

How Scientific Models Get It Wrong

We saw in the recent floods in south-east Queensland and the northern half of the coast of NSW, that the modelling which said we'd run out of rain because of Global Warming, was based on fallacious modelling. The extreme rain event caused by upper atmospheric troughs bringing moisture down from the tropics produced a 1-in-500 year flooding event, which caught everyone 'off-guard'.¹



Unexpected flooding in Brisbane

How can modelling get it so wrong? I'll let you in on some carefully guarded secrets about computer modelling which will answer the question.

As a computer programmer, database programmer and IT trainer, I have exposed the flaw in climate modelling (as well as many others), through poor coding. All models run on code which handles the data input and produces output of various kinds. If the coding has logic errors or errors in its simulation of natural phenomena, the output will be erroneous. That's for any and all coding flaws.

The reason why climate models and COVID models have changed over time, according to what they predicted, has a lot to do with the alterations that were made to the model's coding. We have observed this, and we have listened to the explanations of the 'experts', but the fallacies at the basis of modelling still remains the problem.

What do I mean? There is a computing maxim that coders and database administrators know all full well:

Garbage in: garbage out

A database will only produce results which are in relation of the accuracy of the program's coding and the data that's been entered into it.

Likewise, a simulation model will produce results which are in relation of the accuracy of the program's coding and the data that's been entered into it.

If there is an error in the logic of code, or if the coding has an erroneous function, the output will be wrong. That's what 'garbage in: garbage out' means. Accurate results cannot be derived from erroneous coding.

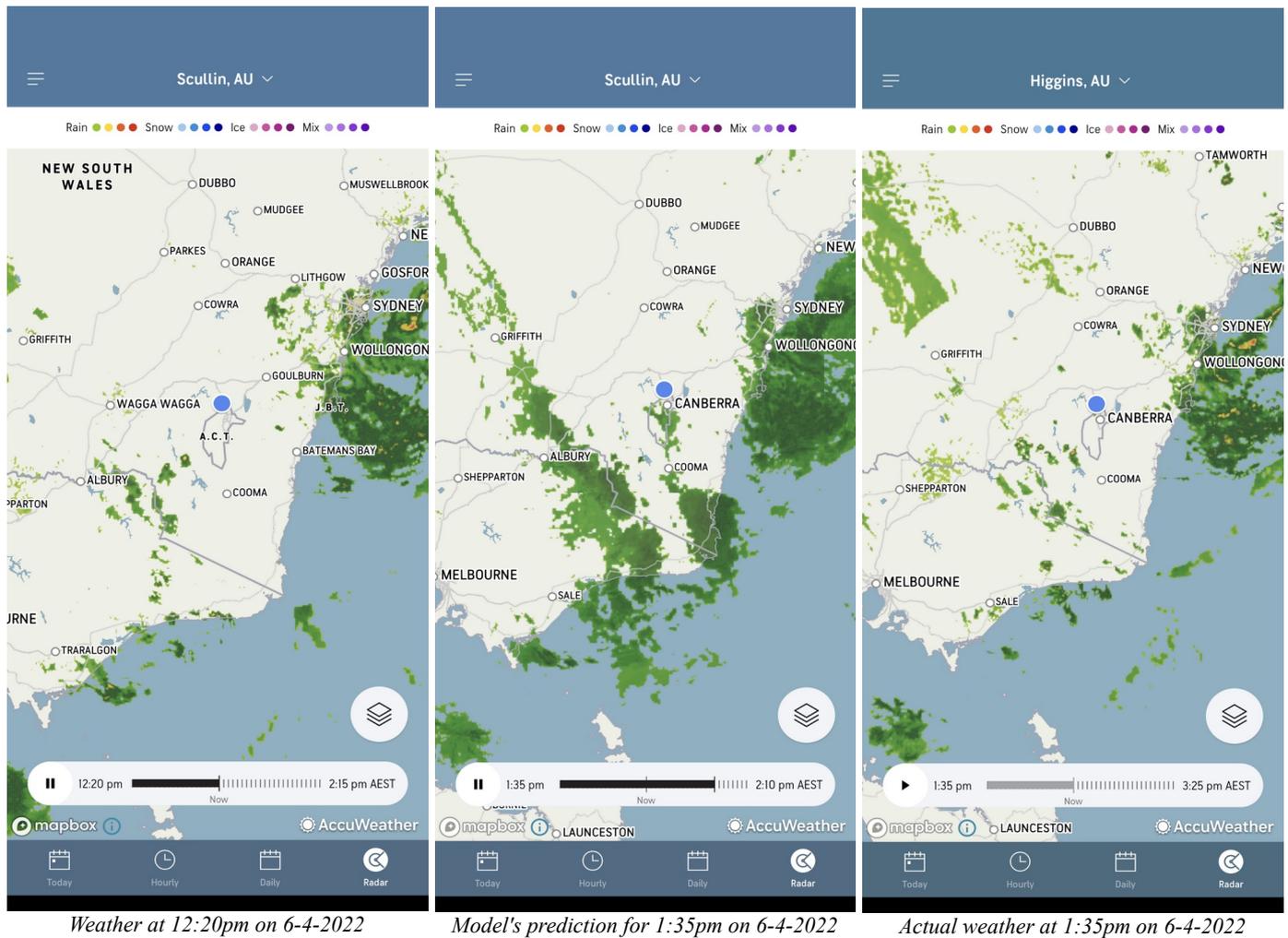
Over the page is a simple example of how weather models can get predictions very wrong because the coding is inadequate to cover natural phenomena.

¹ – "Houses in Lynne Grove Ave, Corinda flooded during 2022 Brisbane flood"

By Kgbo, Creative Commons Attribution-Share Alike 4.0

commons.wikimedia.org/wiki/File:Houses_in_Corinda_flooded_during_2022_Brisbane_flood_05.jpg

NOTE: Graphics were produced from the Accuweather app on my Android phone on 6-4-2022.



Notice the huge difference in that predicted and the actual rain that was falling (green). If you can't see the discrepancy between predicted and actual, it's the area from Griffith through Albury to Sale. Also Canberra and the area from Cooma to the NSW-VIC border on the coast. The discrepancies are huge.

The takeaway from this simple example is that models can get it 'dead wrong' because they can't predict nature perfectly accurately. The problem is in the coding logic, but is can also be in the data input.

In regard to data inputs, we already know that faulty results occur when inaccurate or deliberately skewed data is used. I've already covered the alteration of weather data for Australia by The Australian Bureau of Meteorology,² and also the global temperature alterations by the Met Office Hadley Centre and the Climatic Research Unit at the University of East Anglia.³

The focus of this article is on coding, and as a further example, I'll look at the revision of deaths due to COVID by the CDC in the US.⁴ Predictions in this instance also came from computer modelling.

WATCH THIS VIDEO: [LINK](#) [0:00-7:30]

2 – **SEE:** IPA (2017) "Clime Change: The facts 2017" ipa.org.au/publications-ipa/books/climate-change-facts-2017-ebook-now-sale

3 – "HadCRUT4 Global Mean Temperature Data Set" canberraforerunners.org/wp-content/uploads/HadCRUT4-Global-Mean-Temperature-Data-Set.pdf

4 – Roman Balmakov (21-3-2022) "Facts Matter (March 21): CDC Says It Accidentally Inflated Children's Virus Death Numbers Due to 'Coding Logic Error'" [0:00-7:30] www.theepochtimes.com/mkt_app/facts-matter-march-21-cdc-says-it-accidentally-inflated-childrens-virus-death-numbers-due-to-coding-logic-error_4352253.html

The CDC officially reduced the deaths from COVID by ¼ for children under the age of 18. Over all age groups, they reduced the number of COVID induced deaths by 72,000. According to the CDC, they had ‘inadvertently’ attributed deaths due to drowning or drug use to COVID, which was erroneous. Their excuse was, “logic error” in their code. That means their coding had an error in the logic area where the numbers were counted from the data supplied by the state’s Health departments.

POSTSCRIPT: Even after the adjustments were made, the CDC’s 3 online public records all show different numbers of COVID deaths in children. This highlights flaws in database coding.



Massachusetts’ Department of Public Health has also radically reduced the number of deaths attributed to COVID. Their reason for doing so was an error in a formula in the code – also known as a logic error.

(GRAPHIC: Screen dump from Epoch Times article)

“Starting next week, Massachusetts will use new criteria in how it reports COVID-19 deaths, resulting in a change in how many people have officially died from COVID-19 since the onset of the pandemic. The state’s earlier methodology resulted in a “significant overcount of deaths,” officials said Thursday and they will adopt a new system recommended by the Council of State and Territorial Epidemiologists in collaboration with the Centers for Disease Control and Prevention. As of Monday, the state will remove 4,081 deaths previously counted as COVID-19 associated deaths from the state’s total, which as of Wednesday stood at 22,944, the Department of Public Health said. Health officials said it would add about 400 deaths that had not previously been counted. DPH said the state’s overall COVID-19 death count will decline by 3,700 – or about 15%. “We are adopting the new definition because we support the need to standardize the way COVID-19-associated deaths are counted,” said DPH State Epidemiologist Dr. Catherine Brown.”⁵

See how easy it is to produce erroneous results when the coding is flawed.

Of course the data for databases and models can be deliberately modified by selecting what data is used, or by manipulating the numbers before data entry or during the running of the program. This is not right, but it’s being done all the time without us knowing about it.

For Example – In a recent interview, “Scientific Fraud and the CDC”⁶, Dr. Robert Malone⁷ (The inventor of mRNA and DNA vaccines) stated:

“I strongly concur with Ryan⁸. This meets the criteria of scientific fraud. Withholding data is scientific fraud. So reading from the title, “The CDC isn’t publishing large portions of the COVID data it collects”. New York Times February 21st 2022 just an amazing title...Then there’s a quote from Samuel Scarpino, managing director of the Pathogen Surveillance at the Rockefeller Foundation’s Pandemic Prevention Institute. This is somebody who is deeply in the non-governmental sector, speaking on behalf basically of the scientists at the CDC that have failed to disclose this up till now. Here’s what he says. Direct quote, “The CDC is a political organization as much as it is a public health organization.” I mean, that is totally inconsistent with their charter. He’s speaking the truth of the situation, and that’s where we’re at, the CDC.

Basically a non-governmental spokesperson for the official public health scientific community is throwing Rochelle Walensky, the CDC director, under the bus. What he is saying...the governmental leadership of the CDC has stifled CDC scientists and preventing them from disclosing key information to the public about the risks of the vaccine. That’s stunning.”⁹

Scientific fraud goes on all the time. It’s very rarely detected and even more rarely brought to our attention.

5 – “Health officials announce new criteria for counting COVID deaths”

healthymatters.org/health-officials-announce-new-criteria-for-counting-covid-deaths

“Facts Matter (March 22): 4,081 Deaths Removed From COVID State Registry Due to ‘Significant Overcount’ by Officials”

link.theepochtimes.com/mkt_app/facts-matter-march-22-4081-deaths-removed-from-covid-state-registry-due-to-significant-overcount-by-officials_4354910.html

6 – Epoch Times (13-4-2022) “Scientific Fraud and the CDC” www.theepochtimes.com/scientific-fraud-and-the-cdc_4400549.html

7 – www.rwmalonemd.com

8 – Dr. Ryan Cole MD (Pathologist) www.rcolemd.com

9 – Epoch Times (13-4-2022) “Scientific Fraud and the CDC” www.theepochtimes.com/scientific-fraud-and-the-cdc_4400549.html

IMPORTANT: That data problem goes for modelling, just as much as it does for databases. However, modellers are not game enough to say when they have corrected errors in their code when the program's logic has been found to be wrong. They usually use other excuses to take the public's attention away from the fact that **modelling is designed to do what the modellers and coders want it to do** – i.e. they determine the outcomes. That means, they control what models predict, and all the while the public think it's actually what nature is doing.

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