



IS GLOBAL WARMING/CLIMATE CHANGE A LEGITIMATE PROBLEM?

October 15, 2021

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INTRODUCTION

During November 2018 thru January 2019, the Dove focused on the global warming/climate change debate by asking the question – “*Is Global Warming/Climate Change A Legitimate Problem*” – which is being proclaimed as the primary result of man-caused (*anthropogenic*) maladies that are allegedly resulting in the impending destruction of the Earth and its inhabitants (*the definitive notes from this program can be found at creationtruth.info*).

Even though a strong emphasis on global warming/climate change is often found in printed material in bookstores such as Barnes & Noble, local and national newspapers/news programs, and last but not least – a growing number of politicians – the recent frequency and emphasis has progressively increased to the point that the impending doom of Earth from increased anthropogenic carbon dioxide is being presented as an unquestioned fact that has been claimed to have been verified by science and a majority of global scientists.

Additionally, the September 4, 2019, 7-hour CNN Climate Crisis Town Hall featured the remaining ten Democratic presidential candidates presenting their plans for addressing global warming/climate change with a common goal of achieving carbon neutrality across the United States economy by 2050. The take home message was – “*if you were a Democratic candidate for president, you*

believed that climate change is an existential threat not only to the United States but also to human civilization.”¹ Additionally, CNN’s framing of the topic as a “crisis” reflects a steady shift and emphasis in how the press now describes global warming/climate change as factual in addition to typically being man-caused.

Some recent examples of man-caused climate change being presented as fact are as follows:

- On November 24, 2018, local and national news programs across this country reported on the just released United States Government 4th Climate Assessment Report that claims – *“The message is loud, clear and undeniable: climate impacts are here and growing. The tragic Camp Fire in California serves as a stark illustration of how climate change is loading the dice for more extreme events that devastate people, homes and the economy. We should trust what we are seeing with our own eyes: more intense wildfires, hurricanes, flooding, and heat waves. This is what climate change looks like and it will become far worse unless we rapidly shift to a low-carbon economy.”²*
- On Sunday, December 30, 2018, Chuck Todd, host of NBC’s Meet the Press and NBC’s political director, stated on-air that man-made climate change is a scientific fact, and he would not allow the voices of “climate deniers” to be heard now or in the future. He stated – *“We are going to take an in-depth look, regardless of that, at a literally earth-changing subject that doesn’t get talked about this thoroughly on television news, at least, climate change. But just as important as what we are going to do this hour, is what we’re not going to do. We’re not going to debate climate change, the existence of it. The Earth is getting hotter. And human activity is a major cause, period. We’re not going to give time to climate deniers. The science is settled, even if political opinion is not”³*
- On August 9, 2021, the Intergovernmental Panel on Climate Change in Geneva, Switzerland, released a report that stated *“climate change widespread, rapid, and intensifying. Many of the changes observed in the climate are unprecedented in thousands, if not hundreds of thousands of years, and some of the changes already set in motion – such as continued sea level rise – are irreversible over hundreds to thousands of years.”⁴*
- According to the September, 2021, issue of the United Nations News, *“we have reached a tipping point for climate action. Time’s running out to avoid catastrophic heating. The disruption to our climate and our planet is already worse than we thought, and it is moving faster than predicted”⁵*

Clearly, the issue of global warming/climate change is at the forefront of newsworthy items, a centerpiece of some political concerns, and supported by

secular scientific apprehensions that must be addressed sooner than later. So, before we consider some key questions, let's first define four essential terms:

ANTHROPOGENIC

Pollutants originating from human activities.

IPCC

United Nations Intergovernmental Panel on Climate Change. This organization is an intergovernmental body of the United Nations and provides the primary global authority and stimulus behind global warming/climate change. Their headquarters are located in Geneva, Switzerland.

GREENHOUSE EFFECT

The process where heat is trapped in the atmosphere by gases that form a "*blanket*" around the Earth.

GREENHOUSE GASES

Atmospheric gases that trap energy. The primary greenhouse gases in the Earth's atmosphere are (in order of importance) water vapor, carbon dioxide, methane, nitrous oxide, and ozone.

COMMON GLOBAL WARMING/CLIMATE CHANGE KEY QUESTIONS

WHAT IS THE DIFFERENCE BETWEEN GLOBAL WARMING AND CLIMATE CHANGE?

Historical

The term *global warming* was initially used in a 1975 Science magazine article titled – Climate Change: Are We on the Brink of a Pronounced Global Warming?⁶ In 1988, global warming became the dominant popular term when a NASA scientist testified to Congress about climate issues and specifically used the term global warming.⁷ However, in 2009 and 2011, a server at the Climatic Research Unit at the British University of East Anglia was hacked resulting in the public release of numerous revelatory emails between some top IPCC scientist's and became known as Climategate 1.0 and 2.0.⁸ Two primary themes emerged from the released emails:

- These scientists view climate change as a political cause rather than a balanced scientific inquiry
- Many of these scientists frankly admit to each other that much of the science is weak and dependent on deliberate manipulation of facts and data

As a result, the term global warming began to be replaced by the more user-friendly term of climate change. Many people in and out of science – and the media – often use both terms interchangeably.

Scientific

- *Global warming* refers to the Earth's rising surface temperature
- *Climate change* includes warming and the "side effects" of global warming. Said another way, global warming is one symptom of the much larger problem of man-caused climate change⁹
- *Note: As the phrase climate change tends to be more popular, this is the term we will use – where possible – as an umbrella for the balance of this discussion. Therefore, the phrase climate change will include anthropogenic climate change (man-caused)*

DOES THE BIBLE ADDRESS CLIMATE CHANGE?

Scripture assures us that humanity does not have the power to destroy the Earth as stated by the following two verses:

- God's promise in Genesis 8:22 to Noah and his family after they departed from the Ark gives us ample reason to expect that the Earth's temperature will remain within acceptable ranges – *"while the Earth remains, seedtime and harvest, cold and heat, winter and summer, and day and night shall not cease"*
- We are further assured by Scripture in Ecclesiastes 1:4 that humanity does not have the power to destroy the Earth, either gradually through climate change or through sudden cataclysm, such as a nuclear holocaust – *"one generation passeth away, and another generation cometh: but the Earth abideth forever"*
- To summarize the previous verses, the destiny of the Earth and humanity remains solely in God's command. In all cases, the primary focus should be on worshiping the Creator, not the Creation as God is in control, not mankind

Unfortunately, the preceding two Scriptural promises are not recognized by secular science. So, let's continue and consider the alleged validity of scientific and political claims of the pending disastrous effects of climate change, particularly man-caused climate change.

DO 97% OF CLIMATE SCIENTISTS AND PUBLISHED SCIENTIFIC ARTICLES FIND THAT CLIMATE CHANGE IS HAPPENING AND HUMAN-CAUSED?

As stated by NASA – *"multiple studies published in peer-reviewed scientific journals show that 97-percent or more of actively publishing climate scientists agree that climate-warming trends over the past century are extremely likely due to human activities."*¹⁰

This statement by NASA is deliberately deceptive for the following reasons:

- The preceding quote utilizing the 97% figure is an example of using *consensus science* to generate and/or amplify credibility for a specific viewpoint, which in this case is the claimed accuracy and overwhelming evidence for man-caused climate change. The fallacy of this technique is best explained in a speech from Dr. Michael Crichton at Cal-Tech – *"I would remind you to notice*

where the claim of consensus is invoked. Consensus is invoked only in situations where the science is not solid enough. Nobody says the consensus of scientists agrees that $E=mc^2$. Nobody says the consensus is that the Sun is 93 million miles away from the Earth. And so, in this elastic anything-goes world where science-or-non-science is the handmaiden of questionable public policy, we arrive at last at global warming. It is not my purpose here to rehash the details of this most magnificent of the demons haunting the world. I would just remind you of the now-familiar pattern by which these things are established. Evidentiary uncertainties are glossed over in the unseemly rush for an overarching policy, and for grants to support the policy by delivering findings that are desired by the patron.”¹¹

- Contrary to NASA’s opinion, there is no shortage of qualified scientists that do not agree with the 97% figure. As an example, Professor Mike Hulme, Ph.D., Cambridge University, is a prominent scientist and a key IPCC insider. His paper for *Progress in Physical Geography* stated that the actual number of climate scientists who backed the IPCC report’s on Anthropogenic Global Warming – “*was only a few dozen experts. Claims such as thousands of the world’s leading scientists have reached a consensus that human activities are having a significant influence on the climate are disingenuous*”¹²
- The aforementioned NASA quote neglected to mention that there are 31,487 American scientists (including 9,029 scientists who have Ph.D.’s) have signed on in support of the *Global Warming Petition Project*. This petition is available online and declares that the theory of catastrophic climate change is “*not supported by scientific evidence.*” The petition also states “*CO₂ is a beneficial gas, not a pollutant*”¹³
- The claim that “*97% of published scientific articles find that climate change is happening and human-caused*” is a common assertion in the climate change mantra. As an example – “*A Skeptical Science peer-reviewed survey of all (over 12,000 peer-reviewed abstracts on the subjects of global climate change and global warming published between 1991 and 2011) found that over 97% of the papers taking a position on the subject agreed with the consensus position that humans are causing global warming.*”¹⁴ What this statement does not say is that scientific material that does not support climate change is not welcomed and/or not published in secular peer-reviewed materials. Therefore, virtually all secular peer-reviewed material/abstracts support climate change. To underscore this fact, try to find published material in the secular peer-reviewed field of evolutionary origins that does not support Darwinian evolution (and particularly published material submitted by biblical-based scientists that focus on the origins account as presented in Genesis).

WHAT ARE ATMOSPHERIC AND GREENHOUSE GASES?

Let's take a brief look at the difference between atmospheric and greenhouse gases and how they work as these terms are commonly used in scientific literature:

Atmospheric and Greenhouse Gases

The Earth's atmosphere is comprised of 78% nitrogen, 21% oxygen and .9% argon. Combined, these three gases are known as **atmospheric gases** and form 99.9% of the Earth's atmosphere and are **not** considered as greenhouse gases as they are defined as *gases that do not absorb and emit energy*.¹⁵

The remaining .1% of atmospheric gases are considered as **greenhouse gases** as they are defined as *gases that do absorb and emit energy*.¹⁶ The following figures are percentages of the .1% that comprise greenhouse gases (so water vapor is 94% of .1%, carbon dioxide is 3% of .1% and so on). The five primary greenhouse gases are:

- H₂O – Water vapor @ 94% (not counting clouds)
- CO₂ – Carbon dioxide @ 3%
- CH₄ – Methane @ 2%
- N₂O – Nitrous oxide @ 0.9%
- O₃ – Ozone @ 0.1%

From the preceding five greenhouse gas percentages, notice their overall relationship:

- Water vapor is *principally* the more active greenhouse gas contributing about 94% of the .1% of greenhouse gases to any potential greenhouse effect
- CO₂ is a very small percentage (3%) of the .1% of gases that forms the Earth's greenhouse gases. It is also the reason it is called a *trace gas* as CO₂ comprises only a tiny component of the Earth's greenhouse gases
- Methane, Nitrous Oxide and Ozone are minor participants as greenhouse gases

The reason climate change supporters rarely discuss water vapor as a major contributor to the greenhouse effect is because there is nothing humanity can do to modify the level of water vapor in the atmosphere. Instead, CO₂ is the primary culprit since it is alleged that humanity can control the release of CO₂. Therefore, it is being blamed for increasing our "*carbon footprint*."¹⁷

How Do Greenhouse Gases Work?

Greenhouse gases act like a radiative blanket over the Earth's atmosphere, causing the lower atmosphere to be warmer and the upper atmosphere to be cooler than if they were not there. Refer to Figure 1 to see how this works:¹⁸

1. Sunlight is radiated from the Sun to Earth as *shortwave radiation*. Earth's atmospheric gases can't slow down or block most of these small hot-rays so the majority of sunlight passes through our atmospheric gases to hit and warm the Earth's surface
2. Most shortwave sunlight/radiation is absorbed by Earth's surface items such as oceans, soil, buildings, people, and other similar items that have the capacity to get hot and expel a portion of that heat as *longwave radiation* or *infra-red radiation*
3. As the *longwave/infra-red radiation* is radiated upwards towards the atmospheric gases, some radiation is passed out into space. However, a noteworthy portion is absorbed by the greenhouse gases (and is also radiated back towards Earth) and becomes trapped within Earth's atmosphere, warming the Earth and keeping it at *around 59-degrees F*

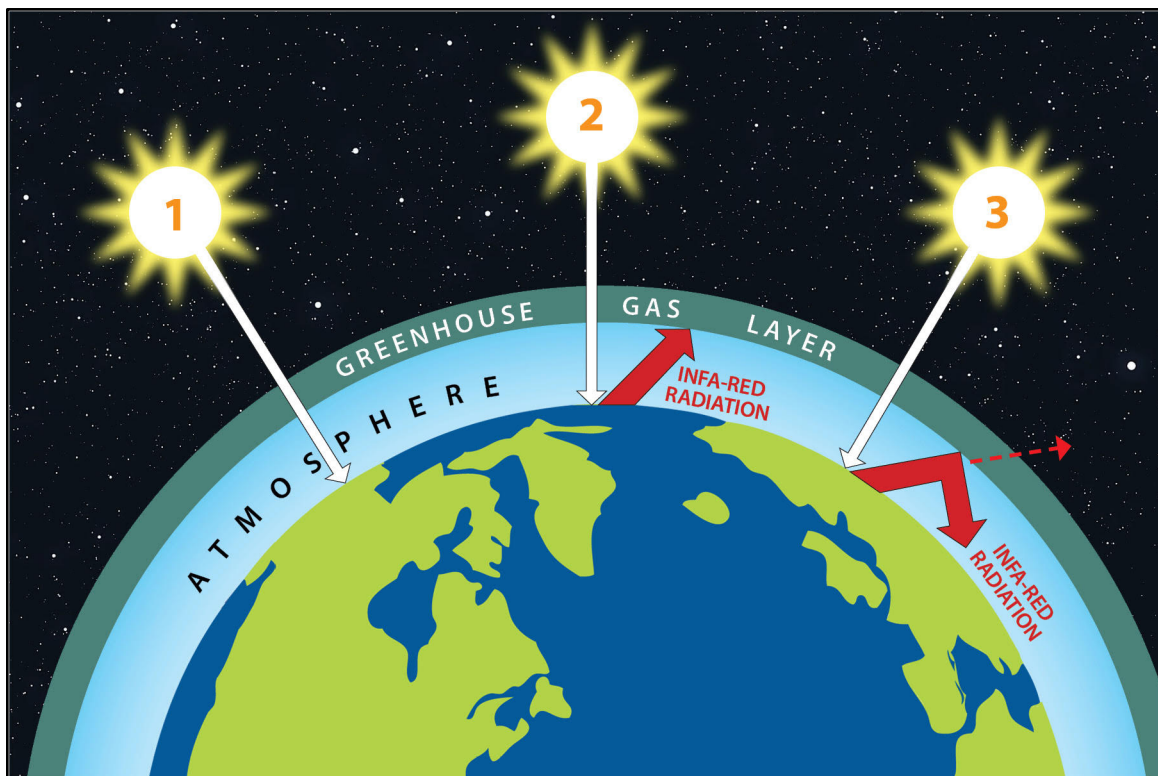


Figure 1: Greenhouse Gases and Their Effect

4. Even though water vapor is the primary (94%) greenhouse gas, CO₂ is considered the culprit of the greenhouse gases as an increasing amount of CO₂ is alleged to be causing a surface/atmosphere-warming tendency as it makes the Earth's natural greenhouse effect stronger. Current climate change theory dictates that the Earth's surface/atmosphere is rapidly heating up to hazardous levels as a result of the increased CO₂ emissions by humanity.

This is the climate change mantra.¹⁹ However, valid science does not support the anthropogenic climate change mantra as we will see in the following sections

DOES HISTORY SUPPORT ANTHROPOGENIC CLIMATE CHANGE?

The credible answer to this question is **NO!** So, to expand on this answer, let's look at some climate change history:

- Modern *worldwide* temperature measurements were not made prior to AD 1880. Prior to 1880, they were (and still are) made based on data from historical records, ice core measurements, sediment layers and tree-ring data
- Today, measurements are made from adjusted satellite orbits (but accurate interpretation can be easily modified by inherent ideologies)²⁰

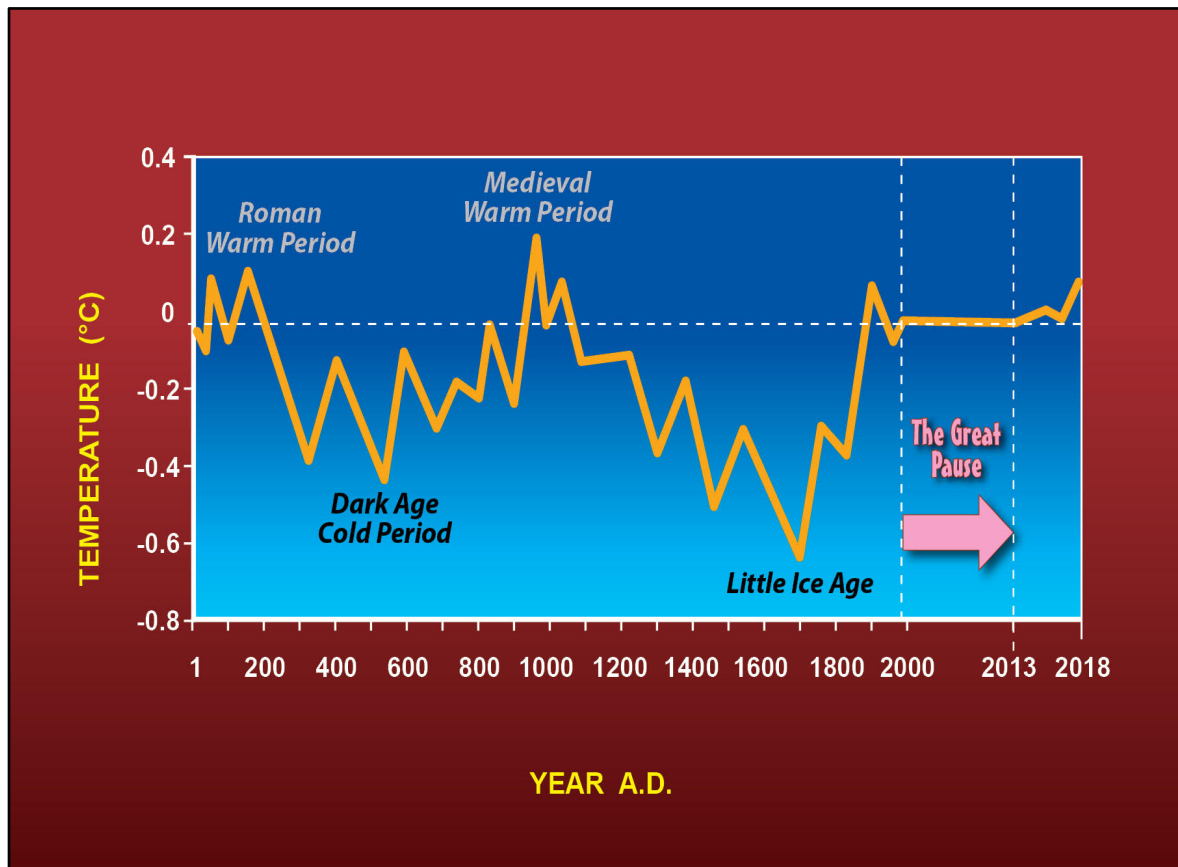


Figure 2. Historical Cyclical Warm And Cold Periods

- From a *secular* scientific perspective, it is well known and published that Earth has warmed and cooled naturally on roughly 100,000-year cycles for at least the last million years (using secular dating methods), and has likely varied as much as 5 to 15-degrees F²¹

- From historical records, it is also known that the Earth's climate has demonstrated numerous *cyclical warm and cold periods* over thousands of years. As an example, before the time of Christ there were the following warm periods preceded/followed by colder periods – Minoan, Summerian, Egyptian, Sahara 1&2, and so on
- For a more recent look, let's take a closer look at the past 2,000 thousand years to present as they have also been evidenced by *cyclical warm and cold periods*. Beginning in AD 1, there was the Roman Warm Period, the Dark Age Cold Period, the Medieval Warm Period and the Little Ice Age Cold Period (Figure 2 – adapted from the Swedish Society for Anthropology and Geography)²²
- The Roman Warm Period (AD 1 to AD 200) and the Medieval Warm Period (AD 900 to AD 1300) witnessed a significant warming period as temperatures registered *between more than 2-degrees F to 3.5-degrees F higher than the Earth's current climate according to new studies.*²³ Note that the Medieval Warm Period's increase in global temperature (also the Roman Warm Period) was *unrelated* to an increase in CO₂ emissions due to human activity (i.e., industrial revolution of 1760-1820) as there were lower population levels and minimal industrialization (compared to today), thus a very minimal human contribution to increased CO₂ levels (*remember the temperature scale on the left portion of the graph in Figure 2 is in tenths of degrees Celsius*)
- Overall, the global temperature has been rising since the Little Ice Age (defined by NASA as AD 1300 to AD 1800) and is clearly visible in Figure 2
- As evidenced by RSS (Remote Sensing Systems) satellite measurements, there was no significant climate change from about 1998 to 2013 (15 years) and is referred to as "*The Great Pause.*"²⁴ This period of static temperature is not typically mentioned by climate change advocates particularly when global temperatures have allegedly been steadily rising since 1880
- So, does history support climate change, particularly from man-caused carbon dioxide? When examining Figure 2 it becomes apparent that history reveals a clear up and down *cyclical* movement of temperatures over the past 2,000 years (this also holds true for the years prior to AD 1). Additionally, the reality that elevated levels of carbon dioxide from mankind during the Roman and Medieval Warm Periods were *not* a result of modern industrialization is also clearly evident (which is also true for the years prior to AD 1)
- Climate history supports a *cyclical pattern* of climate change, not of rising temperatures that can destroy the Earth

IS CARBON DIOXIDE THE PRIMARY CAUSE OF CLIMATE CHANGE?

This question is a focal point within the climate change debate. Information from environmental advocates such as the IPCC focus on the mantra that human-generated greenhouse gases are the principal cause of climate change as evidenced by a recent report from the IPCC as follows:

“Anthropogenic greenhouse gas emissions have increased since the pre-industrial era, driven largely by economic and population growth, and are now higher than ever. This has led to atmospheric concentrations of carbon dioxide, methane and nitrous oxide that are unprecedented in at least the last 800,000 years. Their effects, together with those of other anthropogenic drivers, have been detected throughout the climate system and are extremely likely to have been the dominant cause of the observed warming since the mid-20th century”²⁵

Based on the previous quote from the IPCC, let's make two apparent observations:

1. The phrase “*extremely likely*” indicates the IPCC is less than 100% confident in their conclusions
2. The IPCC states that anthropogenic drivers (environmental pollution originating in human activity) such as carbon dioxide that has been produced by mankind were the dominant cause of observed warming since the mid-20th century (1950). If that were true, how do IPCC statements clarify the Roman and Medieval Warm Periods as humans did not cause the warming cycles in these ancient civilizations by employing an industrial revolution and/or burning fossil fuels? As illustrated in Figure 2, it is apparent that human activity during AD 1 thru AD 1700 had minimal or no correlation with global temperatures as a result of fossil fuels and this is the primary reason why climate change advocates do not mention these conundrums

As an additional point of clarification based on the premise that human pollution by carbon dioxide is the most cited cause of an increase in climate change, refer to Figure 3.²⁶ Comparing the carbon dioxide estimates with the temperature estimates there is a noticeable lack of correlation between carbon dioxide and temperature! Let's look at several examples in Figure 3:

- The global temperature is aggressively declining from AD 1000 to AD 1700 while carbon dioxide concentrations during the same period nominally change
- The global temperature rise that begins around AD 1700 actually *precedes* the rise of carbon dioxide concentrations in AD 1800

The data in Figure 3 does not support the viewpoint of a correlation of rising carbon dioxide concentrations proceeding and/or causing rising global temperatures.

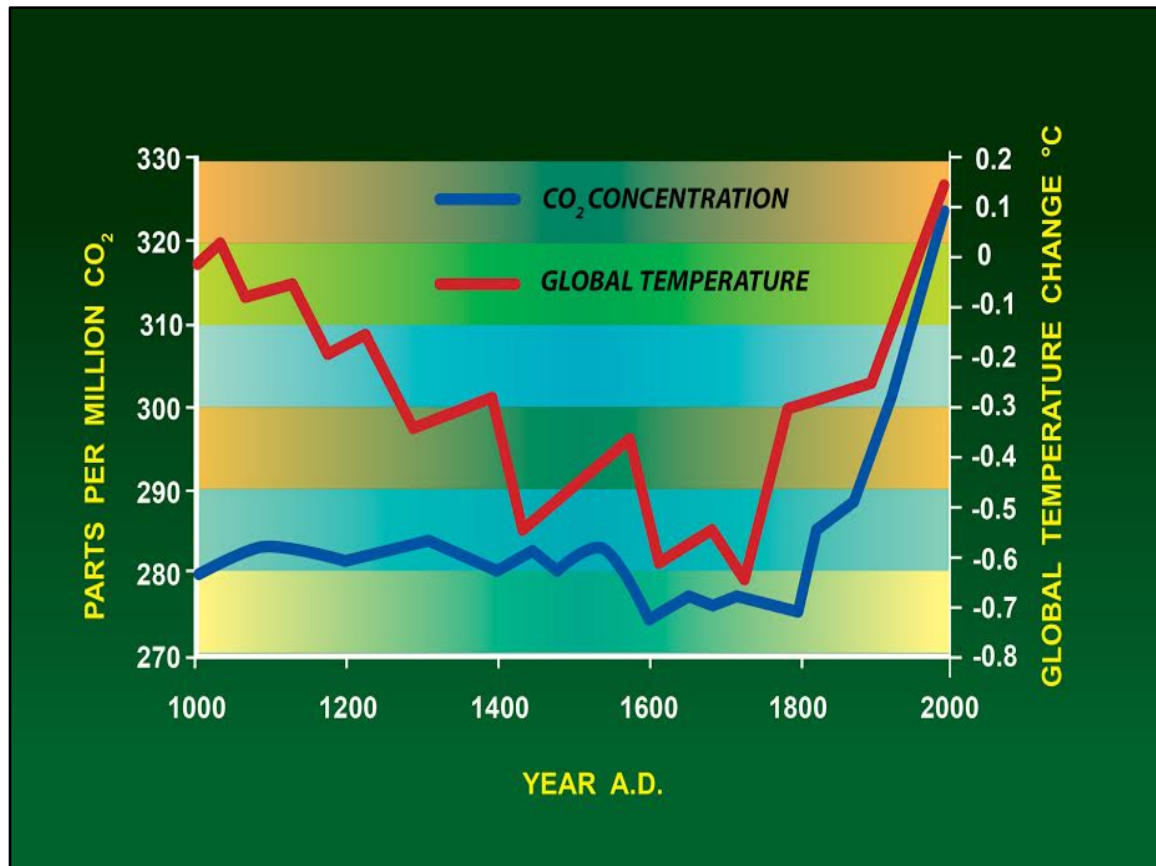


Figure 3. Carbon Dioxide And Temperature

Another carbon dioxide reality that needs to be briefly discussed is the amount of carbon dioxide that is being added to the atmosphere and allegedly responsible for anthropogenic climate change. To understand the amount of carbon dioxide being added to the atmosphere and its effect on climate change, consider the following quote from Dr. Roy W. Spencer, Principal Research Scientist, University of Alabama, Senior Scientist for Climate Studies at NASA, and co-developer of the original satellite method for precise monitoring of global temperatures from Earth-orbiting satellites:

“The major concern in climate change is that mankind’s burning of fossil fuels is slowly increasing the carbon dioxide content of the atmosphere. Those who fret over such things usually put the increase in the most dramatic terms possible, for instance – total global emissions are now running about 30 billion tons per year. Notice that they don’t tell you is how that compares to the total weight of the atmosphere: about 5 quadrillion tons.

While the rise in atmospheric CO₂ displayed in graphs often looks dramatic, the units of concentration are measured in parts-per-million (ppm). The current concentration of 380 ppm (as of 2006) means that for every million molecules of air, 380 of them are carbon dioxide. This small fraction reveals why carbon dioxide is called one of the atmosphere's trace gases. There simply isn't much of it.

At the linear rate of rise in CO₂ from less than 320 ppm in 1960 to 380 ppm in 2006, mankind only adds 1 molecule of CO₂ to every 100,000 molecules of air every five years or so. This, then, is what is supposedly going to cause a climate change catastrophe. Really,a whole bunch of scientists say so”²⁷

IS CARBON DIOXIDE A DETRIMENTAL OR BENEFICIAL ATMOSPHERIC GAS?

Carbon dioxide can be considered a beneficial gas from two significant and relevant viewpoints:

- As previously mentioned, CO₂ is a greenhouse gas and is instrumental in greenhouse gases keeping the Earth at around 59-degrees F. Without the greenhouse gases, Earth would not be a habitable planet
- Scientists believe that atmospheric CO₂ levels have oscillated in the past between about 180 ppm (parts-per-million) and 300 ppm. Today, CO₂ levels are around 410 ppm. As a result, the IPCC is concerned about the increasing amount of CO₂ in the atmosphere and that it has risen above a self-imposed ceiling of 300 ppm. As a result, the IPCC would like to reduce CO₂ levels to around 180 ppm.²⁸ Unfortunately, achieving a “floor” of 180 ppm is the level at which plant life would be in significant jeopardy. Without plant life on Earth, there would be no human life
- CO₂ is essential to life on Earth particularly for plant life. Plants need CO₂ for the photosynthesis process to produce sugars and oxygen. When plants are starved for CO₂, photosynthesis does not work very well and/or ceases to function. It is known that higher levels of CO₂ are beneficial for plants as the growth rate for plants increases from 5-50% when CO₂ levels are higher than the current levels of about 410 ppm. Interestingly, the maximum growth rates for most plants occurs when CO₂ levels are in the range of 1,000 to 1,200 ppm.²⁹

WHAT IS THE PRIMARY CAUSE OF MODERN RISING GLOBAL TEMPERATURES?

With the assistance of Figures 2 and 3, historic and scientific evidence points to the fact that carbon dioxide concentrations in the atmosphere are not responsible for the dominant cause of increasing global temperatures. This was clearly

illustrated during the Roman and Medieval Warm Periods that were hundreds of years before mankind burned “fossil fuels.”

So, if the Earth’s temperature has been moderately stable for at least 2,000 years, then what is the primary cause of today’s rising global temperatures? Let’s consider the following clarifications:

- Science will readily admit the subject of weather and climate are still not fully understood³⁰
- As evidenced by Figure 2, it is historically clear that global temperatures for at least the last 2,000 years have been cyclical and not linear
- After the Little Ice Age (about AD 1700), temperatures have fluctuated by about 1.6-degrees F. As an example, AD 900 to AD 1100 was considered a “warm period” and was then followed by a “little ice age” during AD 1400 to AD 1700 when the overall temperature dropped to about -0.6-degree C. (during this time, glaciers advanced, whereas now they are receding)
- The most significant and long-lasting natural process that can affect global temperatures is a change in “total solar irradiance” (TSI) from the Sun. Since the advent of satellites measuring solar radiation since 1979, it has been verified that sunshine is not constant as once thought. Changes due to sunspots and bright hot spots that change with time on the Sun’s surface equate to more solar radiation when there are more sunspots.³¹ Sunspots run in cycles such as the 11-year cycle, 22-year cycle, and a long period cycle that can last several hundred years that were instrumental in the Roman and Medieval Warm Periods. Obviously, these fluctuations are cyclical and are a direct result of cycles in the Sun’s radiation levels. As the Earth receives more heat from the Sun, the oceans will warm and release more carbon dioxide into the atmosphere. Conversely, as the Sun emits less heat, less carbon dioxide will be released as temperatures cool.^{32,33,34} Remember that 70% of the Earth’s surface is covered by oceans
- Based on the Roman and Medieval Warm Periods, today’s rising temperature is not unprecedented and is better explained as *a cyclical global weather pattern*
- The Sun and associated atmospheric cloud effects (clouds are capable of reflecting heat from the sun) are responsible for much of past climate change. Therefore, it is highly likely that the Sun and clouds are a major cause of twentieth-century warming with man-caused warming only a minor contribution. Scientific evidence from highly accurate satellite data indicates that modern warming does not bear the “fingerprint” of man-caused effects. ***Research of a growing number of scientists agree that variations in solar activity and its relationship with cosmic rays and reflecting clouds are the true driver of climate change, not anthropogenic greenhouse gases***^{35,36}

CAN EARTH'S CLIMATE BE ACCURATELY PREDICTED?

Based on leaked data from the IPCC, the answer to this question is **NO!** To clarify this conclusion, consider the following facts:

- Specifically, there has been about a 1.6-degree F rise in the globally averaged temperatures from 1880 until 1998,³⁷ depending on sources. Today, the current global temperature is about 58.6-degrees F
- Although the overall global temperature trend since AD 1800 is up, it is problematic (at best) to forecast a temperature rise or fall over the coming years as evidenced by the *cyclical rise and fall* of global temperatures as evidenced in Figure 2
- The reality of inaccurate forecasting of global temperatures by any climate organization, particularly the IPCC or any organization with a climate change ideology was exposed by the graph in Figure 4 that was leaked from the IPCC via The Daily Mail, and is based on data directly from the IPCC.³⁸ Clearly, the IPCC predictions (as well as many other climate organizations) were in error

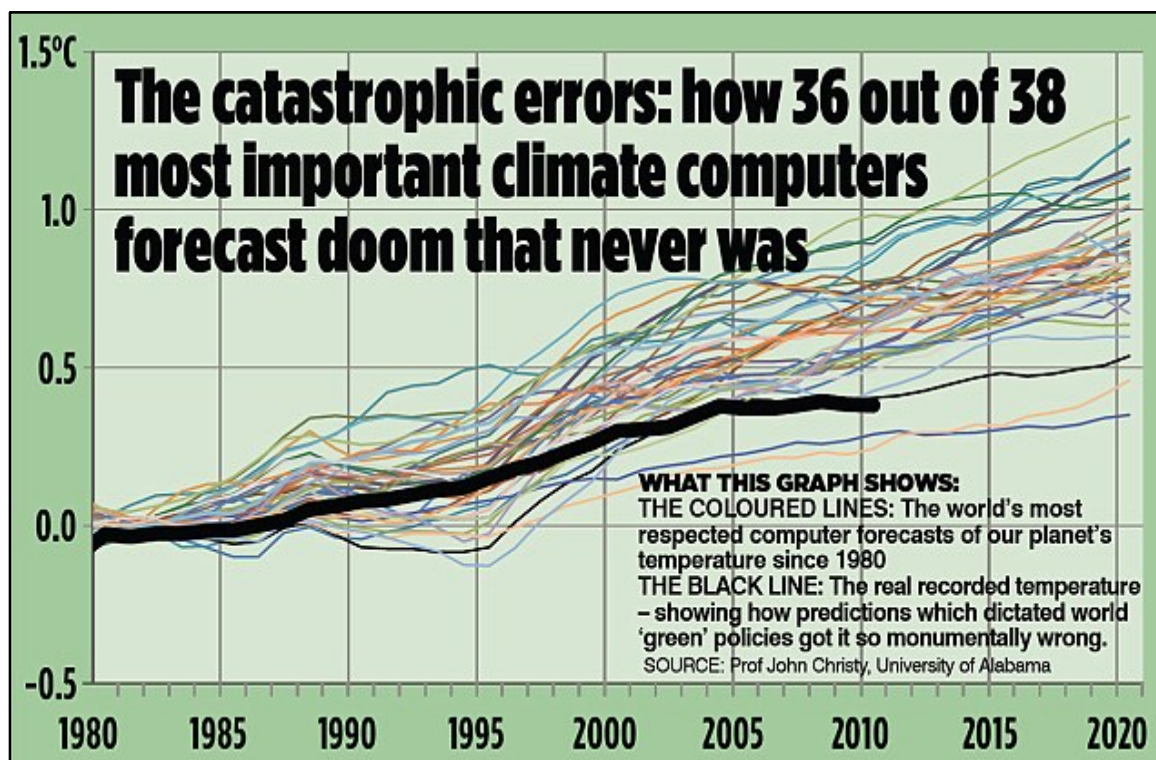


Figure 4. Erroneous Forecasting Predictions Since 1980

- When trying to predict future temperatures based on the cyclical graph line in Figure 2 (which comes from a history of over 2,000 years of cyclical warm and cold periods), future predictions are virtually impossible when based on a cyclical temperature history (like predicting the stock market). Nevertheless, this is what anthropogenic climate change supporters are attempting to do

WHY ISN'T BOTH SIDES OF THE CLIMATE CHANGE DEBATE PRESENTED FOR PUBLIC DISEMINATION AND REVIEW

The simple answer to this question is – *both sides of the climate change debate are presenting their viewpoints for public dissemination and acceptance*. The difference between the two perspectives is in the *methodology of presentation*:

Supporters

Without question, the *supporters* of climate change have been – and are continuing to be – very successful in providing alleged evidence for their perspective. Secular science, scientific organizations, the media and many politicians repeat the same mantra on a continual aggressive basis along with an increasing amount of urgency for good measure to enhance this. As a result, the public is subjected to a constant diet of alleged facts that seem to support a climate change environment that is rapidly leading to the demise of Earth in a short period of time. This is an example of the concept “*Engineering Consent*” that was pioneered by the nephew of Sigmund Freud, Edward Bernays who authored the books – *Crystallizing Public Opinion*, and *Propaganda and Public Relations*. *Engineering Consent* is based on the fundamental principle of the scientific technique of shaping and manipulating public opinion to create specific circumstances and pictures in the minds of millions of persons.³⁹ Some examples of the constant media mantra are as follows:

- *“the scientific evidence is clear: global climate change caused by human activities is occurring now, and it is a growing threat to society”⁴⁰*
- *“Human-induced climate change requires urgent action. Humanity is the major influence on the global climate change observed over the past 50 years”⁴¹*
- *On September 23, 2021, California Governor Gavin Newsome signed a 15 billion climate package to provide funding programs to combat drought and climate change in the state – “At the end of the day, we have to deal with the realities of climate change that are here right now. We can’t afford to sit back passively and watch the debate unfold in Washington D.C.”⁴²*

So, with a constant diet to the American public of the preceding mantra by the media and politicians, it is easy to see why the alleged warming of the Earth by mankind is a current problem that has merit and must be addressed at any cost, or humanity will perish (it’s all in the presentation). As an additional perspective, virtually all-secular climate change evidence is selectively presented to support the climate change mantra. As an example, consider the following quote:

“Temperature data showing rapid warming in the past few decades, the latest data going up to 2018. According to NASA, 2016 was the warmest year since 1880, continuing a long-term trend of rising global temperatures”⁴³

The preceding quote is partially correct (temperatures have been rising), but overall is deliberately deceptive as it is designed to focus on rising temperatures since 1880. The key to this quote by NASA is the fact that 1880 was the year that temperatures were beginning to be globally measured by science. However, notice that there is no mention of temperatures *before 1880* which were not only higher than modern temperatures, but were cyclical as well which is in stark contrast to the climate change repetition of rising linear temperatures (remember Figure 2?) as it’s all in the type of presentation.

Non-Supporters

The *non-supporters* of climate change have been – and are continuing to be – very unsuccessful and ineffective in providing evidence for their perspective. Yet, as we have previously discussed, although the historic evidence is against climate change, scientific material/literature, the media, and/or politicians do not present any factual evidence that does not support the climate change mantra. Therefore, the truth is missing on the public stage of climate change opinion but is available on the Internet and in some selected scientific material.

WHAT IS THE CURRENT EMPHASIS BEHIND ANTHROPOGENIC CLIMATE CHANGE?

As we have previously discussed, the temperature of the Earth’s climate is currently being presented as rising with the alleged calamitous consequences of this increase being directly attributed to human activities. This has resulted in an increasing emphasis on the need to make significant rapid changes regardless of any inherent cost. This was evidenced by the July 10, 2019, Climate Emergency Declaration, submitted to Congress by Representative Alexandria Ocasio-Cortez and Senator Bernie Sanders asking Congress to declare that climate change is an emergency. The resolution demands a massive mobilization of resources on par with the United States response to WWII to halt, reverse, mitigate, and prepare for the consequences of the impending climate emergency and to restore the climate for future generations.⁴⁴

Even though this intense approach to climate change is currently becoming more routine (even hurricane Dorian is being linked to climate change)⁴⁵ a more subtle but revolutionary emphasis with an open admission to the motivation behind anthropogenic climate change was mentioned in a 1993 document titled *“The First Global Revolution”* published by the Club of Rome, a globalist European think tank. This document outlines their plans to use a

fabricated environmental crisis of climate change to rush humanity into achieving the club's hidden goal of global government and also gives credence to the perspective that the man-made climate change alarmist campaign is intended to produce a powerful world-governmental body under the authority of the United Nations. Following is a portion of that document:

*"In searching for a common enemy against whom we can unite, we came up with the idea that pollution, the threat of global warming, water shortages, famine and the like, would fill the bill. In their totality and their interactions these phenomena do constitute a common threat which must be confronted by everyone together.....All these dangers are caused by human intervention in natural processes, and it is only through changed attitudes and behavior that they can be overcome. The real enemy then is humanity itself"*⁴⁶

This goal was given additional support in 2009 by incoming European Council President, Herman Van Rompuy who described the 2009 United Nations Copenhagen Climate Summit as – *"another step towards the global management of our planet."*⁴⁷ Even more ominous is the following quote from A Skeptical Layman's Guide to Man-Made Global Warming – *"In America, socialism is bent on removing individual freedoms and placing the government in charge of our lives. The climate change issue is an important strategy for the advancement of socialism, under the guise of saving the Earth."*⁴⁸

WHERE DOES THE PARIS CLIMATE AGREEMENT FIT INTO THE CLIMATE CHANGE AGENDA?

Because most people have heard of the Paris Climate Agreement and it has been an integral part of the past two presidential administrations including the present administration, let's finish this discussion with a brief overview of this Agreement.

The Paris Agreement is billed as a legally binding international treaty on climate change. It was adopted by 196 parties in Paris on December 12, 2015. Its primary goal is to limit global warming to well below 2-degrees Celsius, and preferably 1.5-degrees Celsius. To achieve this goal, countries are to try to reach a global peaking of greenhouse gas emissions as soon as possible to achieve a climate neutral world by 2050. As a result of this *"united global effort"* to limit greenhouse emissions, several noteworthy considerations highlight this global attempt to limit greenhouse gases around this planet:⁴⁹

- Beginning in 2024, countries will report transparency on actions taken and resultant progress

- *“The Paris agreement reaffirms that developed countries should take the lead in providing financial assistance to countries that are less endowed and more vulnerable. Climate finance is needed for mitigation, because large-scale actions are required to significantly reduce emissions.”* For simplicity, the United States can be substituted for *“developed countries”*
- As of September 2021, none of the world’s major economies - including the entire G20 - have a climate plan that meets their obligations under the 2015 agreement⁵⁰
- To date, the United States is the only country to have withdrawn from the agreement. Then President Trump finalized the exit on November 4, 2020, saying that letting countries such as India and China to use fossil fuels while the United States had to curb its carbon emissions was unfair. However, this year President Biden reversed President Trump’s decision and pledged to cut carbon emissions in half, compared to 2015 levels, by the end of this decade⁵¹

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