

## TOOLS OF DECEPTION 3

To keep an issue alive when the issue has no solid foundation, people are encouraged to deceive us and keep us away from the crux of the issue. So, many of the deception tools will not even discuss the issue at all. This was discussed in the two earlier Readings.

When such people are forced to discuss the issue, they will use other deception tools to hide any weaknesses in their arguments.

### Very Large Numbers

When you are dealing with something small, it is a good idea to use very large numbers so the naïve think “very small is really very big”.

Rather than using relevant figures, The Green PR machine will use very large figures that encourage us to use our imagination to come up with an erroneous conclusion. Because the conclusion is ours, we won't fault it.

**Example 1.** Rather than telling us how little CO<sub>2</sub> is in the atmosphere (e.g. 400 parts per million, or one molecule in every 2,500 molecules of atmosphere), we will be told about the billions of tons of CO<sub>2</sub> in the atmosphere. The later description will encourage us to believe there is far more CO<sub>2</sub> in the atmosphere than the accurate former description.

If you were given one million parts of the atmosphere to sort and count (at one part a second) leaving CO<sub>2</sub> molecules to the end, it would be a very large task. Working 24/7, it would take you just under twelve days. The last seven minutes you would be counting CO<sub>2</sub> molecules and in the last twelve seconds you would be counting man-made CO<sub>2</sub> molecules.

**Example 2.** The graph below used by Al Gore and his scientific advisor NASA scientist, James Hansen, uses large number deceit as well as graphical deceit.

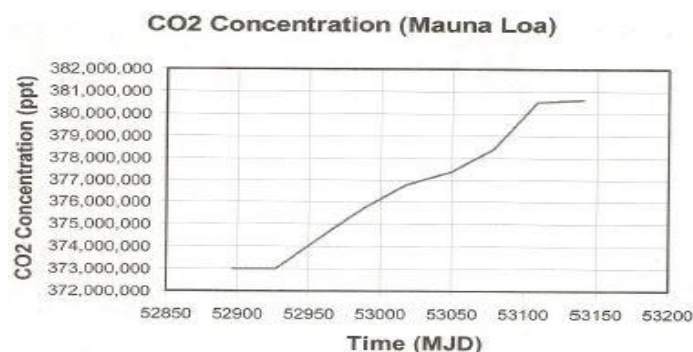


Figure 1: Carbon dioxide concentration versus time, shown in Gee-Whiz fashion.

We are told the graph is showing how fast CO<sub>2</sub> levels are rising. CO<sub>2</sub> concentrations are on the vertical axis and time is on the horizontal axis. If we don't

critically examine this graph, all we see is a steep rising line and very large numbers on each axis for both CO<sub>2</sub> and time.

We are led by the nose to believe “lots and lots” of CO<sub>2</sub> have been going into the atmosphere for “lots and lots” of time. They have just deceived us.

Apart from deceiving us, the graph is not enlightening at all. CO<sub>2</sub> concentrations are usually measured in parts per million, not parts per trillion as shown on the graph. Using parts per million, would get rid of all the six zeros on the vertical axis.

The horizontal axis is generally labelled in decades. To get large numbers to impress us, the horizontal axis in this graph is in days (Mean Julian Days). So, if the graph is not fabricated you are looking at a CO<sub>2</sub> rise of 7.75ppm rise over 100 days, not decades.

If we have got this far, this rise should impress us – it normally takes at least a decade to see such a rise. So where is the deceit?

In all likelihood, these 100 days are in Autumn when we can see a rise like this, but in the following 100 days of Spring we will see a similar size fall occurring.

Are Gore and Hansen liars? No. But they are deceiving us, pretending that CO<sub>2</sub> concentrations are rising 36 times faster than reality.

**Example 3.** Rather than telling us how high the sea levels will rise we are told 140 billion tons of ice is going into the sea each year. Our imagination will come up with a very large sea level rise when, in reality, it is only a fraction of one millimetre.

As a general rule, anytime a Green gives you a very large number, you are about to be misled and therefore you need to turn it into a more accurate and/or useful figure.

### **Graphical Deceit**

On the next page, there are two graphs showing the same data but displayed in different ways. The first graph is using graphical deceit, while the last graph has no deceit.

If you compress or extend the vertical or horizontal axis of a graph, you can significantly change the shape of a line on the graph. That is, turn a comparatively flat line into a steeply rising line – something the Green PR people need to mislead us.

Always check for truncated axes on graphs, if you suspect you are being misled.

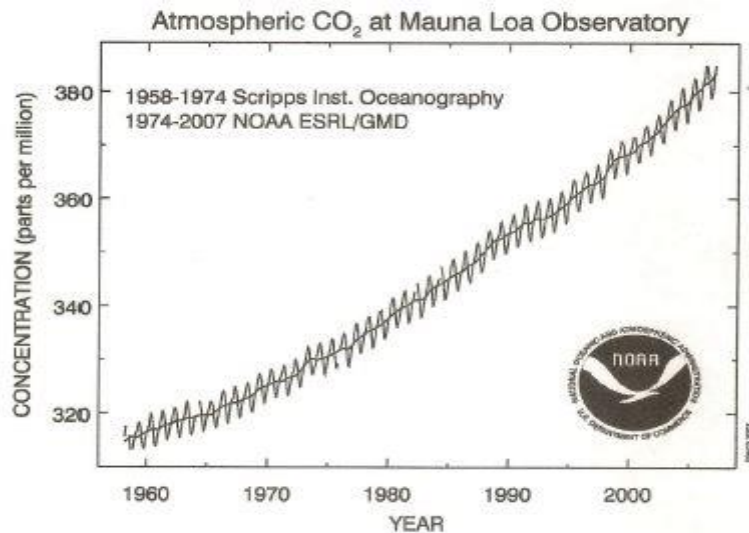


Figure 2: Atmospheric CO<sub>2</sub> measured at Mauna Loa [1]. It suffers from the same Gee-Whiz maladies as Fig. 1, though at least the time scale covers more than one season, and the CO<sub>2</sub> numbers are not in the millions.

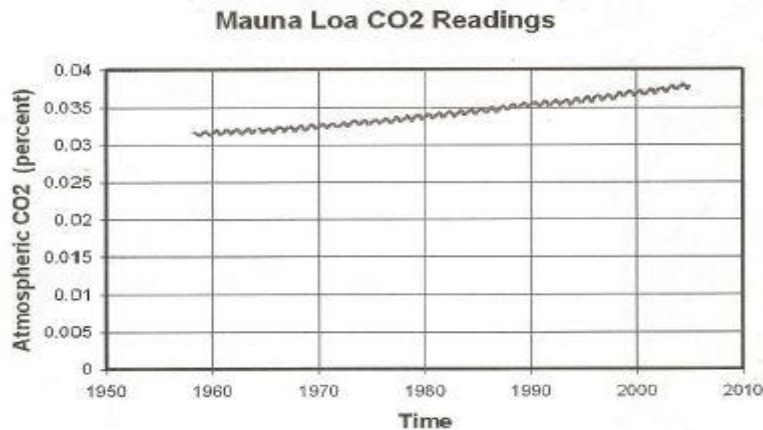


Figure 4: Atmospheric carbon dioxide from Mauna Loa measurements with no Gee-Whiz artifacts. Since 1958, CO<sub>2</sub> concentration measured at Mauna Loa has increased from 0.032 percent to 0.038 percent of the atmosphere.

## Visual Deceit

“A picture is worth a thousand words” so, if a picture is misused, we have a thousand words deceiving us. We are shown a beautiful film of a glacier in the Antarctic calving. A very large block of ice, 100 metres high, breaks off and “smashes” into the water.

While watching we are told how many billions of tons it weighed, and how many swimming pools could be filled with the water it contains. By now you will realise this is deception by using big numbers being reinforced by visual deception – look how big it is!

We are then told, when this block drifts off and melts, it will cause catastrophic sea level rises. They knew the weight of the ice, so why don't they tell us exactly

how high the sea levels will rise? Answer? A very small fraction of one millimetre – not a good answer for the deceit they are ‘selling’.

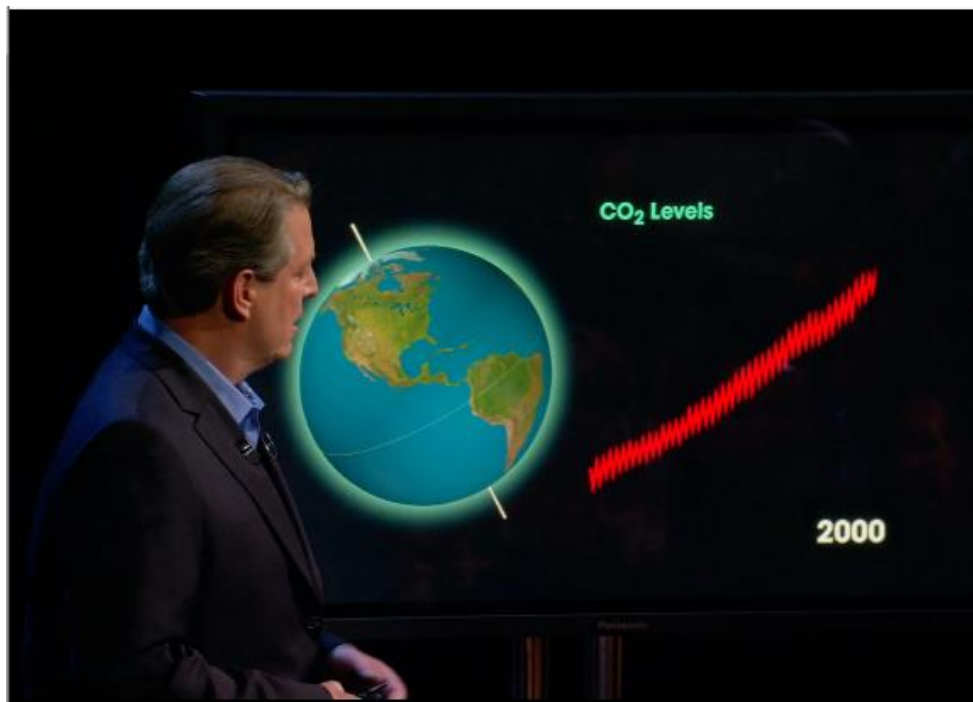
They want to deceive us using visual deceit and large number deceit. Visually we see this massive block of ice – massive when compared with a human, but trivial when compared with all the oceans. They then tell us how much water it contains which is massive if we think of filling swimming pools, but trivial if we are filling all the oceans.

Just in case we go looking for evidence of sea level rises, we are told it might be trapped amongst other floating ice and not melt. We can only hope. This is more deception, ignoring the buoyancy laws of physics. As soon as this block of ice started floating in the water, it would have displaced its own weight of water.

The suggested two metre catastrophic sea level rise would have happened instantaneously without any melting. We didn’t see any movement because it was such a small fraction of one millimetre.

**Visual Deception by Association.** Al Gore is seen here using graphical deception with visual deception. By truncating both axes of the graph, we see a “big” rise in the CO<sub>2</sub>. To emphasis the “bigness”, we show the graph along side a very big object – the planet.

We are convinced - we know the planet is big so the rise in CO<sub>2</sub> must be enormous! Another win for deception.



The same deception tools are used in the next slide but this time rather than being subtle, as above, this deception is so blatant it is bordering on farcical.

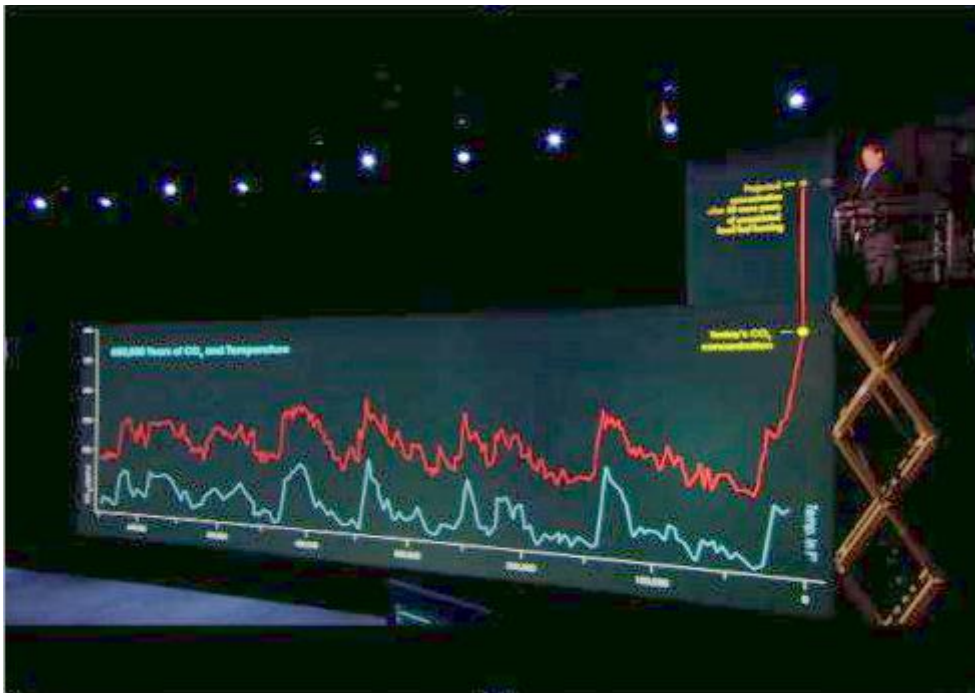
However, before we burst out laughing, remind ourselves millions watched his film – they did not laugh – and they fell for this deception.

Once again Al Gore was ‘selling’ the BIG rise in CO<sub>2</sub> concentrations. Here he was on a stage in front of a large audience with a slide showing the historical levels of CO<sub>2</sub> and then showing the predicted rise in CO<sub>2</sub> levels. This slide is displayed on a six metre high screen.

Rather than relying on graphical deception to sell ‘BIG’ to the audience, he couldn’t help himself and reinforced ‘BIG’ with some visual deception.

He walked over to the side of the screen, stood on a gantry, and while using an electric controller, was lifted by the gantry up six metres so he could point to how high the graph went – as if the audience could not see this.

‘BIG’ was oversold at this stage and the audience feared the predicted rises in CO<sub>2</sub> concentrations. It does not matter how bad the lie/deceit is, if it is repeated enough, most will believe it.



## Records

Your neighbour has been recording the maximum temperature each day for fifty years. You decide to start recording temperatures as well.

On your first day, you will measure a ‘record’ high and ‘record’ low temperature. If the temperature is lower on the second day, you now have a new ‘record’ low temperature and the old ‘record’ high temperature still stands.

At this stage, if you go around telling people about the ‘record’ temperatures, your neighbour will not only roll his eyes, but will accuse you of deceiving these

people. This is an exaggerated example of the “record deceit tool” regularly used by the Greens.

**Arctic Ice.** In the mid-1980s, a satellite started recording the growth and melting of the Arctic ice. Within five years, the Green movement was putting out press releases about “Record Melts” of the Arctic ice “proving that global warming is happening and accelerating”. They never mentioned the short timeframe that recordings had been made, and most believed the records had been going for more than 75-100 years. Another win for deceit.

In the 1960s, on two separate occasions submarines surfaced in open waters at the North Pole – something that couldn’t be done during this short record period!

**One Town but Not Another.** The Climate Commission in Australia points to a “record” high temperature in one town. Claiming this shows that ‘global warming is happening and accelerating’. However, another town close by, which has records three times longer, has recorded more than a dozen higher temperatures.

**Fiery Summer.** One of the Climate Commission’s reports to the Australian Government was labelled “A Fiery Summer”, claiming that Sydney had just experienced the hottest summer on “record”. However, they had only used half the temperature sites in Sydney – and yes temperatures were at record levels for these sites. Once all of Sydney sites were included in the data it was found that the summer temperatures had just been slightly above average – that is “not a record”

‘Record deceit’ is often used by the Green movement trying to show that something abnormal is occurring. It succeeds in deceiving people because they do not ask three important questions. First how long have records been kept? Second, how much higher or lower is the new record? Third, are there any other recordings in close proximity been taken?

The 1938 record high global temperature was beaten by the 1998 and 2012 record high temperatures – but by how much? The difference is measured in hundredths of a degree – hardly rapidly rising temperatures.

These high temperatures were caused by El Nino events, yet the Green movement claim that CO<sub>2</sub> was the cause without explaining how one molecule in 2,500 molecules in the atmosphere can move ocean currents. It must be right; the Greens and their scientists say so!

In this issue, when the word ‘record’ is mentioned, the alarm bells of every critical thinker should go off.

## **Statistical Deceit**

Every facet of our climate varies over different time scales and many of them have an underlying trend – either going up or down. Consequently, it is very difficult to establish what is normal and what is abnormal. Statistics is the only rational way of attempting to do this.

Because the Green movement spends most of its time pointing to the normal/natural and declaring it abnormal/man-made, it rarely uses statistics to enlighten us.

When it does use statistics – take care. “Statistics don’t lie but liars use statistics”. Since we are dealing with people who want to deceive us or lie to us, we need to understand some of the basic statistical concepts to make sure we are not being misled.

For example, when the multi-decade warming period ceased in 1998 and a cooling period began. Apart from hiding this change with language deception, statistics were used to change a slight downward trend in temperatures after 1998 to a horizontal line – “cooling” had to be covered up.

If you take enough rising temperatures before 1998, to balance the years of cooling temperatures after 1998, you can statistically produce a horizontal line. The “C” word is avoided. The statistics don’t lie but are we being deceived?

Using a different set of data or different statistical tools will show a slight cooling period after 1998. Remember, the annual rises and falls of temperatures are measured in thousandths of one degree, so it doesn’t take much manipulation to get the answer you want.

This also explained why the six Green organisations advising the IPCC on global temperatures had such a wide spread of figures measuring the ‘hiatus in warming’ in 2012 – that is between 17-23 years.

## **The Other Side of the Coin**

The Green leadership, their scientists, or their public relations machine rarely, if ever, show balance or any uncertainty in discussing this issue. They will rarely “look at the other side of the coin” and will always focus on the “doom and gloom” side of the coin which is always bad.

While vilifying CO<sub>2</sub>, the Greens will only discuss the negatives – and often go out of their way to stop others highlighting the benefits. For instance, they won’t point out that CO<sub>2</sub> is vital to all life on this planet. That humans breath in oxygen and exhale CO<sub>2</sub>, while trees ‘eat’ CO<sub>2</sub> to grow, and give off oxygen. That the recent rise in CO<sub>2</sub> levels have increased the yield of cereal crops by 5-30 %.

The ice that is going into the oceans from Antarctica and Greenland were built from precipitation (snow) that originated from the oceans. In making predictions about sea level rises both “sides of the coin” need to be considered before deciding if there is a net gain or loss of ice.

At a higher level, even in a discussion of this issue from 1980, the Greens have deliberately prevented a balanced view. Any different views or uncertainties were not tolerated. Even today, we see large numbers of scientists and citizens prevented from speaking if their ideas are deemed to be critical of the “cause”.

## **CONCLUSION**

Most deception tools used by the Greens don't discuss the issue. When the issue is discussed, they use the deception tools that have been discussed above.