, Director of UNEP, 1972)

***"We have fewer than 10 years....we are the last generation on Earth that can save the planet."*** (David Suzuki, 1990)

***"Mankind will go extinct unless humans stop using fossil fuels by 2023".***  
***oops*** – (Greta Thunberg, 2018, **post recently taken down!**)

Our youth are now suffering from climate anxiety. Is it right to scare our kids like this? How can we critically assess all these warnings? We would be wise to utilise the Scientific Method in this endeavour, rather than relying on instruments of the state to determine the truth. Science has worked far better for hundreds of years, enabling us to discern fact from fiction.

A Senate Committee recently reported to our Government (Comm. of Aust. 2026), claiming that any **disagreement with the IPCC narrative was**

**illegitimate climate misinformation**, being spread to create confusion and hinder the state's net-zero policy objectives. A recent survey was presented to this Committee to illustrate a very dire situation, that misinformation had already convinced **over a third of Australians that climate change is just a natural process, and that the science behind MMCC is not settled.**

During an ABC Insiders interview in late 2025, Chris Bowen stated that only **cranks and crackpots** wish to abandon the Paris Accord and our net-zero targets. He urged to stop the spread of misinformation, **climate change deniers must be given the facts by the rest of us.** Following this interview, I asked both the ABC and Bowen's Department to provide proof that CO2 causes climate change. **I am still waiting.**

Remarkably, Bowen's Department also failed to provide this evidence to the Senate Committee, following a request by a participating senator! The absence of any empirical evidence to support MMCC is the main challenge of my talk. Without any evidence how is climate misinformation initially identified, and then how are its origins identified.

### **CHAPTER 3: SO HOW DOES SCIENCE ACTUALLY WORK?**

The Scientific Method requires that any hypothesis (idea) must pass the following tests for it to be regarded as a theory with predictive powers:

1. It must fit all available facts.
2. It must make useful predictions (or it has no value).
3. At least one prediction must be identified that proves the idea false (that is, the idea is falsifiable).
4. Evidence must be repeatable and available for independent verification (that is it is empirical).
5. A peer review process should ensure the idea complies with the above points.

When successfully validated by these tests, a hypothesis may graduate as a theory with predictive powers. If someone tells you “Well it’s only a theory” they are demonstrating that they do not understand how science works.

Alternatively, how can you identify non-science?

1. A theory is never proven by consensus or authority. **This is politics or faith, not science.** Claiming consensus is usually an admission of an absence of science. Nobody claims it is by consensus that we know the earth orbits the sun, or that  $E=mc^2$  is agreed by authority.
2. Data that contradicts the theory must be dealt with. **Active ignorance of such data is scientific fraud.**
3. Name-calling is a tactic used to delegitimise an opponent. **Resorting to insults signals a lack of factual evidence.**
4. A theory always remains open to challenge. This is how science progresses. **Claiming that a theory is settled is only propaganda.**
5. **Only one fact is capable of disproving any theory.**

(Einstein, commenting on *100 Scientists Against Relativity* said “To defeat relativity one does not need the word of 100 scientists, just one fact.”)

To better explain how science actually works, an example may help. A geologist’s career, like my own, is driven by science and the various steps towards knowledge follow closely the same steps.

The geologist has an idea of where something valuable may be found below the surface. Whilst developing the idea **all available evidence including contradictory data must be incorporated and discussed.**

The idea (or hypothesis) is then presented to company management, which in this case represents the **peer review**. If the hypothesis passes this test, management may authorise exploration costing millions of dollars. Failure and the theory is discarded, or at best modified. This is the **falsifiable test**.



Success promotes the fortunes of both the company and the career of the geologist. However, they all understand they may have just been lucky. Testing with more exploration continues. The **science is never settled**.

#### **CHAPTER 4: THE HISTORY OF ATMOSPHERIC CARBON DIOXIDE (CO<sub>2</sub>)**

After its formation, the Earth's atmosphere held about 300,000ppm of atmospheric CO<sub>2</sub>, or 30%. This CO<sub>2</sub> was gradually consumed over billions of years, due to the evolution of algae and various geological processes such as being incorporated in carbon bearing rocks. About 2 billion years ago oxygen had fallen to about 1%, resulting in the oceans rusting and large deposits of iron ore being deposited in shallow seas.

Atmospheric CO<sub>2</sub> fell to around 7000ppm (0.7%) by 600myrs ago, and then continued to fall largely in response to the evolution of land plants, to current levels of 200-400ppm (0.02 to 0.04%).

Conversely, if CO<sub>2</sub> would fall below 150ppm (known colloquially as the "death line" (Tripathi et al 2009)), plant life will start to suffocate with catastrophic implications for all life on the planet. During the last ice age that peaked 20,000 years ago, CO<sub>2</sub> levels were treacherously low (about 180ppm). It is worth noting that atmospheric CO<sub>2</sub> was this low once before, just prior to the largest mass extinction on earth, about 250myrs ago.

Atmospheric CO<sub>2</sub> is not a pollutant as often claimed. It is vital to all life on the earth's surface. About 25% of atmospheric CO<sub>2</sub> is recycled naturally each year unlike a pollutant, that accumulates.

About 95% of the greenhouse effect of our atmosphere is driven by water vapour that overwhelms almost every individual wavelength influenced by CO<sub>2</sub> (Poyet 2022; Koutsoyiannas 2021; Vinos 2022).

Why did the ancient oceans not boil away at such high levels of CO<sub>2</sub> in the earth's distant past? The greenhouse effect of CO<sub>2</sub> has been calculated (using the Planck Curve) to reduce exponentially each time the proportion of CO<sub>2</sub> in the atmosphere doubles (Vinos 2022; Wijngarden and Happer 2020). It appears the greatest impact of a rise of man-made atmospheric CO<sub>2</sub>, may already be behind us. However, merely identifying that CO<sub>2</sub> has greenhouse properties in a lab does not prove it has ever driven global climate change. The IPCC ignores this **modern physics** to support their narrative.

## CHAPTER 5: THE ILLOGICAL LEAP

Geologists know from studying fossils and rocks from around the world that the earth's climate has always been changing. It therefore makes common sense that to prove MMCC is both man-made and represents an existential threat to the planet, it is not sufficient to merely prove the climate is currently changing, nor that CO<sub>2</sub> levels in the atmosphere are rising. The debate is more subtle than that. Empirical evidence for **two separate hypotheses** must be identified:

1. That the current warming is unprecedented and therefore not potentially just another natural variation. If similar climate changes have occurred repeatedly in the past without catastrophic consequences, how can it be claimed that the current climate change represents a global existential threat. Put simply, what is all the fuss about?

2. That atmospheric CO2 is largely responsible for the current warming.  
More critically, has CO2 ever driven climate change on Earth?

By failing to address both these two hypotheses, one is then free to propose “illogical leaps”. An illogical leap goes something like “the planet is warming...causing these bad outcomes” followed by “we must act now to stop climate change”. Without individually resolving both hypotheses, others can neither assess the danger (is it really that catastrophic), nor know if mankind can stop it in any case!

### THE ILLOGICAL LEAP.....

If we fail to address these two hypotheses we have broken logic, what I call the ILLOGICAL LEAP...



Is it unprecedented?

Is it caused by our CO2?

1. Our climate is changing causing bad stuff...

2. We must act now

**By failing to address these two hypotheses we cannot**

- 1. assess the impacts (i.e. is it really catastrophic?), nor**
- 2. know if we can stop it anyway!**

Illogical leaps include the following examples:

1. **Turtles are facing extinction and we must act now.** Turtles have been around for 200 million years and experienced global temperatures up to 10 degrees warmer than today and CO2 levels up to 2000ppm, five times the levels of the present day.
2. **Coral reefs face their greatest threat from climate change and we must act now.** Most reefs (including our Great Barrier Reef) have

existed in their current forms and location since sea levels rose after the last ice age ended 11'000 years ago. During this time equatorial regions likely experienced temperatures up to 2 degrees warmer than today. Coral Reefs have also thrived in oceans for over 550 million years whilst global temperatures were 10-15 degrees warmer than today and atmospheric CO2 levels up to 6-7000ppm.

3. **Polar Bears are threatened with extinction because of global warming and we must act now.** Polar Bears have existed for around 1 million years, enduring several ice ages and interglacial periods that included times significantly warmer than today.
4. **Human civilisation is threatened by the current warming.** This is claimed despite humanity thriving in temperatures up to 4 degrees warmer than today. Human civilisation flourished during the warmest times of the current interglacial, known as the Holocene Optimum (not the Holocene Boiling!).

Common sense alone suggests that a warmer planet cannot be considered an existential threat to any of these species. These illogical leaps are not scientifically based and should be recognised for what they are - (climate misinformation aimed to alarm the general public). They are great fodder for the general public and are constantly promoted by our news media. They become very annoying once you learn to recognise them.

## **CHAPTER 6: INTRODUCING MANN'S HOCKEY STICK GRAPH**

The extra **n** in the title of my talk is not a typo but is in recognition of Michael Mann's contribution to the non-science of MMCC, being his infamous Hockey Stick Graph (Mann et al 1998 and 1999). This graph made its first public appearance in the 2001 IPCC Summary Report (Figure 1).

Mann's graph suggest that there has been 900 years of climate nirvana, colloquially called the "pre-industrial normal" by the IPCC. During this

“normal” there were no climate changes, whilst the only climate change coincided with rising atmospheric CO<sub>2</sub>, during the Industrial Revolution.

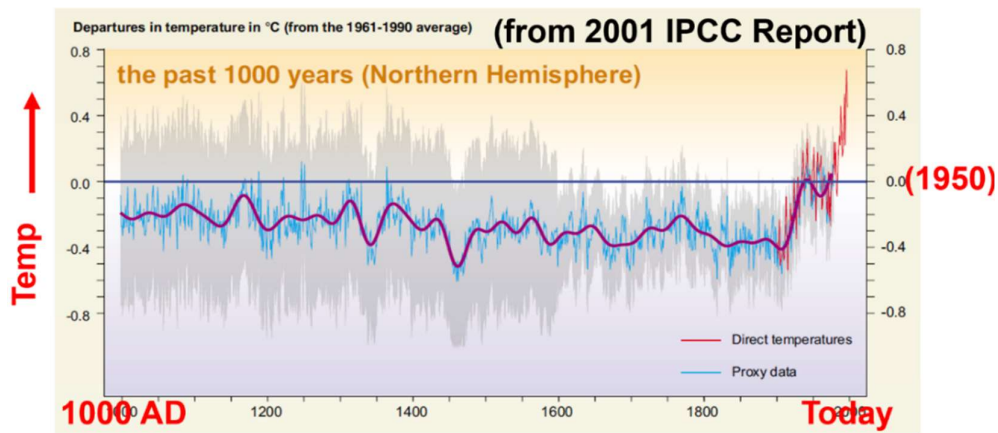


Figure 1: Mann’s Hockey Stick, (modified after 2001 IPCC Summary Report; Mann et al 1999; refer also to Crowley and Berner 2001)

However, what is not well publicised is that Mann’s graph has been comprehensively debunked in the scientific literature (i.e. McIntyre and McKittrick 2003) and in several books (Plimer 2009, Steyn 2015 and Montford 2015). Mann’s research has also been exposed as a fraud in multiple court actions, such as the Supreme Court of British Columbia: Mann vs Ball 2017. Mann himself initiated all these court actions in an attempt to stifle criticism and avoid releasing the data behind his graph. Clearly, this is not how reputable science should work. On losing the Mann vs Ball case, Mann was ordered to pay Ball’s costs. However, up until Ball’s recent death he has failed to comply with this court order.

Mann’s graph was used by Al Gore in his film “An Inconvenient Truth” (Figure 2), to suggest a causal relationship between rising CO<sub>2</sub> and global temperatures. This apparent correlation is not only coincidental but is not scientific in any way, as will be explained in a later chapter. The ongoing use of this graph by the IPCC, as late as 2021 (IPCC 2021), confirms that the real climate change deniers are scientists like Michael Mann, activists like Al Gore and those within the IPCC.

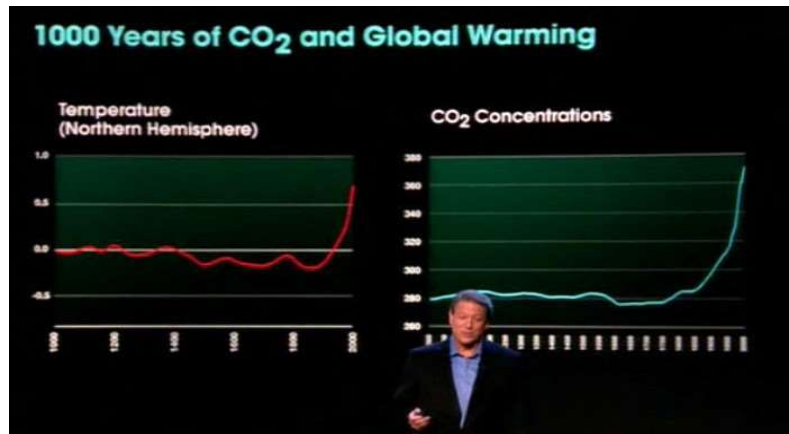


Figure 2: The sole proof in Al Gore’s documentary “An Inconvenient Truth” is the apparent correlation between atmospheric CO<sub>2</sub> (right) and global temperature (Mann’s graph left).

## CHAPTER 7: THE INCONVENIENT SCIENCE THAT CONTRADICTS MMCC

Before continuing, a word about graphs. Keep in mind that like statistics, a graph can be manipulated to suit an argument. This can be achieved by manipulating the axes of the graph or selecting only data that fits the desired narrative.

However, the grand misconception about graphs is that a correlation does not prove causation, nor can a graph identify which causes what. More empirical evidence from the real world is required to support any proposed links between different data sets that show a correlation.



The graph above suggests that changing beachwear may be responsible for the current warming. Common sense alone suggests no such correlation exists. Yes, this example is merely a joke.

Now for real science. The first graph from the geological archives (Figure 3 below) can be found online and is sourced from a large and diverse range of scientific research spanning decades (i.e. Berner 2001, Scotese 1999 and Poyet 2022). The 550myr timescale used is relevant to this discussion as it encompasses the entire evolution of multicellular life. Also, the geological processes operating during this time frame, are considered to be equivalent to what exist today.

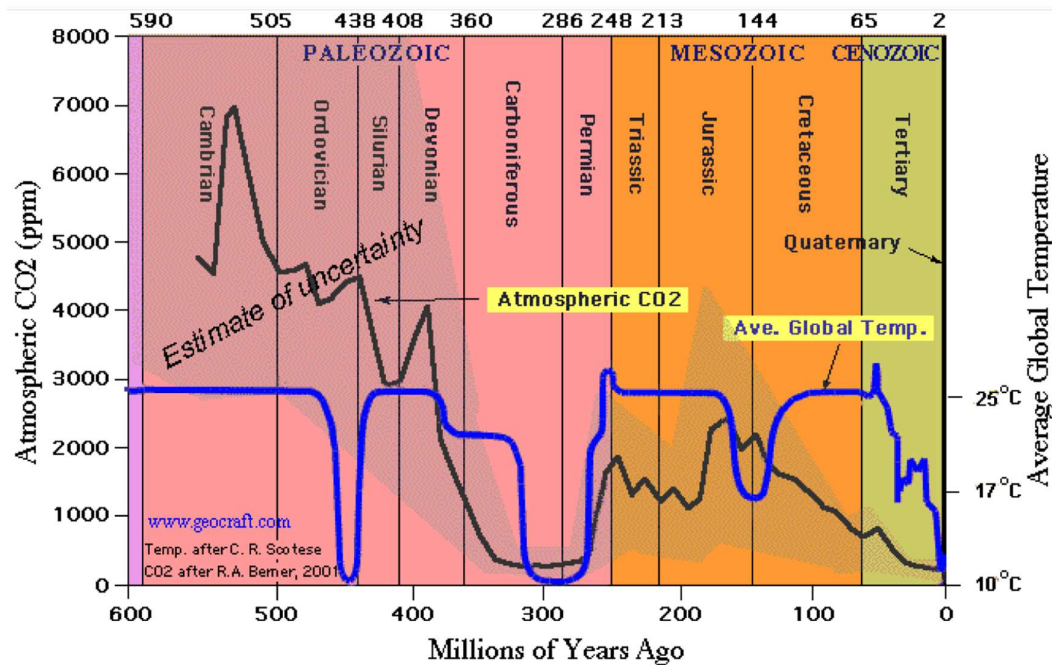


Figure 3: Global Temperature and Atmospheric CO2 over 550myrs: after Sheirs 2014: Created from carbon dioxide concentrations (Berner 2001) and global mean surface temperature (Scotese 1999)

Temperature and atmospheric CO2 have been estimated using various proxies, including inter-continental correlations of sediments and fossils, studies of sedimentary deposits, as well as isotopic studies of rocks and

minerals that respond to ancient atmosphere and climates. The science used has been validated by decades of research and challenge, being the culmination of thousands of observations by hundreds of scientists. This process results in a piece of science being termed “archival”.

From this graph, temperatures over the last 550myrs appear to have generally been up to 10-15 degrees warmer than today. This is supported by the fact that the planet more often than not was devoid of ice at the poles. Overlaid on this warmer climate are major cold climate shifts that have a periodicity of about 150myrs. We are experiencing one of these cooler cycles today. They have been linked to times of poor solar radiation caused by our solar system periodically passing through a spiral arm of our galaxy (Shaviv N. J. and Veizer J., 2003). Increased interstellar dust periodically reducing the solar flux here on earth, is the likely cause.

In contrast, atmospheric CO<sub>2</sub> levels have been broadly falling over this time, driven by the evolution of land plants (450-250myrs ago). The most recent fall was driven by the arrival of flowering plants (since 150myrs ago) that now dominate the land surface, consuming increasing amounts of CO<sub>2</sub>.

What is clearly apparent from this graph and the underlying science, is that there is no correlation between CO<sub>2</sub> and global temperatures over this time frame. They are in fact dancing to their own very different tunes. In particular, note the ice age that peaked around 450myrs ago, which occurred when atmospheric CO<sub>2</sub> was 10 times what it is today. During all these times, the oceans did not acidify, there were no “tipping points”, nor did the earth suffer a runaway greenhouse.

The greatest mass extinction recorded by science during this time frame occurred near 250myrs ago and is known as the Great Permian Mass Extinction. This event was likely caused by several factors, including asteroid impacts, volcanism and possibly supernovas. At this time, the largest documented volcanic event deposited the Siberian Traps, an event that may have been triggered by numerous asteroid impacts. This volcanic event involved the release of considerable quantities of gases, including H<sub>2</sub>S, which resulted in millions of years of acid rain. It is also possible that

the very low levels of atmospheric CO2 leading up to this event may have also contributed by limiting plant growth, a situation we are close to repeating today. The death of 96% of all species during this event caused the subsequent return of large amounts of carbon to the atmosphere, oceans, soil and rocks.

The next graph incorporates a time scale encompassing the last 400 thousand years (Figure 4a). It is predominantly derived from ice core proxy data (Beisner 2017). This time frame encompasses several glacial and interglacial periods during the current cold mega-cycle that started about 50 myrs ago. This graph does show a good correlation between global temperature and atmospheric CO2! But critically, which is causing what? Where is the CO2 coming from, and returning to, on such a regular and periodic basis? Humans cannot be implicated as no industrial revolutions existed back then!

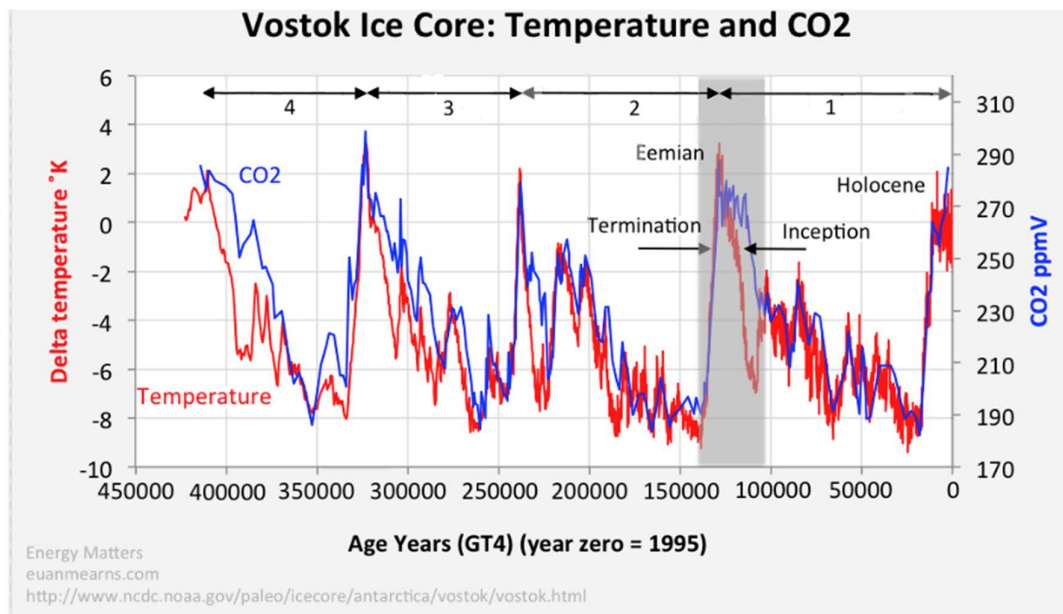


Figure 4a: Ice Core Data Showing CO2 and Temperature over the last 400,000 years (after Beisner 2017)

Figure 4b (below) zooms in on the previous interglacial, known as the Eemian. The Eemian interglacial was generally 2-6 degrees warmer and sea

levels were 4-6 metres higher than the present interglacial (Cuffey and Marshall 2000; Kukha 2000), all whilst CO<sub>2</sub> levels varied between 260-280ppm.

It is clear that CO<sub>2</sub> lags global temperature by hundreds of years (Beisner 2017; Monnin et al., 2001; Mudelsee M, 2001; Caillon et al., 2003). Atmospheric CO<sub>2</sub> has also been shown to lag the warming as the last ice age ended (Indermuhle et al 2000).

This correlation reflects a mechanism known as Henry's Law, that describes the behaviour of dissolved gases in a liquid at different temperatures. The oceans contain approximately 50 times the CO<sub>2</sub> present in the atmosphere (Caillon et al 2003). As the planet warms substantial quantities of CO<sub>2</sub> are released into the atmosphere. When the planet cools the oceans absorb atmospheric CO<sub>2</sub> and vice versa. Atmospheric CO<sub>2</sub> is a **symptom of climate change, not a cause.**

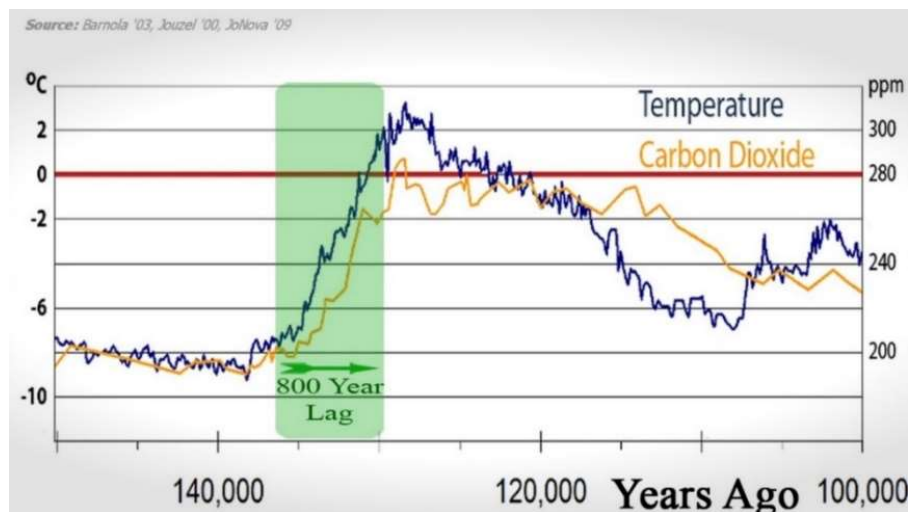
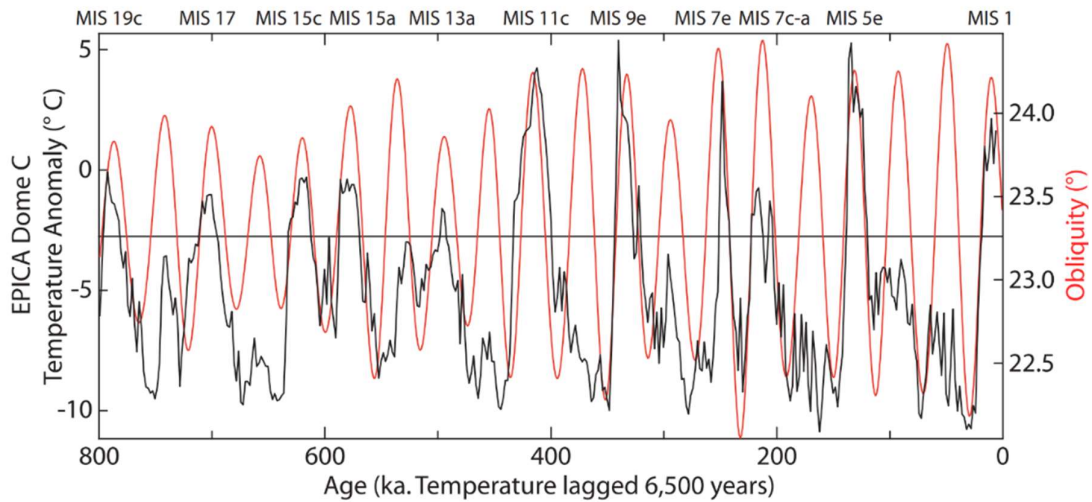


Figure 4b: The Eemian Interglacial in close up (after Beisner 2017).

In summary, at this time scale CO<sub>2</sub> is dancing to temperature's tune, whilst temperature is responding to changes in solar input driven by changes in the earth's orbit and obliquity of axis of rotational (see below from Vinos 2022).



(after Vinos 2022)

As an aside, with an increase in dissolved CO<sub>2</sub>, it is more likely that oceans acidify when temperatures decrease, not increase.

The final graph from the geological archives, shows global temperatures over the last 11,000 years of the current interglacial (Figure 5 below). It is based on gas and isotope data from an ice core from Greenland (core GISP2). This ice core (Alley 2004) is the most continuous record of past climate as it was drilled in central Greenland above the continent's highest mountain.

The multiple climate changes evident from this piece of science have been corroborated by written records, as well as archaeological, geological, and geomorphological evidence from every continent. The major climate changes have been well known to science and have been separately named, some as long ago as the 1930's (such as the Holocene Optimum and the Little Ice Age). The warmest period was the Holocene Optimum that peaked some 8000 years ago, whilst more recent warm climate changes are known as the Minoan, Roman and Medieval Warm Periods. The cold intervening periods between recent warm climate changes are known as the Dark Ages and the Little Ice Age.

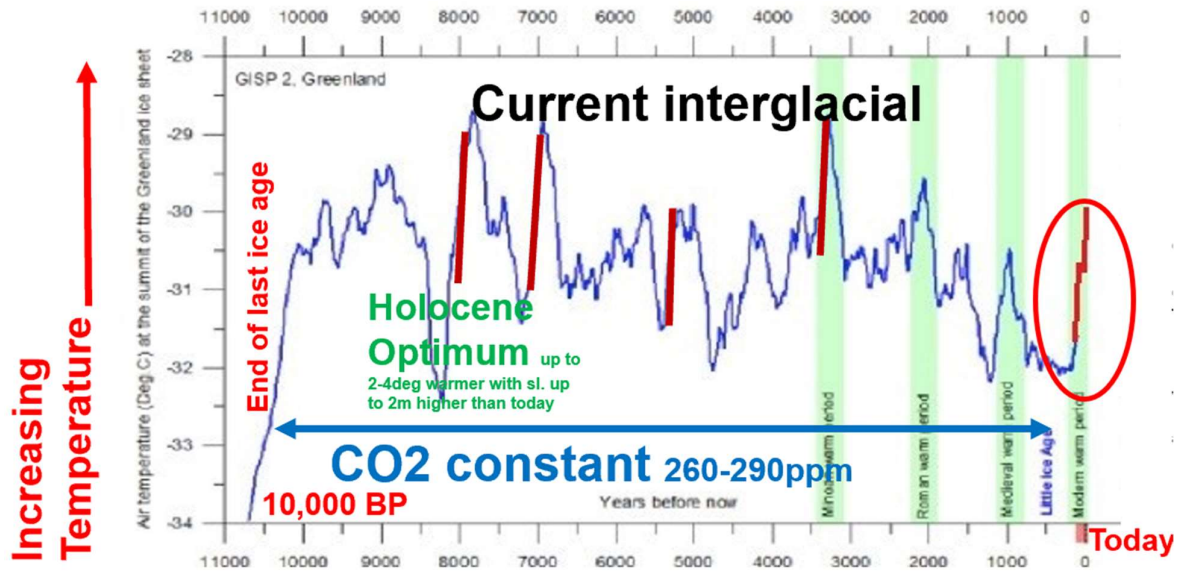


Figure 5: Variations in Global Temperature during the current Interglacial; Greenland ice core data from Bore GIISP2 (original after Alley 2004; current warming added by May 2016)

The current warming period (inserted by May 2016) is clearly not unprecedented, neither in regard to actual temperatures nor rates of temperature increase (repeated in red). Archival science finds that these warm climate changes are correlated to solar cycles (Vinos 2022; Humlum et. al. 2013; Poyet 2022). During most of this interglacial, CO2 remained constant between 270 and 280ppm. Despite this, global temperatures were generally warmer than today. **If CO2 is the main driver of the current warming, then what caused all those previous climate changes?**

During the Holocene Optimum, temperatures were generally 2-4 degrees warmer and sea levels up to 2m higher than today (Woodroffe and Holton 2005; Shackleton 2001; Caseldine et. al. 2006; Borzenkova and Zubakov 1984; Ramos Roman 2018). Evidence of these high sea levels includes stranded beach deposits found around the world, including along our very own Australian coastlines (Sloss et al 2007; Beamer et. al. 1994). All this evidence confirms that the Holocene was significantly warmer than the present day, despite CO2 levels being less than 300ppm.

The Holocene Optimum was also global in extent, as confirmed in many scientific papers (examples listed below). There is a periodic scientific

journal in print since 1994 titled “The Holocene”, devoted to many of the climatic features of this time and their impacts. The science documented in these publications would be worth reading before claiming that 2023 was the warmest year for 125,000 years, as claimed by the IPCC (IPCC 2021).

Gobet E., Tinner W., Bigler C., Hochuli P. and Ammann B. (2005) “Early Holocene Afforestation Processes in the Lower Subalpine Belt of the Central **Swiss Alps** as Inferred from Macrofossils and Pollen Records”. *The Holocene* 15: 672-686.

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Feurden A. (2005) *Holocene Forest Dynamics in NW **Romania***.” *The Holocene* 15: 435-446

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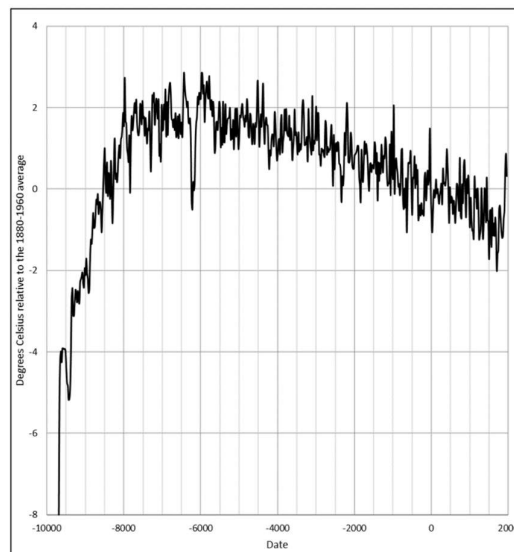
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Although the GISP2 ice core data is recognised as the most complete ice record, there are several other ice cores extracted from Greenland and a composite is shown below (Vinther et. al., 2009). This composite record shows a "muted" temperature profile, which is the result of variable rates of ice deposition and gaps in the ice column. These gaps are the result of periods when no ice deposition occurred and/or the removal of ice layers by erosion.



Composite from other ice cores from Greenland (Vinther et. al. 2009).

This composite conforms to the same general pattern as GISP2, in particular showing that the Holocene Optimum was the warmest period of the

current interglacial, whilst the current warming is currently less than the norm for the current interglacial. In contrast, no ice core data corroborates Mann's Hockey Stick record, nor the IPCC narrative that the current warming is unprecedented.

During the Holocene Optimum, mankind developed animal husbandry, agriculture and started living in settlements. The gates of Hell remained closed, and the oceans did not boil. Warmer times actually nurtured civilisations, hence the nomenclature. In contrast, cold periods have always been more difficult for humans and most species.

Once again, there is no correlation between CO<sub>2</sub> and global temperature observable in this time frame. If you zoom in on the current warming and ignore previous climate changes, the situation certainly looks apocalyptic. However, zoom out it is hard to see what all the fuss is about. The pleasant recovery since the LIA should be recognised more as a pleasant recovery from a prolonged and abnormally cold period, not a portent of doom.

Some inconvenient truths:

1. Greenland was green when the Vikings settled there during the Medieval Warm Period. Pasture was productive and rain fell. Greenland was abandoned to the ice around 1500AD at the onset of the Little Ice Age. Viking graves are common now lying deep in the permafrost.
2. Retreating glaciers in the European Alps are exposing ancient mines, settlements and archaeology that confirms there were numerous times when temperatures were warmer than today.

Some (including Mann) claim that both the Medieval Warm Period (MWP) and the Little Ice Age (LIA) were not global events. There is however, a mountain of literature describing the global impacts of these climate

changes, documented in over 750 peer reviewed papers from 40 countries (Steyn 2015). Below is a list of references (compiled by Plimer 2009) confirming that these climate changes were indeed global in extent.

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## CHAPTER 8: UNPACKING MANN'S HOCKEY STICK AND IMPLICATIONS

The IPCC is well aware that if the general public recognises the existence of previous climate changes this will pose a threat to their narrative and debases their apocalyptic warnings. In 2005 a geologist at the University of Oklahoma received an astonishing email from an IPCC climate scientist (J Overpeck) where he stated “We have to get rid of the Medieval Warm Period” (one of those Climategate emails of 2009).

Michael Mann's Hockey Stick Graph came to the IPCC's rescue, visually removing the earlier Medieval Warm Period, as well as the Little Ice Age. Let's unpack this graph a little further (Figure 6 below).

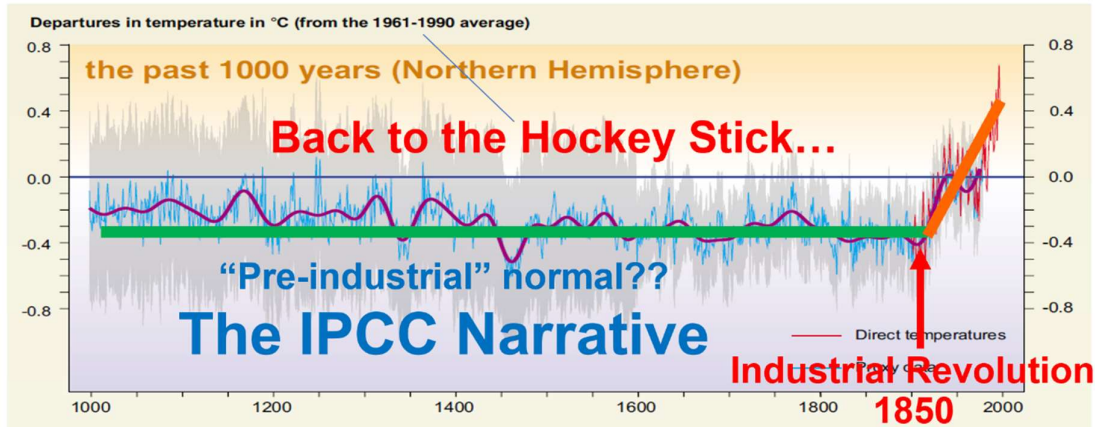


Figure 6: Mann's Hockey Stick defines the IPCC Narrative

It is based on tree ring data from a solitary grove of Canadian high-altitude bristle cone pines. As a background, it has long been recognised that tree growth is influenced by several factors including temperature, water, nutrients and atmospheric CO<sub>2</sub> (the latter enabling plants to “breathe”). This last factor is more serious at high latitudes as CO<sub>2</sub> is heavier than oxygen or nitrogen.

The tree ring data used by Mann was taken from a published study titled “Detecting the Aerial Fertilisation Effect of Atmospheric CO<sub>2</sub> in Tree Ring Chronologies”, (Graybill and Idso 1993). The original authors concluded that the growth of these trees, at these high latitudes, was primarily limited by levels of atmospheric CO<sub>2</sub> not temperature.

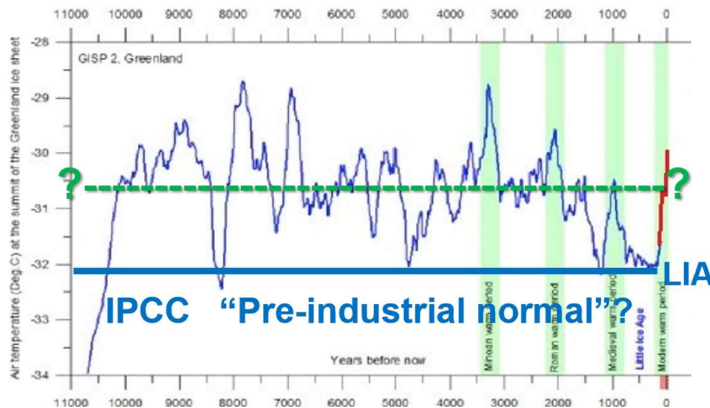
The flat handle of Mann's hockey stick therefore does not reflect temperature but steady CO<sub>2</sub>, something well known. There was no discussion or adequate peer review conducted by Mann concerning this discrepancy in conclusions, as would be required by the norms of science. Such a revelation would have alerted any critical reader or reviewer to a major flaw in Mann's scientific reasoning.

But wait, there's more. Mann's data not only failed to identify the MWP and the LIA, but also did not appear to reflect the current warming. Keen to arrive at a predestined result, Mann decided to use actual temperature data to produce the hook of his graph (McIntyre and McKittrick 2003; Plimer

2009). This trick was encouraged by the IPCC, confirmed by an email implicating Phillip Jones (Poyet 2022, p469). Jones was a Director of Britain's East Anglia University Climate Research Unit and a major contributor of the 2001 and 2007 IPCC Reports), when he boasted “ ..just completed Mike's Nature trick of adding in real temperatures to each series for the last 20 years to hide the decline.” The decline refers to the discrepancy where the current warming was not detected in the data.

By merging **apples (CO2)** and **oranges (global temperature)** in a single graph Mann produced a compelling **fruit salad** 🍷 suggesting the current warming was unprecedented and caused by the industrial revolution.

It is little wonder that the courts found against Mann, whilst the broader scientific community have subsequently demolished this research as non-science. **Mann's graph has been adopted by the IPCC to support its narrative and provide the very foundation of the 2015 Paris Agreement.**



**What about real science?**

Where would you suggest the average temperature for the current interglacial lies?

Figure 7: The IPCC Narrative does not conform to Archival Climate History

By referring to (Figure 7), what would you consider the average temperature for the last 10'000 years? It seems obvious that the temperatures today are actually close to “normal” for the current interglacial. In contrast the IPCC promotes the blue line to define their pre-industrial “normal”, inadvertently pegging their mythical nirvana to the Little Ice Age.

What was the LIA like? The LIA has long been recognised as one of the longest and coldest intervals of the current interglacial. It was savage, not any average! The climate during the LIA (1500-1850) caused worldwide famines and disease (including the Black Death). Written records from around the globe describe the sun losing its intensity, coinciding with a period of minimal solar flux, of which the Maunder Minimum was the most intense (Figure 8). Both the Tambora (1815) and Krakatoa (1883) eruptions also played a role. Glaciers reached their Holocene maximum extents during this time (Vinos 2022). The English Channel coastline often froze, as did the Thames, where the famous Frost Fairs were held between 1607 and 1814.

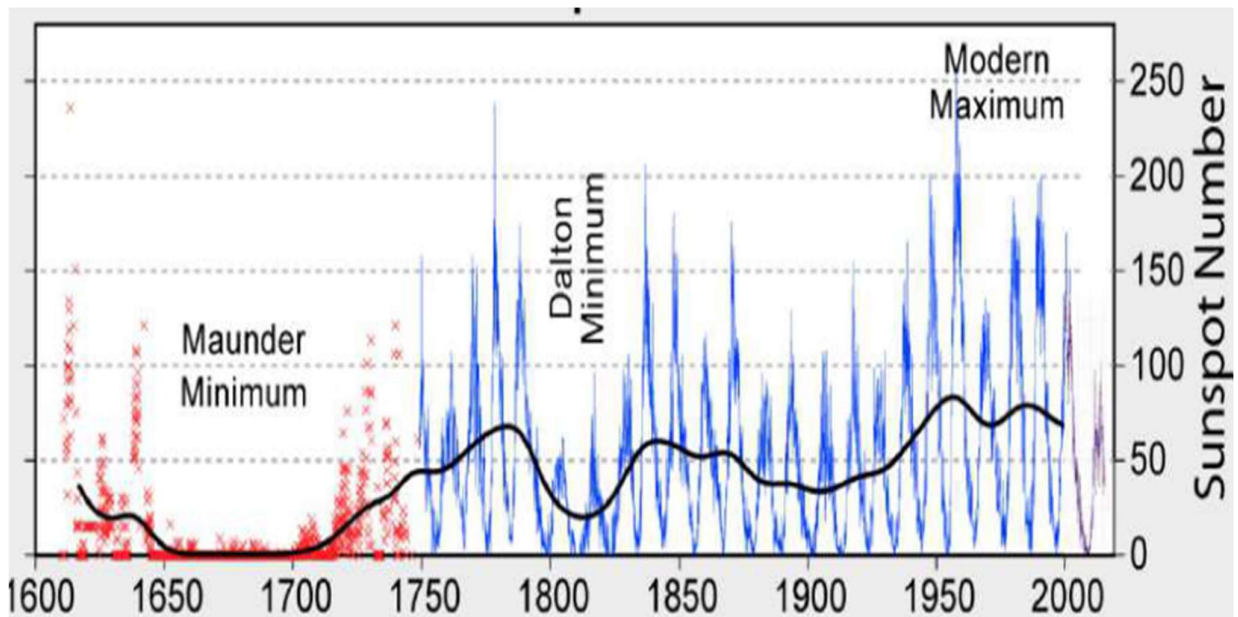


Figure 8: Solar Spot activity over the last 400 years (after Poyet 2022)

The implications of Mann's non-science have profound implications for the validity of the 2015 Paris Agreement. This Agreement sets out a framework to "limit global warming to 1.5 degrees above a "pre-industrial period". This narrative only makes sense if Mann's Hockey Stick is used in scientific isolation, expunging all previous climate changes. For the IPCC they are inconveniencies that must be hidden from public perception.

## CHAPTER 9: IS THIS JUST A BATTLE OF THE GRAPHS?

Certainly not. What I wish to highlight is the underlying science (or non-science) supporting the two sides of this debate. The graphs from the geological archives documented herein are supported by evidence from multiple fields of science, including geology, archaeology, as well as historical records. These graphs have achieved archival status by surviving decades of challenge whilst gaining support from newly acquired evidence. This is how science should work.

In contrast, Mann's Hockey Stick stands alone scientifically. It cannot cite any corroboratory data and ignores all contradictory evidence. It has failed independent scientific analysis, whilst challenges have only been met with failed legal action, in an attempt to avoid doubt and stifle criticism in the public domain. This is not how science works. It has long been how non-science works.

Graphs from the science of geology tell us that:

- **At a scale of 100's of million years**, CO<sub>2</sub> and temperature danced to different tunes. End result, **no correlation**.
- **At a scale of 100's of thousands of years**, temperature responded to changes in the earth's orbit and axis of rotation, whilst CO<sub>2</sub> lagged temperature changes. End result, **CO<sub>2</sub> is a symptom** not a cause.
- **At a scale of 1'000's of years** temperature responded to solar cycles (with up to a 6 degree range), whilst CO<sub>2</sub> remained constant (260-280ppm). End result, **no correlation**.

By promoting Mann's Hockey Stick, proponents of MMCC (including the IPCC) try to:

- ignore any contradictory science
- claim that, without any evidence, CO<sub>2</sub> is the main driver of the global climate

- convince the general public that the current warming is unprecedented and an existential threat to the planet, then
- **BINGO!** You have the grand illogical leap, suggesting that to avoid a global catastrophe, we must halt warming to 1.5 degrees above a fictitious “pre-industrial normal”, that is actually anything but normal!

## **CHAPTER 10: WHAT ABOUT CLIMATE MODELLING?**

Models are only simulations of reality and should always be subservient to real world observations. The IPCC insists that its models can be used as empirical evidence. However, as anyone who has dealt with models will tell you, they are constrained primarily by their internal parameters and inputs.

The internal workings of IPCC endorsed models are also proprietary and not available for independent verification. This automatically negates their potential use as **empirical** evidence and therefore cannot be used to prove anything in science.

But reality checks are an essential tool for assessing the credibility of any model. In this case, a useful reality check would be the ability of any climate model to predict the past. Attempts to reproduce the past have reportedly failed (Liu et al. 2014), resulting in “unrealistic” outcomes (Scafetta 2013; Curry 2017; Hausfather et. al. 2019). For all these reasons, climate models cannot be used as proof of anything.

Critically, the inability of these models to predict the past essentially falsifies the very science behind MMCC. The IPCC fails to make the distinction between objective observations and virtual reality.

## **CHAPTER 11: MMCC NON-SCIENCE IS FAR FROM SETTLED**

MMCC must remain an unproven hypothesis, being unable to pass any gate to graduate as a scientific theory (refer Chapter 2):

1. There is no empirical evidence to support either that the current warming is unprecedented nor that CO2 has ever been a major driver of climate change.
2. MMCC science fails to incorporate conflicting evidence. Such evidence has been misrepresented or actively ignored to promote MMCC.
3. MMCC has not produced any valuable predictions, only exaggerated alarm for political purposes.
4. The inability of IPCC endorsed climate models to predict the past has essentially falsified MMCC science.

**As a result of failing to pass any gate to satisfy as a theory, MMCC must remain an unproven hypothesis with no predictive powers.**

We are however told that the science is settled, that all scientists agree, and we should just respect the science. How much of this is true? Many scientists once employed by the IPCC have resigned since the late 1990's concerned by the perversion of science and the lack of any evidence for catastrophic MMCC. Here is a small example of statements made on resigning:

Dr Vincent Gray **ex IPCC expert** (2006): *"The [IPCC] climate change statement is an orchestrated litany of lies."*

Dr. Tom Segalstad (2002), Professor in environmental ecology at Oslo university and **IPCC expert reviewer**: *"The IPCC global warming model is not supported by the scientific data."*

Dr. Richard Courtney, a UN IPCC expert **IPCC reviewer** and a UK-based climate and atmospheric science consultant: *"To date, no convincing evidence for (man-made) global warming has been discovered."*

Dr. Gerd-Rainer Weber, Ph.D., (2008) Consulting Meteorologist, Essen, Germany, **ex IPCC contributor**: *"Most of the extremist views about climate change have little or no scientific basis."*

Dr Paul Reiter **ex IPCC contributor** (2001): *"As far as the science being 'settled,' I think that is an obscenity. The fact is the science is being distorted by people who are not scientists."*

Dr. John Reid, Atmospheric Physicist who worked with the **CSIRO**: *"I know how poor the underlying science is. In effect the scientific method has been abandoned in this field."*

**44 NASA Scientists** – letter to Charles Bolden NASA Administrator (2012): *"The unbridled advocacy of CO2 being the major cause of climate change is unbecoming of NASA's history. At risk is damage to the exemplary reputation of NASA.....and even the reputation of science itself."*

Dr Mike Hulme **ex IPCC Lead Author** (2001): *"Claims such as '2500 of the world's leading scientists have reached a consensus are disingenuous. The actual number of scientists was only a few dozen."*



Do you remember this advertisement? Nine out of ten dentists supposedly used a certain brand of toothbrush.

The IPCC claims that 97% of scientists agree with their catastrophic MMCC conclusions. Remarkably, this claim was based on an online survey conducted by an MSc student from the Univ of Illinois (Doran P, Zimmerman M. K., 2009a). In this thesis, it was identified that 75 of 77 respondents agreed that human activity has been a “significant” contributor to the current warming. This claim then morphed into 97% of scientists “agree that humans are causing global warming and climate change.” Note the adjective “significant” was now missing in action (Doran P, Zimmerman M. K., 2009b).

Ensuing IPCC claims of scientific legitimacy have been demolished (Legates et. al. 2015), as well as IPCC claims of a 99% scientific consensus (Dentelski et al 2023). These are merely advertisements, providing a veil of authority, aimed at stifling dissent and challenge.

Since 1992 over 40,000 scientists have also signed petitions against the notion of catastrophic climate change, the latest being the 2021 Clintel Climate Declaration signed by more than 2000 scientists and counting. We will return to this declaration later.

## **CHAPTER 12: NOW DOWN THE RABBIT HOLE**

Without any evidence to support catastrophic MMCC, is the IPCC the authority on climate science that it should be? What exactly is the IPCC, and what is it trying to achieve.

The IPCC was established in 1988 by the UN with the following brief:

***“To assess the scientific, technical and socio-economic information relevant for the understanding of the risk of human-induced climate change.”***

No investigation was required to determine **IF** human activity is responsible, that question was apparently already settled.

***Climate change became the perfect global non-problem to be solved by a world body.....like the UN.***

More revealing quotes from IPCC scientists:

Ottmar Edenhofer, **lead IPCC author** (2010); *“One has to free oneself from the illusion that international climate policy is environmental policy. Instead, climate change policy is about how we **redistribute de facto the world’s wealth.**”* (That is from rich to poor, less developed countries)

Stephen Schneider (**ex IPCC author**) 2009: *“We need to offer up scary scenarios, make simplified, dramatic statements and make little mention of any doubts...each of us has to decide what the **right balance is between being effective and being honest.**”*

Dr Chris Landsea (**ex IPCC contributor on resigning**) 2019: *“The IPCC process is driven by politics rather than science....and exploits public ignorance.”*

Do you remember “Climategate”? Climategate comprised a mountain of leaked emails that exposed the roles of prominent IPCC climate scientists in cultivating alarm around MMCC by actively promoting Mann’s Hockey Stick (refer to the previous chapter on Mann’s Graph) with the aim of eliminating pre-industrial climate changes from public perception; stifling independent review and challenge; manipulating data and promoting models that aim to exaggerate the current warming trend.

But maybe these emails were just fake news, right? Is there any clear evidence that this same deceit is ongoing today? **Well, there certainly is.**

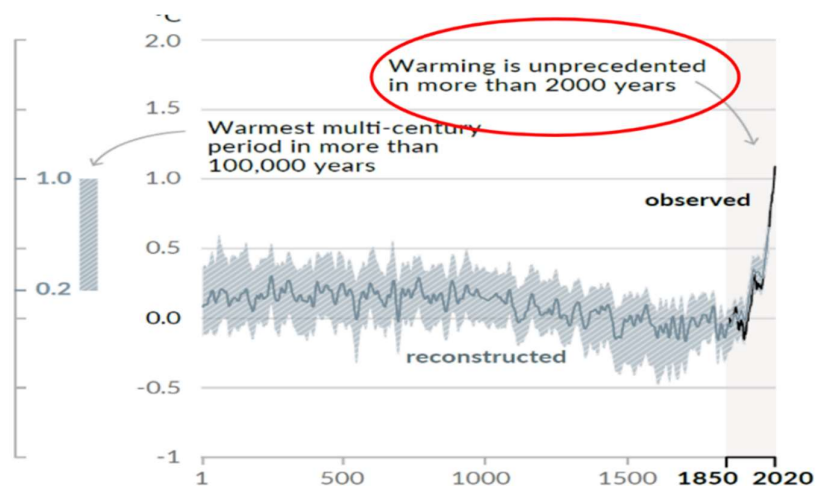


Figure 9: The New and Extended Hockey Stick (IPCC Summary Report for policymakers, 2021)

In the latest IPCC Report of August 2021, the IPCC authors extended Mann's Hockey Stick back a further 1000 years (Figure 9) despite being aware that the original graph had for some time been found scientifically invalid. This neat trick now expunged two more climate changes known as the Dark Ages and the Roman Warm Period, leading the IPCC to the bold and false claim that the current warming is not just unprecedented for 2000 years but even as far back as the last interglacial!

Other unscientific claims in this report include:

1. This report establishes an authoritative and powerful global consensus for man-made climate change. (not science)
2. Temperatures have risen 1.07 degrees since the 1800's threatening an irreversible climate change and runaway warming. (Remarkable accuracy considering there were no satellites back in the 1850's).
3. The last decade was likely the hottest of any period in the last 125,000 years. This is patently false on so many counts.
4. The data shows a straight forward relationship between CO2 and global temperature. (Really?)

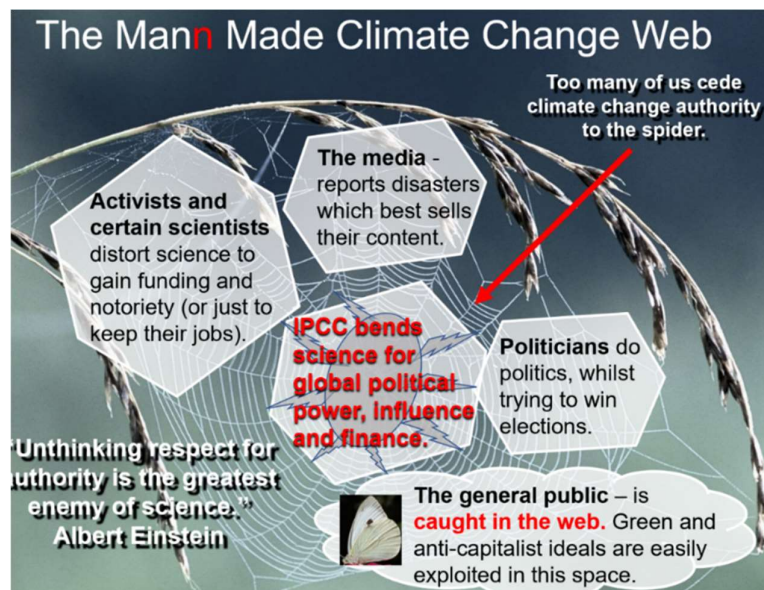
The independent Clintel Group of Scientists (International Climate Science Forum 2021a and 2021b) rigorously reviewed each claim in the 2021 IPCC Report. In their recently published World Climate Declaration they state that:

- There is no evidence for a climate emergency.
- The underlying claims of the IPCC lack objectiveness and are not based on sound, self-critical science. (This is polite science speak for BS.)

- **Geological archives** reveal a highly variable world climate and it is no surprise temperatures have recovered since the Little Ice Age.
- Gaps in IPCC endorsed climate models actually tell us we still know little about what causes climate change and such models are inappropriate tools for policy
- It is not unequivocal that humans are entirely responsible for the recent warming trend.
- **The new Hockey Stick is a concoction** that ignores and misrepresents previous temperature variability. (Less polite science speak meaning BS)
- There is no unequivocal evidence supporting an increase of extreme weather events, dramatic sea level rise or that coral bleaching is more than just a natural process.
- Ocean acidification is a non-issue as evidenced from **geological archival records**.

This declaration was signed by more than 2000 scientists from over 40 countries, including 200 climatologists and environmentalists, at least 20 expert IPCC reviewers, 2 Nobel Laureates and over 300 of **those pesky geologists**. Could I suggest this is more convincing than just 75 out of a graduate survey of 77 respondents!

## CHAPTER 13: SO WHERE DOES THIS LEAVE ALL OF US?



The IPCC is like the spider at the centre of a web of deception, manipulating and orchestrating science for political power and funding. The general public is caught in the web, with green and anti-capitalist ideals easily exploited (the new religion).

Too many of us cede climate authority to the IPCC at the centre of the web. “Unthinking respect for authority is the greatest enemy of truth” Albert Einstein.

Is there any evidence of a veiled agenda behind the IPCC’s falsehood?

Ottmar Edenhofer, (**lead IPCC author**) 2010; “...*climate change policy is about how we redistribute de facto the world’s wealth.*”



At COP29 China led a call for rich, developed countries to contribute US\$1.3trillion annually to developing countries to mitigate the impacts of climate change. Amplifying the IPCC absurdity, developing countries like China and India will not be required to contribute despite being major CO2 emitters!

**There are so many examples of this climate change web in action:**

**The Spider spinning its web...**

**‘Era of global boiling has arrived’ says UN chief**



“July 2023 was 1.5 degrees warmer than any July before the industrial revolution”

“this July was the hottest for 120,000 years”

“July 3<sup>rd</sup> 2023 was the hottest day on earth ever recorded”

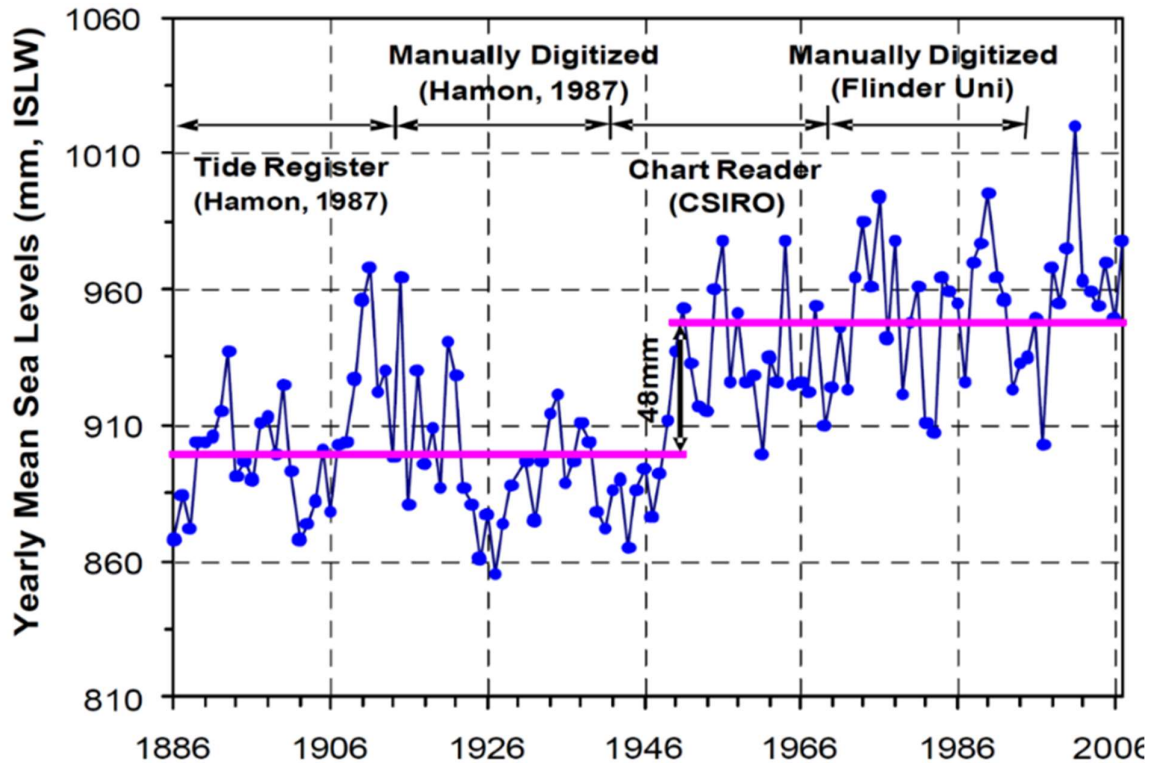
“The world’s climate breakdown has begun.”

“Humanity has opened the gates of Hell.”

All these statements are dishonest on so many levels. The current warming and CO2 levels must continue to be portrayed as unprecedented so it can be presented both as man-made and an existential threat? It matters little to the IPCC that neither claim is true, nor supported by science.

**Acceptance of Poor Science:**

A 2009 paper (You et al. 2009) identified evidence that suggested a sea level rise of 7cm (0.6mm/pa) over the last 120 years at Fort Denison in Sydney. Climate change was identified as being responsible.



The authors failed to identify the sharp rise in sea level around the late 1940's. Contacting the NSW Dept of Mineral Resources (or any very old geologist) an alternative conclusion may have been identified. The Balmain Colliery operated at this time under Sydney Harbour. Fort Denison may well have sunk due to mine subsidence.

The residual sea level rise is imperceptible at 2cm for 120 years (0.15mm/pa) which is consistent with the eastern seaboard of Australia being one of the most vertically stable coastlines in the world.

Geologists recognise that every continent is moving across the globe in response to plate tectonics, whilst moving vertically in response to many other factors, including erosion. When we have a much higher sea level rise reported at a given locality, this should be treated with skepticism, particularly if located in the same ocean. So, when the ABC reported that sea level rise at Tuvalu was 15cm over 30 years (5mm/pa and 35 times data from Sydney), a real scientist would suspect that this movement could be

largely the result of parts of the island sinking. Atolls always battle with ocean erosion and their foundations are commonly sinking.

### Politics:



A Tuvalu Minister address COP26 standing in the rising ocean.

National Geographic recently reported, “..Tuvalu’s main atoll has gained 32 hectares of land during the past 115 years.” Tuvalu’s government is also confident enough in its future that it is building new government buildings. This is in agreement with a recent global survey of 221 atolls that found they grew by area an average of 6% (Holdaway et. al., 2021)

Charles Darwin was the first to identify that coral growth requires an atoll to slowly sink by erosion. The combination of coral growth and the accretion of debris, results in many atoll islands gaining or at least maintaining surface area.

Is the Tuvalu minister only standing in the ocean hoping to secure more UN funding? It is however good policy to help our neighbours even if they are predominantly impacted by geological processes, rather than man-made global warming.

## The Media:

### Building collapse could be a sign of things to come

All around Miami, signs of climate change are visible to the naked eye.

Sea levels around the region are rising an average of 9 millimetres a year, according to [analysis of federal data](#).

That's [triple the global average](#), leaving [more than 120,000 properties](#) at risk of being lost completely.



Do you remember the collapse of the Surfside Tower at Miami in mid-2021? At the time the ABC reported that all around Miami the signs of climate change are visible to the naked eye. Sea levels had apparently risen 9mm per year being triple the global average(?).

Subsequent engineering reports completed later that year confirmed the Miami strip was sinking as a result of building too many towers on a reclaimed coastal swamp!

### The Media again and fire season analysis:

The 2019-2020 fire season was regularly reported as “unprecedented”. This should mean that this fire season was so bad that it had NEVER happened before. There is a concise listing of Australia’s bushfire data listed by Wikipedia where you can compare the 2019-20 fire season with previous seasons. The 2019-20 fire season was:

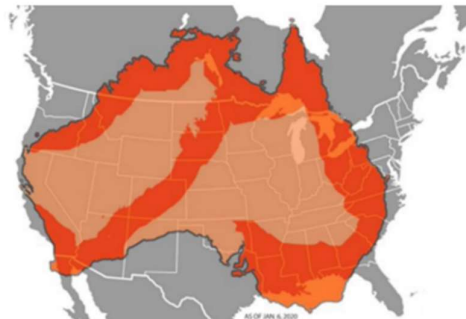
- Third on record for area burnt being 18.6Mha, with the highest by far being in 1975 with 117MHa burnt.
- Fatalities being 34 or 5<sup>th</sup> on record.
- Properties destroyed being 2600 or equal 2<sup>nd</sup> on record, the highest being 3700 on one day, Black Friday in 1937.

### Though bad, certainly not unprecedented.

The ABC kindly produced this map (below) overlain on the USA, showing the extensive scale of our bushfires at this time. Have a closer look. In the southwest of WA everything from Esperance to Carnarvon (including Margaret River and Perth), up to on average 200km inland was burnt. I don’t remember this – but my memory may be failing.

**ABC News**  @ABC

A superimposed map of Australia over the U.S. shows the scale of the massive wildfires that have spread across the country.

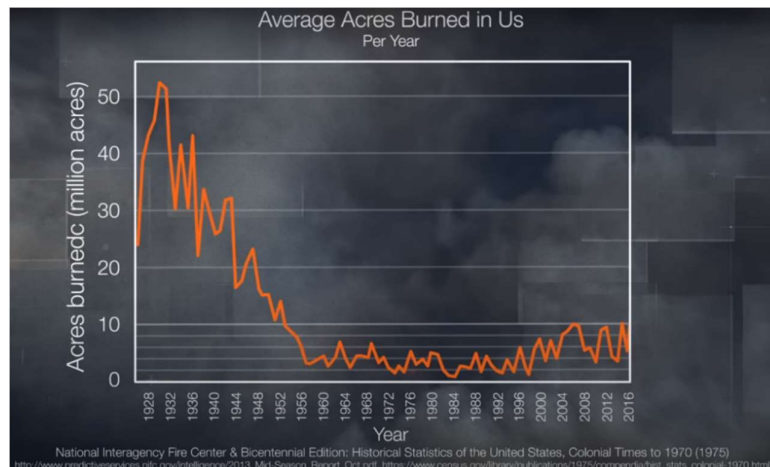


It was also claimed that the fire seasons are becoming more damaging due to droughts caused by climate change. A recent study of tree ring data from 700 year old cypress trees in the WA wheatbelt (O'Donnell et al. 2021), supported many previous studies finding that “The worst drought periods in Australia have occurred prior to European Settlement.” Would this happen to be during the pre-industrial normal or nirvana identified by the IPCC?

### More on Fires: In the US

Watch for graphs restricted by the x axis, in this case time. Some would just show you the apparent increase in fire damage since the 1990's claiming this is caused by climate change.

A more comprehensive picture can be perceived by considering all the available recorded evidence. Since the 1920's to 1950's fires in the US have been far better controlled. There is a slight rise in fire damage over the past few decades, but this may well be the result of complacency, as forests grow unchecked, fuel loads are not adequately controlled and fire trails becoming impassable due to neglect. Such a situation is mirrored here in Australia as the management of State Forests are being transferred to National Park authorities that lack any income from logging activities.



## Unprecedented Floods in Australia (?)

The NSW Premier Dominic Perrottet described the Lismore flood as **unprecedented**. (28Feb2022). The ABC also followed (1March2022).

Every floodplain is testament to previous flooding. The surface geological map of Lismore shows extensive floodplain deposits that in places are up to 100's of metres thick. These deposits are why Lismore is there!

And what of the **unprecedented** Victorian floods? In **1870** Echuca was cut-off for two months by floodwater, an inland lake formed between Echuca and Melbourne, whilst Melbourne itself was described as resembling Venice.

The apocalyptic narrative being promoted by these claims, play on our emotions using every negative climate event as they occur. It is a simple ploy that loses integrity with broader perspectives.



## And the Pakistan Flood of 2022

The Pakistan Climate Minister claimed that “One third of Pakistan was flooded” as a result of climate change (as reported by the BBC and parroted by many other news outlets).

The flooded area is however more like 8%, being restricted to the Indus floodplain. The vast majority of Pakistan is actually mountainous terrain and desert.

As geological maps attest, the Indus River was a far greater threat 10,000yrs ago. Deforestation and levees increasing siltation have also exacerbated flooding in recent times.



## Example - David Attenborough – and his Illogical Leaps

David Attenborough’s movie “Climate Change – The Facts” is a modern version of Al Gore’s movie, but with better visuals. And like Gore’s movie the only proof of MMCC presented was **Mann’s Hockey Stick Graph, despite its disreputable status.**

**What followed was big on drama but light on facts, despite the title.** Lots of “illogical leaps” and unsubstantiated claims about the past and the future.

A 2019 episode of David Attenborough’s “Our Planet” depicted walrus’ falling to their deaths on seaside cliffs attempting to escape polar bears. It was claimed that both species were forced to congregate together on land due to retreating sea ice, clearly caused by climate change.



Wildlife groups such as the US Fish and Wildlife Service, confirmed however that this is a natural phenomena repeated every summer as walrus must pup on land. The issue is exacerbated by **increased numbers of both walrus and polar bears. Both species appear to be far from threatened??**

## **CHAPTER 14: SUMMARY**

Without any empirical evidence, MMCC must remain an unproven hypothesis, merely just a lot of hot air. It is not settled science as claimed. The situation is, however, far worse. Non-science is used to misrepresent past climate records and confuse the public. The current warming is exaggerated using IPCC models with dubious credentials. Independent review and challenge are stifled using false claims of authority and legal challenge. Any contradictory evidence has been actively ignored. All these actions are symptomatic of non-science.

So don't panic, use your common sense out there, and watch out for illogical leaps and anything unprecedented. Try to teach our kids how to recognise and use science, to think critically and search out the facts, for it appears our schools, media and politicians are letting them down.

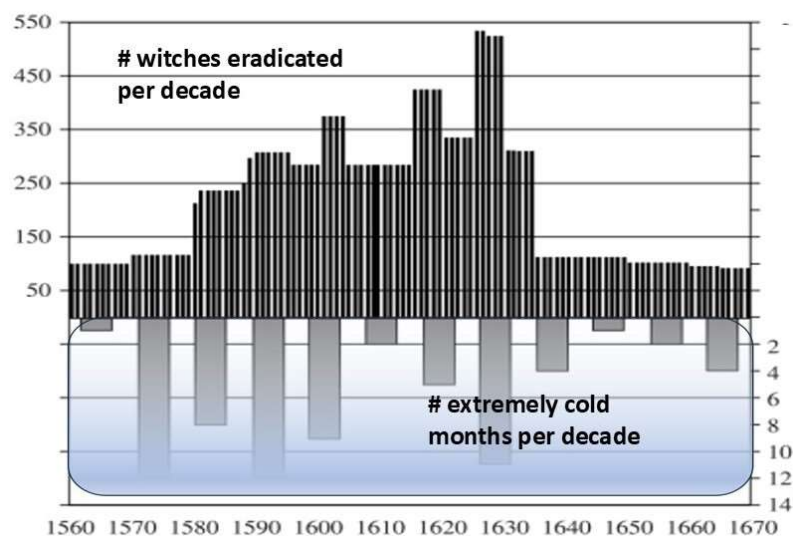
We should carefully consider the exaggerated warnings from the IPCC and the climate lobby, and consider the commercial, geopolitical, social and environmental costs of rushing headlong to reduce CO2 emissions. There are numerous environmental dangers associated with the mining, refining and processing of rare earth metals, the manufacture of batteries, as well as the recycling of all these components at end of life. We should also carefully consider the costs of completely rewiring the nation and the inevitable impacts on industry, lower standards of living and dislocations caused by increased power costs and poor reliability causing the loss of industries, jobs and foreign revenue. All in the pursuit of changing something using an unscientific method, with no chance to success.

There are more compelling issues where we could have a reasonable chance of realising benefits for humanity and all life on earth. This includes the provision of clean water, eradication of diseases and the removal of plastics from our oceans. A balanced approach based on science should be sought. Not a mythical agenda.

**We had the pink batts saga years ago. Now we have the promise of green energy.** The negative impacts of this religion could last for decades with increasing deficits and compromised environments. In the end this warped field of science (MMCC) will face more strident challenges and eventual collapse. What will be left will be a trail of exaggerated forecasts, derelict solar farms, forests of broken wind turbines and a compromised economy. What also concerns me greatly is the potential for long term negative perceptions of science itself.

Recent history shows us what happens if we fail to use The Scientific Method and seek empirical evidence. In 2010 an Iranian cleric claimed that immodest women were causing earthquakes. Iranian women subsequently protested with a national “Boobquake Day”. Unfortunately for them (and the clerics), the earth did not move for them as promised.

We only need to look back at the last climate change to see this repeated. As the impacts of the LIA wreaked havoc on the northern hemisphere, Pope Innocence VIII in the late 15<sup>th</sup> century, issued a papal edict to hunt down and eradicate “weather-changing” witches. The masses enthusiastically embraced this edict and thousands of innocent women were murdered. This purge peaked at over 500 witches per annum and the “cure” only lost support when the current warming began saving the planet.



(Modified after Pfister 2006)

We will certainly repeat this mistake today if, at the outset, we fail to seek empirical evidence to identify the cause of the current warming. Today's cure identified by the "church of Climate Change" may not involve eradicating witches but poses serious risks to both world economies and environments whilst likely proving to be totally ineffective.

The author used to give talks on reconciling creation science with the geological record. The similarities stand out, including religious fervour, selectivity of facts that only support the narrative, ignorance of contradictory evidence and downright fraud and misinformation.

So I will refer again to the challenge from the first page.

**If you can find any scientific (empirical) evidence to support your belief in catastrophic MMCC please pass it on to me. Then I won't have to keep giving this talk!**

**BUT REMEMBER NO HOCKEY STICKS!**



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