

HAVE WE BEEN TOLD THE TRUTH ABOUT SEA LEVEL?

INTRODUCTION

Living on the Gold Coast, and owning many properties at sea level, I, and other friends and business associates who are in the same position, realized we could be badly affected if sea level was rising, so this made us research this possibility independently.

We all came to the same conclusion – namely that the real world science showed there was no evidence for any change in sea level despite what some claim. We found much scientific evidence that proves, beyond all doubt, that there has been no substantial change and that it is very unlikely that there will be any change sufficient to inundate coastal areas for the next century.

We found some references that showed some minor change over many decades but this amounted to only around 1.5 mm increase in sea levels per decade (15 mm per century). All this evidence was from highly respected scientists and science organizations worldwide who specialize in studying sea level change.

I have a good knowledge of many sciences and know the need for scientific protocol. Those wanting to support the fraud of manmade climate change produce dramatic, emotive claims based on computer simulations that are so flawed that in 25 years they have never once got a prediction right! The alarmists have not been able to provide any real-world evidence to back up their claims for impending disaster.

Like most people, I believed in manmade climate change for many years but after spending the last 8 years researching every facet of this subject, I was astounded that I was unable to find even one aspect that stands up to unbiased scientific scrutiny. I have written 2 science books and another soon to be published as well as many articles for science magazines. Many of my colleagues doing climate research also have strong backgrounds in science and they too have come to the same conclusions. None of us have anything to gain one way or another so we consider ourselves to be unbiased. Too many of the alarmists receive financial gain through grants while others have unrealistic ideologies that cause them to bias the information they provide to governments and the public. My only interest is in scientific truth.

Details of the evidence contradicting sea level rise scaremongering can be found in the following pages. It is written in non-scientific English for the average person to easily understand. I hope you may be able to make use of it to fight the government and other climate alarmists on this issue. I have made the paper as brief as possible whilst, hopefully, providing enough evidence to make the case.

Alarmists present predictions for sea level rise as the major threat resulting from their proposed so-called manmade global warming which, over the last 100 years, has been no more than a minute fraction of one degree supposedly caused by an infinitesimal change of only $4/100,000^{\text{th}}$ in manmade CO₂. Given this highly implausible postulation built only on highly flawed computer projections, it is important that this myth is destroyed by way of real-world measurements and science provided in the following pages.

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ARE THE 3 MAJOR CLAIMS OF CLIMATE DISASTER TRUE?

For decades Global Warmists have predicted 3 disasters from what they claim to be Manmade Global Warming.

Prediction 1. Average global temperatures would keep rising by 2 to 5 degrees.

The Reality: Global temperature only changed over the 20th C by a fraction of a degree. From the mid 90s temperature flattened and since 2006 global temperature has cooled! Few people realize that weather forecasts show that temperature drops every night on average by around 10 degrees: no one thinks this a large and abrupt change is unnatural. It has long been known that the Sun drives 99.99% of Earth's heat. The most basic experiments prove that the trace gas CO2 has no affect whatsoever on our climate.

Prediction 2. The planet would dry out. We would not see floods again and our dams would be dry by now.

The Reality: The opposite has occurred! Since 2007 there have been numerous floods worldwide, most dams and aquifers are full, all due to a cooler, wet climate prevailing. This wet cooler climate is now expected to dominate for the next 2-3 decades. This occurred in the past when the Solar cycle became dormant as it is now.

Prediction 3. – THE MOST SERIOUS! Sea level has risen and it is predicted to rise by many metres over the next 90 years. In the 80s and 90s Al Gore and other alarmists said it would be too late by 2000 to take action because coastal cities all around the globe would have subways and basements flooding and millions would have had to be relocated from places like Bangladesh and island atolls in the Pacific and Indian oceans.

The Reality: Even all these decades later not one city in the world has been affected by any change in sea level. Nor have any island atolls been affected and neither have millions been relocated as Al Gore out rightly lied about. There is no real-world evidence for sea level rise when one looks at the evidence following. Predictions are meaningless because input data can be easily manipulated and falsified to get a predetermined outcome - in order to keep grant funding flowing.

What is the real-world evidence for any change in sea level?

20 reasons that prove there is no change in sea level

While many scientists agree that there may be 1-3mm per year rise in sea level i.e. a mere 100 -300 mm per century, evidence from the real world, which is the only evidence worth considering, reveals that there has been none at all and that there will not be any in the next 90 years. Here is the evidence to prove this.

1. **The SEAFRAME study** (The Sea Level Fine Resolution Acoustic Measuring Equipment) funded by the Australian Science & Public Policy Institute through funding from the Australian government has monitored South Pacific islands and found that “when localized anomalies (i.e. cyclones and El Niños) were removed, sea levels were more or less constant”. For details see: <http://joannenova.com.au/2010/08/south-pacific-sea-levels-no-rise-since-1993/>. Also see <https://anonestclimatedebate.wordpress.com/tag/dr-vincent-gray/>

2. **THE INTERNATIONAL COMMISSION FOR SEA LEVEL CHANGE** which has 4,000 scientists measuring over 4,500 ports worldwide over 80 years has found no change in sea level. The past President, Alex Morner, has called the Alarmists' claims of sea level rise "the greatest lie ever told".
A very informative interview with Morner exposes how claims of sea level rise are fabricated. Go to: <http://www.21stcenturysciencetech.com/Articles%202007/MornerInterview.pdf>
3. **THE QUEENSLAND GOVERNMENT'S MARITIME SAFETY** prepares tide predictions for SE Queensland. It says "*sea level rise is very low, averaging 0.0003 metres (0.3 mm) per annum for the Australian continent (Mitchell, 2002), the 15 to 19 years of readings available from Queensland tidal stations is not sufficient to calculate a reasonable estimate of sea level change*". Such minute changes are not measurable: they are merely statistical. Such small changes are most likely due to wind across the Pacific in the El Nino years blowing waves higher on the eastern Australian Coast. For an explanation of the extraordinary high level of difficulty in measuring and predicting tides, go to the Maritime Safety site at: http://www.icsm.gov.au/SP9/links/msq_tidalreferenceframe.html
4. I and others have asked the **Bureau of Meteorology (BOM) and the National Tidal Centre (NTC) and CSIRO** for evidence in the real-world that proves their claim for doomsday sea level change. They were unable to provide any real world evidence! The government provides these entities with huge levels of funding for research to prove up the government's climate ideology and the need for a Carbon Tax so these entities have a strong incentive to use fraudulent predictions and highly biased data in order to retain their funding for their CEOs and staff. If you were a scientist in such organizations and your income depended on being deceptive in order to pay off your home mortgage and car and to be able to send your kids to private school, would you also find it necessary to lie? But they are not employed to deceive the taxpayer as they are doing. They are employed to tell the truth.

These government funded entities try to convince the gullible that isolated beach sand erosion here and there is evidence. But it is not because sand comes and goes naturally all the time after storm surges. They claimed that the big low pressure system in 2009 along SE Qld and Northern NSW beaches that caused strong onshore winds at the same time as a king tide was evidence of sea level change. This was NOT evidence at all as there was NO change to sea level locally let alone globally. And furthermore, over the following couple of years, the sand returned. Such events are natural,. They have always occurred and are very localized. They are not global. Pictures of the Gold Coast's popular Greenmount-Coolangatta beach and Kirra beach taken from Kirra headland since 1900 show that sand is removed after big low pressures systems and cyclones and then it is replaced in the coming years, sometimes to a larger extent. These pictures are available at: http://www.tweedsandbypass.nsw.gov.au/historic_photographs/coolangatta_beach_from_kirra_hill

These entities also try to claim that because some selected tidal measurements around the Australian coast show a few millimeters per year *apparent* rise in sea level that this is evidence of sea level rise. This is deliberately deceptive because they only refer to a select few sites in remote regions that show rise. But it is a rise because the land there is sinking due to natural movement of the crust. They deceive the public by not saying that there are just as many sites that show sea level is not changing while others show that it appears to be going down. But this too is merely caused by the crust rising due to tectonic plate movement; not a change in sea level. Sea level change must be global by the same amount everywhere because water finds its own level. If you spill a saucepan full of water on the kitchen floor, it does not pile up in one spot: it spreads evenly across the floor. This is elementary yet CSIRO, BOM and NTC make out they do not understand this and that the public is too ignorant to realize this obvious fact.

BOM and the NTC should be well aware of such fundamentals otherwise this proves that they are far too naïve or ignorant to hold their jobs. Or, it proves that they are so ideologically biased that they cannot perform unbiased credible science in which case they should all be replaced by competent scientists who can. Many believe that government-funded bodies, like BOM, NTC and the CSIRO are prepared to blatantly lie to maintain their lucrative funding from the government. The CSIRO uses estimates even far in excess of even the IPCC (!) which has been the leader of extreme alarmism. There are now increasing calls for jail sentences for those in such positions who deliberately exaggerate and deceive the government and the public in order to profit personally at great expense to taxpayers. The time has come for voters to demand this.

5. **The Netherlands should be the nation most worried** because much of this country lies below sea level so any rise would be disastrous yet they are not concerned. The Royal Netherlands Meteorological Institute wrote that "there is no need for drastic measures the time rate of climate change is slow compared to the lifespan of the defence structures along our coast (that) there is enough time for adaptation." And that's assuming there was a rise of 20 cm per century. Similarly, Hong Kong and Singapore would have disastrous problems yet they are not concerned. Venice has been slowly sinking due to the crust sinking since it was built so Venetians should be very concerned if sea levels were rising as fast as the alarmist try to proclaim, but they too are not concerned.
6. **If sea level rose it would slow the rotation of the Earth and this would be measured by satellites and atomic clocks.** If there was a rise in sea level by 20cm or more over the last few decades as claimed by alarmists, then the rotation of the planet would have slowed by billionths of a second which can be measured. But this has not been seen. Sea level would rise more at the equator slowing Earth's spin - just as a spinning skaters slow down when they expand by opening out their arms and legs. European satellite surveys show that sea level has been static for the last 9 years.
7. **Even the IPCC which had dramatic claims of many metres of rise this century has had to greatly revise their predictions downward to only 60 mm (which is still an major over exaggeration).** No doubt their next report will have it even lower.
8. **Tim Flannery, prominent Australian alarmist, Chairman of the Copenhagen Climate Council and head of the Climate Change Institute has bought a home at sea level** himself near Sydney yet he claims there will be catastrophic sea level rise and is encouraging coastal councils in Australia to forcibly move people from their homes in case of possible sea level rise in 100 years. This says how much he believes in the treat of sea level rise. See:<http://www.dailytelegraph.com.au/news/sydney-nsw/property-owners-fighting-on-the-beaches-as-house-values-stall/story-e6freuzi-1226217666469> Flannery received \$94 million(!) for research into a small geothermal energy plant (technology which is well proven) yet soon after starting to spend money on this alternative energy project, he declared that it was harder than he thought to make it work. We have not been advised that he has given the balance of the money back to taxpayers.
9. **Ancient ports in England and Ireland** (as well as those in many other countries) that are hundreds of years old **show no measureable change in sea level.** British naval records reveal that there is no evidence for a change in sea level even after the melting of ice after the Little Ice Age.
10. **The road to Wyndum** in Western Australia was built across the Cambridge Gulf tidal flats in 1971. In order to minimize construction costs, its surface was barely a few inches higher than the highest king tides. Yet even today, 40 years later, the road is not underwater even when there's an exceptionally high king tide. This is because the tides heights have not changed.
11. **The Maldives government's is pushing sea level rise as a problem for them so they have a better chance of getting foreign aid donations from other naive countries.** There have been fraudulent claims that the Maldives is being affected by sea level rise but this is not so. The only reason the Maldives has had sand removed from beaches at various times is because they decided to remove the coral from the reefs surrounding the islands to make cement for construction of all their new multi billion dollar condos and hotels. This was so they didn't have to import more expensive cement from India. Mining their reefs has allowed waves from cyclonic storm surges to travel over the denuded outer reefs and across their lagoons to affect their beaches. They are now trying to re-establish these reefs artificially. Because of this the Boxing Day tsunami was also able to affect a number of their islands. 60 Minutes produced the most disgraceful, misleading story on this trying to beat up sea level

change while having no regard for the truth. The International Commission on Sea Level offered to give the Maldives a presentation on why they have nothing to fear but they refused to let them do so because they would then have no reason to accept foreign aid donations.

They do not really believe that the ocean is rising because they are spending billions in building many more condos and resorts at sea level. They are also investing their huge profits into coastal land in North Qld beaches and Barrier Reef islands at sea level. If they believed the ocean was rising then they would invest in high ground; not coastal land that would flood.

- 12. Tuvalu claims their island atoll is slowly submerging due to sea level rise but strangely this is not happening to surrounding islands!** Before white man arrived, they limited their population to 300 as this was all this small island could sustain. But with the aid of modern day ships bringing them food, they now have a population in the thousands. This has caused them to pump up their underground water so that when they have a drought the island can sink into the drying out aquifer. The sinking of the island has nothing to do with any change in sea level.
- 13. Japan's largest and newest international airport, Kansai** is built on a manmade island that is just above sea level. If they believed that there would be any noteworthy change in global sea level they would have built the island higher with more landfill at enormous cost; but they didn't. This is true for many other airports located at sea level around the world.
- 14. Dubai's artificial sand islands, Palm Island and The World,** designed for very up-market residential homes at sea level, have not been made any higher to allow for the proposed increase in sea level. Similarly, many other multi-billion dollar developments at sea level in Dubai and numerous other seaside resorts elsewhere around the world have made no allowance for increasing sea levels because they cannot see any evidence that this will occur. The cost of building unnecessarily higher would be cost prohibitive and it would also make most developments far less desirable.
- 15. The captains and first mates of ships that have travelled the world for decades say they have not seen any changes in high tide heights** at any of the ports which they have docked at regularly all their working lives.
- 16. Senior age swimmers and fishermen** who regularly use coastal beaches and tidal rivers, attest via photographs that they have seen no evidence of sea levels rising over the 60-80 years they have been using those beaches and river estuaries.
- 17. Photographs of old jetties and sea walls show barnacles at the same height that they were over 50 years ago** so this proves sea level is not changing.
- 18. Many Gold Coast properties are less than a couple of metres** above sea level yet over 60 years residents who have lived at sea level have not noticed any change whatsoever in tide heights. This is true for many other coastal regions around Australia and around the world.
- 19. The Federal Government's Coast and Climate Change Council** has distributed maps which *predict* major inundation of the Australian coastline by rising sea levels. This prediction is based on highly unreliable *computer modelling* which *assumes* a totally unrealistic global warming of 2–5 degrees

Celsius over the next century and a consequent sea level rise of at least one metre. Real life temperature measurements globally are highly unreliable to better than 1 degree for numerous reasons yet warmists claim an impossible *one tenth of a degree* accuracy. The fraction of a degree warming they claim for the 80s and 90s stopped by the 2000s and then reversed since 2006 so there is no expectation that temperatures will continue to rise. In fact, many meteorologists now expect global temperatures to keep declining for the next 25 years because during the 20thC there was a 25-30 year cooling of a fraction of a degree followed by a similar warming cycle. Temperatures dropped slightly from the late 1800s to the 1920s and again from the 1940s to the 1970s while rising between these cool decades. These cycles were driven by changes in solar activity. As no global sea level rise has been recorded over the 20th C, there is no reason to believe any will occur during the 21stC. In fact, NASA claims to have measured a small **drop** in sea level in the US over recent years.

20. Climate alarmists talk about the **thermal expansion of water causing sea level to rise** only *if* the global temperature was to rise. Even if the air temperature was to rise by a full degree, this would only warm the surface waters of the oceans to 100 m by a hundredth of a degree. Water being of a much higher density than air requires far more sustained heat energy to heat it to any depth. The air can only heat the surface water which comprises a minute percentage of the total body of sea water (which is very cold and very deep). Thermal expansion of water from 4 °C to 100 °C (*i.e.*, from almost freezing to boiling) is a mere 4.2×10^{-2} Thermal expansion of the surface from a full 1 degree rise would only produce a rise of 14 mm yet governments are legislating to force people who own homes by the sea and along tidal rivers and harbours to move off their properties for this meagre and totally unrealistic occurrence. Some local governments in Australia are pushing the fear of rising sea levels in the distant future to stop seaside property owners from being able to do any renovations on their properties and these laws are making it difficult or impossible for homeowners to get insurance. All this when there is no evidence for any change in sea level. Even during the 10 year world drought from the mid 90s to the mid 2000s glaciers did not melt at any unnatural rate. Nor did either ice cap melt any more than they did during warmer decades during the early 20th century. There was no measurable change in sea level from fresh water. Since 2006 **glaciers have grown** due to a series of very cold winters and heavy snow falls. So the proposed threat of glaciers and icecaps melting was as complete dramatisation. For a list of growing glaciers and ice sheets see: http://www.iceagenow.com/Growing_Glaciers.htm

The latest scientific studies refute fears of Greenland Melt. Go to:

http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord_id=175B568A-802A-23AD-4C69-9BDD978FB3CD For more on growing glaciers and thickening Arctic Ice cap go to: http://www.iceagenow.com/Growing_Glaciers.htm

UNCERTAINTIES IN SEA LEVEL RISE ADMITTED BY THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE (IPCC)

In green are extracts from the IPCC's last Assessment Report on projected sea level rise with comments following in black.

This statement from the IPCC's Summary states that '*Sea level change is highly non- uniform spatially, and in some regions, rates are up to several times the global mean rise, while in other regions sea level is falling.*' There is no overall trend towards sea level rise. Sea level change must be global. It cannot be both up and down or change drastically from one location to another.

The IPCC Report goes on to say '*There is evidence for an increase...[but these are] related to storm surges, and variations...in regional climate.*' Storm surges are NOT evidence of global sea level rise. A storm surge is a brief temporary rise in the ocean's surface directly under a low pressure system. The ocean rises because there is a lesser weight of air (pressure) pushing down on the ocean. Such a rise typically lasts only hours.

The Report goes on to say that '*sea level is accompanied by considerable decadal variability.*' Decadal variability is relatively minor being only some millimeters over decades. When there are upward changes these are known to be due to El Nino events where wind blowing westward across the Pacific causes a slight piling up of water and increased wave heights along the Eastern Australian coast. This is NOT global sea level rise as this effect disappears during La Nina events.

In summing up the Report says '*It is unknown whether these + or - changes are due to decadal variability or an increase in the longer-term trend.*' This is saying they don't know if there is any overall change in global sea level so how can they pretend otherwise? The Report also says, '*There are uncertainties in the estimates of the contributions to sea level change.*' This makes it even clearer that they have no evidence - despite decades of claiming otherwise. You can find the last IPCC report at: <http://www.ipcc.ch/pdf/assessment-report/ar4/wg1/ar4-wg1-chapter5pdf>

Note that the IPCC Assessment Reports for government decision-makers are littered throughout with provisional words (typically in italics) such as "*likely,*" "*more likely,*" "*very likely,*" "*possibly,*" "*expected,*" "*inferred,*" "*may*" etc. The authors know they cannot be categorical because they have no scientifically valid proof for any of their claims.

SUMMARY

1. Predicted catastrophic sea level rises are based on the discredited anthropogenic global warming model. **There is NO threat from sea level change.**
2. The predictions are not supported by real life observations.
3. Ultra-Left wing and Dark Green politicians are using unjustifiable scare tactics in a vain attempt to brainwash voters into supporting their naïve ideologies. These alarmists abhor prosperity and industry yet this has greatly increased the life spans of billions of people and also improved the health and lifestyles of people across the globe. Over the last few decades, it has greatly reduced pollution across all developed countries and it will continue to do so.