# IMPORTANCE OF DIGITAL/ELECTRONIC DATA PRIVACY & SECURITY, AND HOW "SMART" METERS/OTHER "SMART" DEVICES/ ELECTRONICS/5G (and 6G) – AND OUR DATA – FIT INTO THE BIGGER AGENDA

**Kerry L. Aggen, Geoscientist & Retd. Geologist (BLM)**
**BSc Geological Engineering & MSc Geochemistry,**
**Colorado School of Mines**
kerry.aggen@yahoo.com

*I declare that I have no financial conflict of interest. I am presenting this information to provide critical information to the public for the public good. I reserve the right to correct at a later date any statements, information, and opinions I state or show, should it be proven to me that I was mistaken or misspoke. Nothing presented herein is either meant as, nor should be taken as, legal and/or medical advice.*

# WHAT "SCIENCE" IS – and – *WHAT SCIENCE ISN'T*

**"Science" / the root "-ology" = the "the study of" something**

**Goals include:**

- **Understanding it better/more fully – often called "pure" science**
- **Utilizing that knowledge for some practical purpose (if possible) – like the "engineering" side, the "doing" or "making use of"**

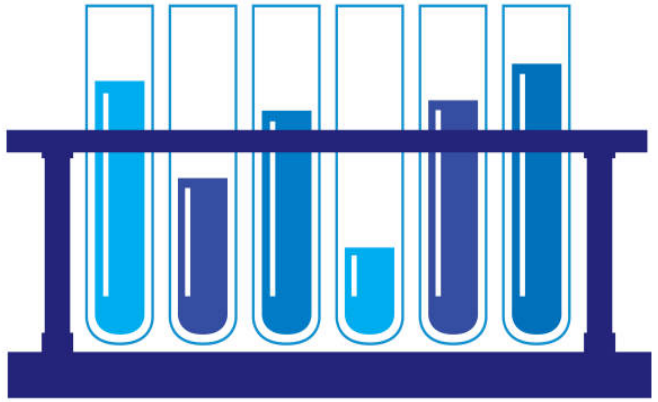
# GOOD SCIENCE VS BAD SCIENCE

**GOOD science, well done science, properly done science, is:**

- **Slow, methodical, painstaking, repetitive, costly, reproducible and predictive**
- ***All about QUESTIONING!!!***
- ***All about REPRODUCIBILITY* – if it's not reproducible, is it factual? Is it even *real*?**

**GOOD scientists study something by:**

- **Identifying every possible variable that can affect the outcome**
- **Running a series of tests/experiments, each one holding all variables constant except one – to see, in turn, how each variable affects the outcome**
- **Lather, rinse, repeat**



**SCIENCE IS *ABSOLUTELY NOT* ABOUT COMING TO A CONSENSUS!!!**

**SCIENCE & CONSENSUS ARE EXACT OPPOSITES!!!**

**“CONSENSUS” = GROUP THINK = “SCIENTISM” = IN ESSENCE, A CULT**

**“THE SCIENCE IS SETTLED” – IS ALL ABOUT *NOT* QUESTIONING & SHUTTING DOWN QUESTIONS…**

**When a group comes to a consensus, it’s very easy to dismiss other views & other information, which could have potentially catastrophic results**

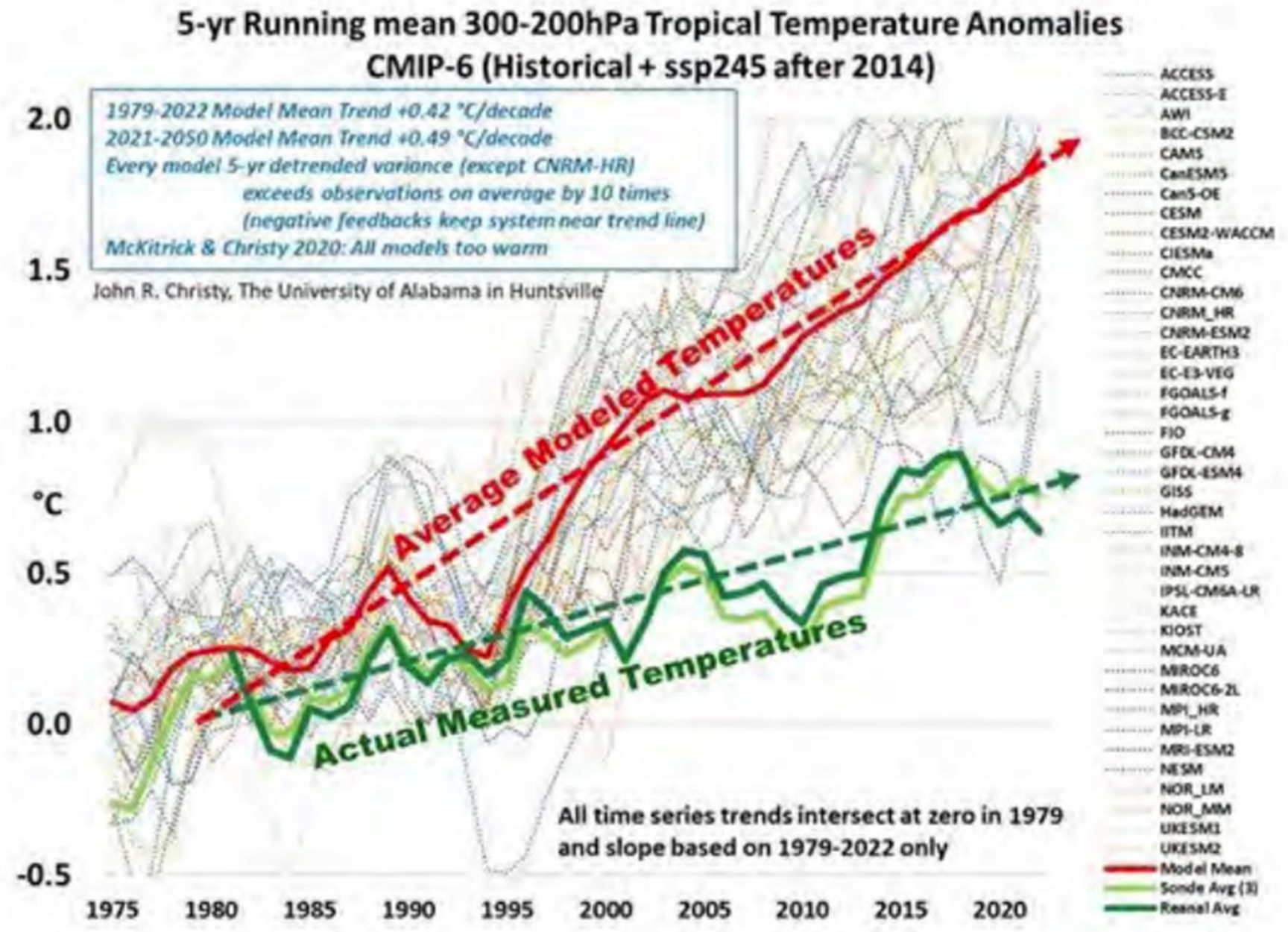
**Bad science is biased (sometimes deliberately), and can be misused – esp. by those with *ulterior motives*…**

*How is this an example of Bad Science???*

*Why did they never try to figure out why they're so off from real data???*

*Why did they never correct their models (computer programs)???*

*Why are they continuing with the deception???*



# IMPORTANCE OF DIGITAL/ELEC. DATA PRIVACY & SECURITY

**Every provider has their own privacy and data "sharing" policy:**

- **Utilities (for example, City of Buffalo w/r to water)**
- **Cell phone service providers, cell phone apps, etc.**
- **Internet/broadband svc providers, WiFi svc providers, audio/video streaming svcs, etc.**
- **Etc., etc., etc.**

**These tend to be lengthy policies filled with legalese that few (no???) end users read…**
**WHICH THEY KNOW… I can't help but wonder if they RELY on us not informing ourselves…**

**These policies allow them to sell, share, "lease", etc., our data with other companies.**

**We can't use these services until we agree to THEIR terms…**

*What recourse do we have for abuse/misuse of our data & their privacy policies???*

*How can we even know if there's been abuse/misuse???*

*How are subsequent users of our data keeping our data private & secure???*

*Do these secondary, tertiary, etc., companies have agreements with the companies they get the data from???*

*What recourse do we have if these subsequent users engage in abuse/misuse???*

*How can we even know if these other companies engage in abuse/misuse???*

**<u>City of Buffalo</u> – no Policy, Resolution, or Ordinance found re. keeping our data private & secure (cityofbuffalowy.com; last accessed 12/06/24)**

***Who among us has a signed Agreement with the City with regard to keeping our data private & secure???***

**<u>Johnson County</u> - same (johnsoncowy.gov; last accessed 12/06/24) – NO ordinances found online at all**

**<u>State of Wyoming</u> – I did not conduct a thorough search – there are some statutes, but they're not very satisfactory**

# HOW OUR DIGITAL/ELECTRONIC DATA IS BEING GATHERED & USED

**MANY appliances and other electronics are gathering & providing data re. our habits, needs, and uses, and *even whether we're home or not*...**

- **"Smart" meters, "smart" phones, "smart" appliances, "smart" homes, Ring doorbells, etc.**
- **Desktop & laptop computers, iPads, etc.**
- **Vehicles' electronics**
- **Apple watches**
- **Baby monitors**
- **etc., etc., etc.**

**ALL of these electronics can be HACKED, REPROGRAMMED, DELIBERATELY FRIED (for example, via malware overworking them), etc.**

**The data signals can be intercepted, or blocked**

**The data held in the "cloud" (server farms) can be accessed**

**Metron-Farnier has a lengthy privacy policy – however, THERE IS NO GUARANTEE OF THE PRIVACY & SECURITY OF OUR DATA ONCE IT'S RELEASED FROM THEIR METERS…**

**Your data is sent to the "cloud" via Verizon, using Microsoft Azure, over a 5G tower near you – the City of Buffalo then accesses your data from the "cloud"**

***But, where are the data privacy & security agreements between & among all these companies, and between all these companies & the City, and between all these companies & each of us, and between the City & each of us???***

ADMIN

METRON WaterScope

User@waterscope.us
Wed, Mar 12, 2024 8:04 AM

DASHBOARD
CONSUMPTION HISTORY
USAGE ANALYSIS
WATER BUDGET
CONSUMPTION COMPARISON
WATERING
FLOWRATE ANALYSIS
ENVIRONMENT
NOTIFICATIONS
RESOURCES

# Your Dashboard

Your Account Information | Account Number: | Consumer Name: | Address: Longmont, CO | VN ID: 000000001

## Recent Summary: 03/12/2024

**LCD Read**
0184979.8 G
08/11/2021 12:15 AM

**Billing Read**
184979

**Water Consumption**
1184.31 G
08/10 to 08/11

**So far this Month**
7875.61 G

**Daily Average**
787.56 G

**Water Budget**
Wasteful

**High Usage**
Set on 8/10/2021

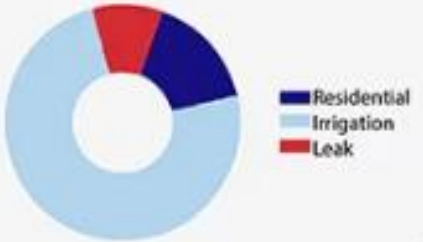
**Watering Event**
Set on 8/10/2021

## Water Budget

342%
Consumption

32%
10 / 31 Days

## Usage Analysis




## Irrigation Analysis

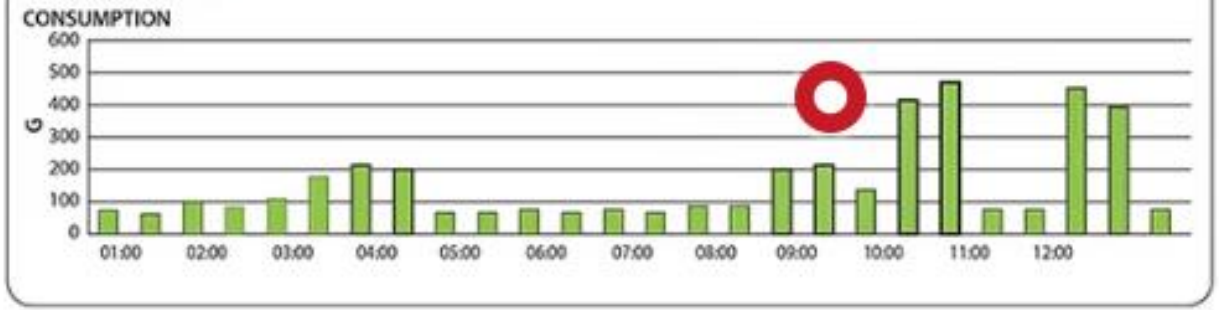
| Consumption | Duration |
|---|---|
| 1117.74 G | 131 Min |

| Cycles | Zones | Drip |
|---|---|---|
| 1 | 7 | 0 G |

## Daily Usage

## Residential Analysis

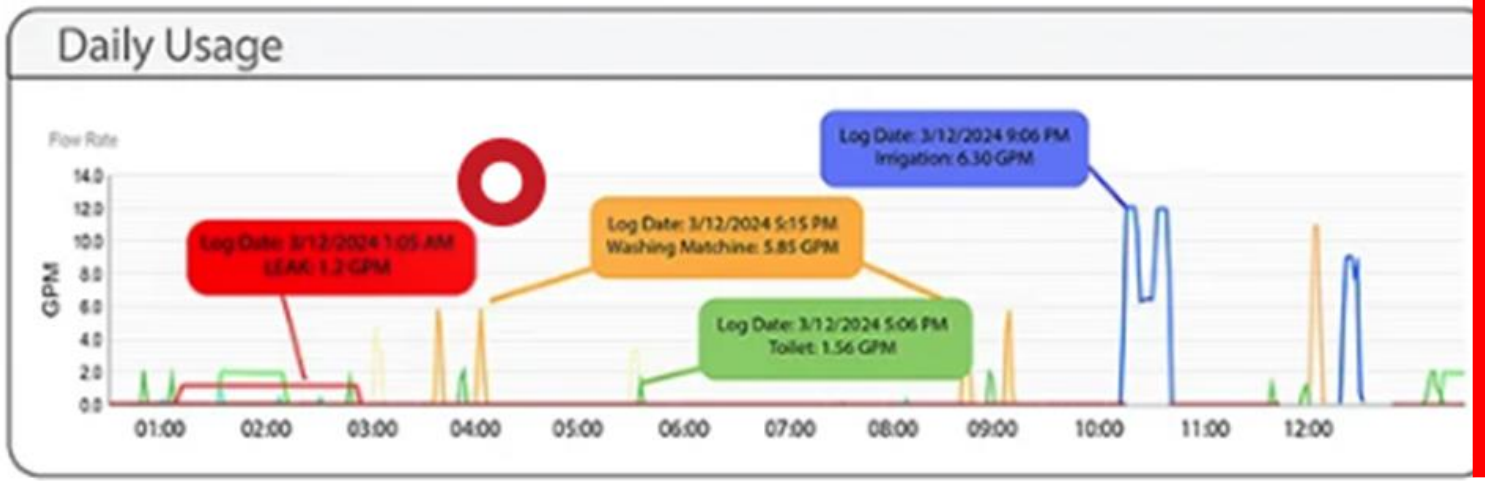
## Daily Usage

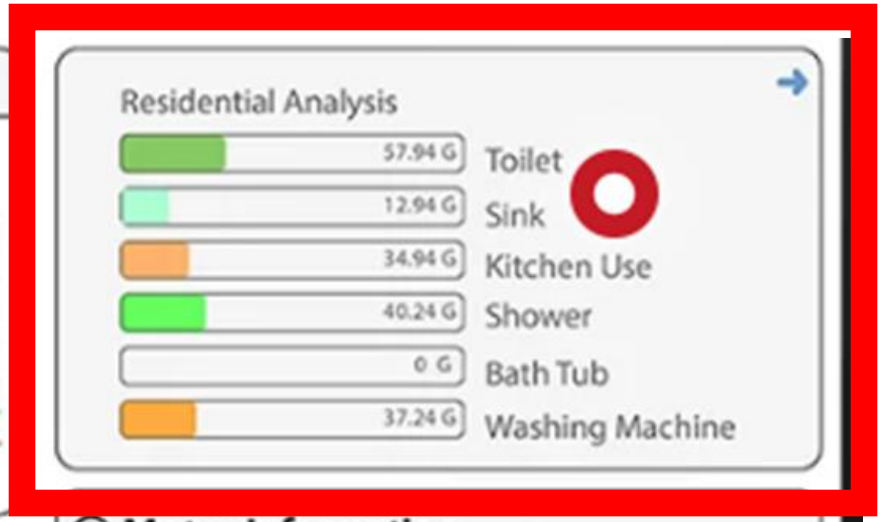


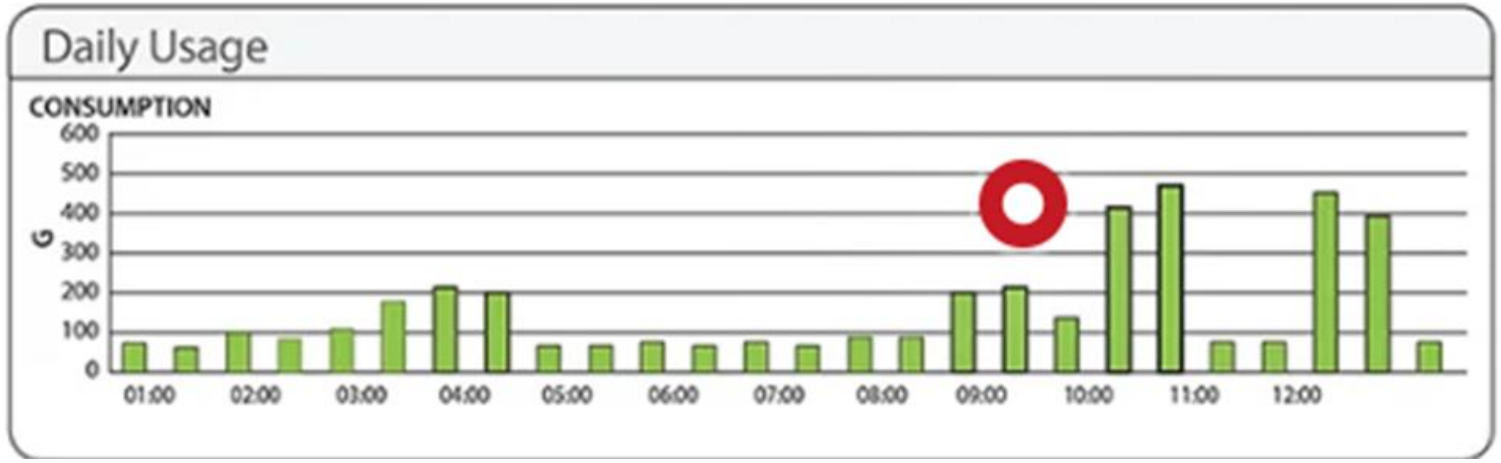

## Meter Information

**Meter Type**

innov8-VN LTE
Metron 5/8 x 3/4"



***How do they know EXACTLY WHERE we're using water in our own homes???***

***WHY do they want to know this???***

***Do we want anyone to know this level of detail???***

***Is 169 gallons in 1 week truly “wasteful”, when typical 4-person households use around 300-400 gallons per day??? (sorry, I couldn’t get it any clearer, but it’s from one of M-F’s videos)***

## FROM THE METRON-FARNIER WEBSITE:

**1) WaterMasters is a subscription service where Metron's water experts will regularly take a look at the water usage data across your account and let you know what needs your attention. Examples are:**

- **Leaks and water losses**
- **Fixture failures, such as toilet flappers**
- **Broken meters**
- **Meters not reading**
- ***Irrigation violations***
- ***Low temperature***

**2) "Water losses are really important because it is water that we [in our case, the City] must pay for but are unable to bill for."**

***So, is the "leak detection" benefit more for us, or the City???***

**3) The M-F meters the City indicated as those being installed in Buffalo residences (S30D) have a "high resistance to freezing", but no lower storage or operating temperature given.**

***What happens if the water meter freezes??? Who pays for any water line/pipe repairs caused by a meter freezing???***

## 4) One-Minute Data

- One minute data leads to more actionable information. ***Metron's technology gathers usage data every 60 seconds***. This best-in-class data granularity enables you and your customers to more fully understand how water is being used and how it might be being wasted. Identifying and fixing leaks and fully understanding just how much water washing your car really uses will lead to reduced consumption. This data also enables utilities to identify irrigation restriction violations and act quickly to conserve water.

***Why only once per minute, when the meter measures constantly while water is flowing through the pipes, and measures down to 0.1 gallon?***

## 5) ESG Data at your Fingertips

- With the growing importance of water sustainability, ***many resource-strapped utilities are now required to report ESG metrics periodically***. With WaterScope, you can easily compile the needed data on water usage to insert into your periodic reports without adding more work to your team.

***EXACTLY HOW DO "CREDIT SCORES" LIKE ESG HELP US, THE LITTLE GUYS???***

# WHAT IS "AI" (ARTIFICIAL "INTELLIGENCE"), AND WHAT IS IT BEING USED FOR???

**The "intelligence" of "AI" is that of its' PROGRAMMERS, and those directing the programmers to program it the way they want it**

**"AI" = COMPUTER PROGRAMS**

- **Example - Algorithms used to boost certain content and downgrade other content from online searches**

**COMPUTERS CAN ONLY DO WHAT THEY'RE TOLD TO DO, AND HOW THEY'RE TOLD TO DO IT**

**Computer programs reflect the biases & limited information & understanding of their programmers & designers – GIGO**

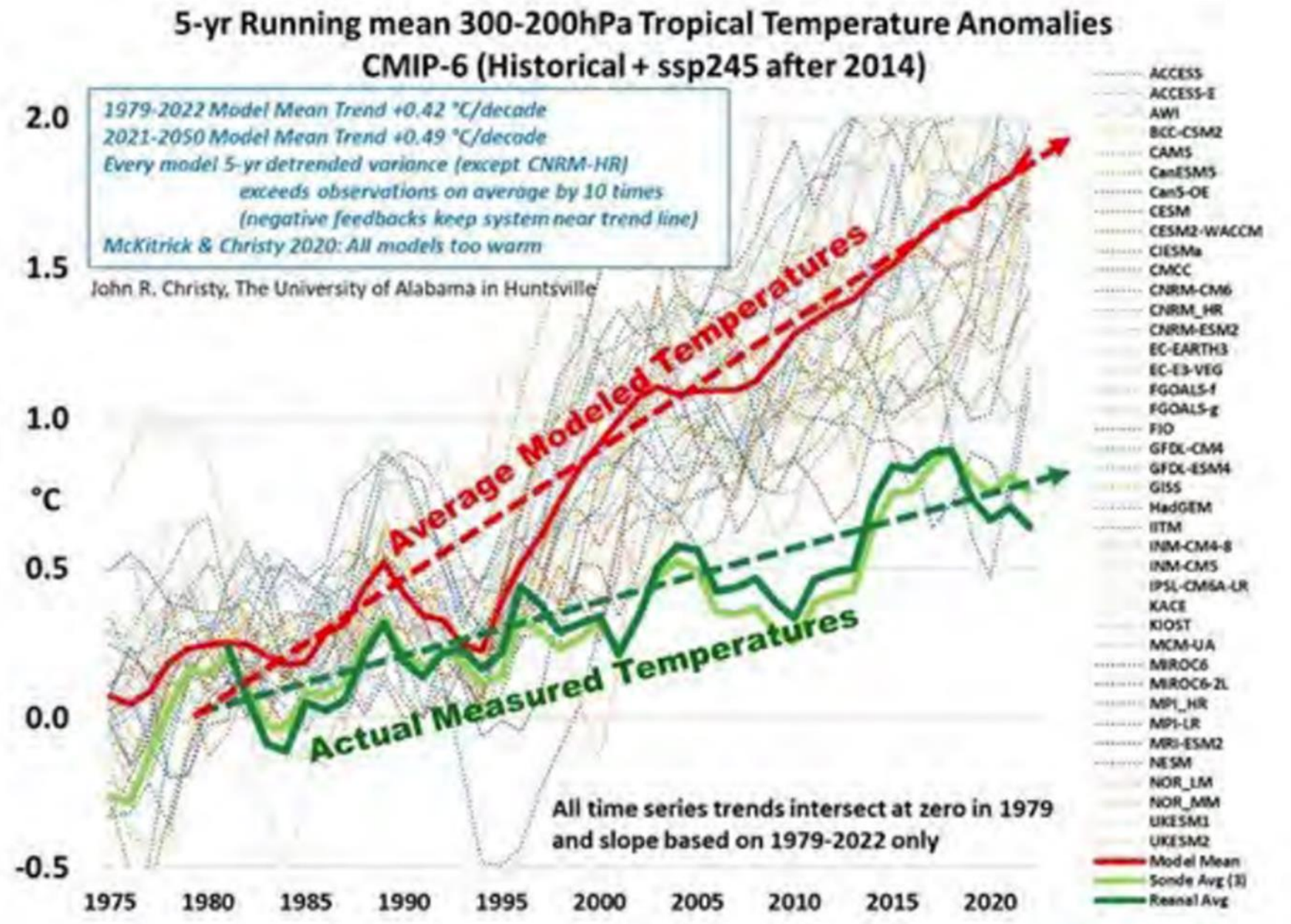
**THE BIAS IS BAKED INTO "AI"**

**As "AI" continues to proliferate, the biases will only grow larger, with quite possibly potentially catastrophic consequences**

- **Example – "AI"s are now writing programs for other "AI"s… *WHAT CAN POSSIBLY GO WRONG WITH THAT?!?***

***THIS SHOWS AN EXAMPLE OF GIGO… GARBAGE IN, GARBAGE OUT – They DID not TRY to adjust their models (computer programs) to ensure the results matched with reality…***

***So, even though they started off not far from reality, they ended up way off, and the more time passed, the more off they got – which is an example of GIGO.***



***Why is it called Artificial "Intelligence", if it has no intelligence???***

**TPTSB (The Powers That Shouldn't Be) – those with power even above that of sovereign nations) want us to believe the computers, robots, drones, etc. are truly thinking (and will achieve sentience someday) & have taken EVERYTHING into account, & thus know best re. what we need & when**

***WHY???***

**SO THAT YOU WILL UNQUESTIONINGLY COMPLY WITH "AI" DECISIONS – 100% COMPLIANCE IS THE GOAL**

**"AI" is being sold to us as:**

- ***"The AI knows best – it took every factor into consideration"***
- ***"It's the only one (or the only way) to take everything into proper consideration"***
- ***"AI is not capable of mistakes or bias"***

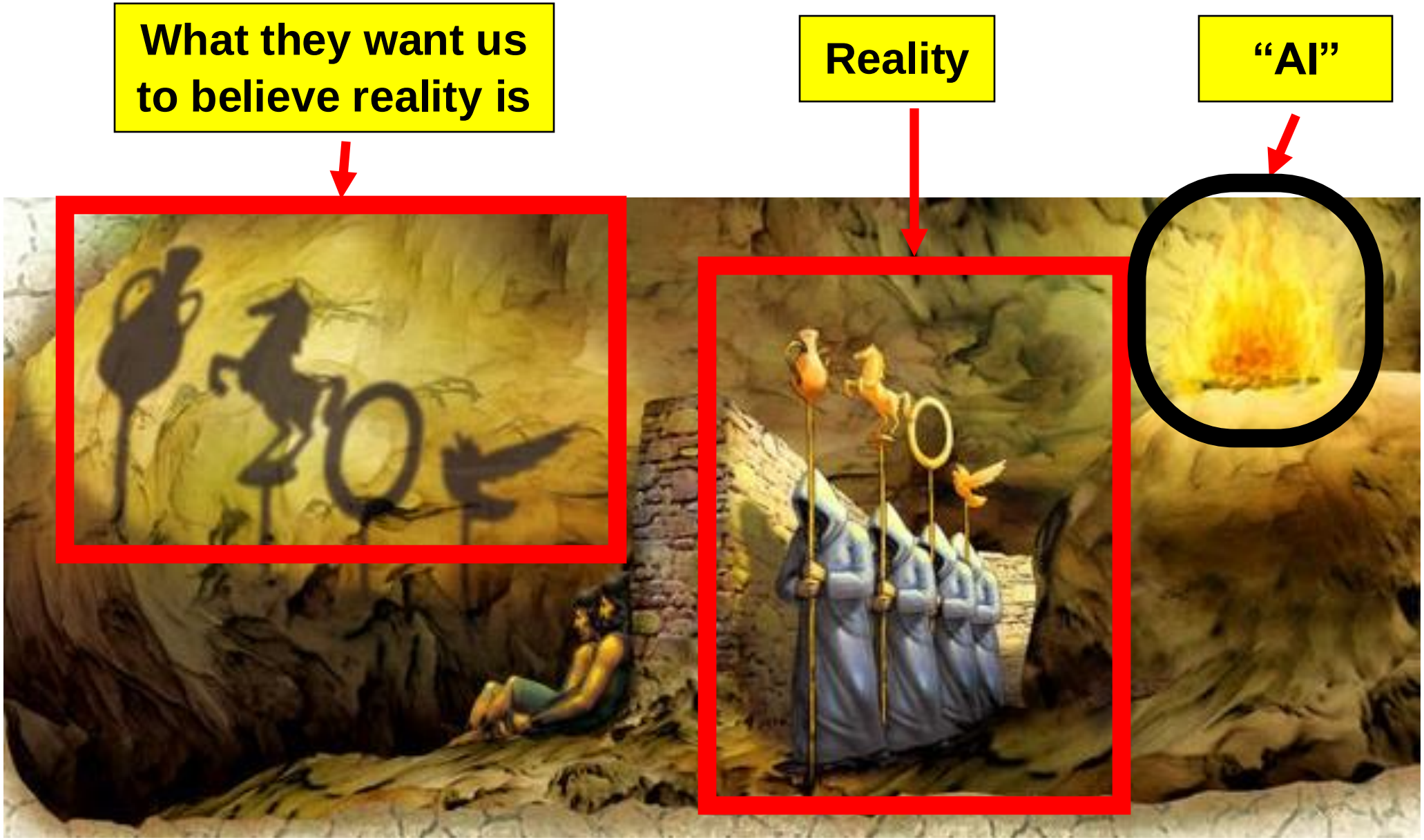
***But, is that really true?!?***

**Plato's cave…**

***Who are the shadow makers (or TPTSB)???***

***Why are they deceiving us???***

***What do they get from it???***


What they want us to believe reality is
Reality
“AI”

**Another example of Plato's cave...**

**THEY OFTEN USE FEAR TO GET US TO COMPLY!!!**

**And another…**

**Ignore the man behind the curtain (or in the shadows)!!!**
**And, ignore your own intuition… or your lyin' eyes…**

**This is why machine learning (learning via computers) is being pushed in schools more & more and why it's so egregious & dangerous**

**We – and especially our children – are deliberately being turned into little more than trained monkeys, always looking to computers to tell us what to do & what to think**

- **Example – When David was still practicing, the new intern doctors immediately pulled out their "smart" phones to "Google" possible diagnoses**
- **Example – A young man who almost can't sign his own name**
- **Example – "Health" insurance companies using "AI" to decide who gets what care, and how much – essentially deciding who lives & who dies**
- **Example – Doctors & other healthcare workers are to be replaced by "AI"**
- **Example – The "trend" toward only teaching teens & young adults how to perform only ONE job for their entire lives ("school-to-work programs"?)**

***IS THIS REALLY "PROGRESS"??? OR, THE ROAD BACK TO IGNORANCE, AND ULTIMATELY, SLAVERY…???***

**Slaves are NOT taught how to read & write, are NOT taught how to think critically, are NOT taught how to do more than what their Masters want them to know how to do…**

**Bonus for TPTSB re. "AI": They, and all others down the chain of authority, can (try) to claim no responsibility for any decisions**

"*The AI decided that…!*"

**And, there are dangers that an "AI" supplier could use, or be used for, industrial piracy and/or sabotage – this function could easily be written right into the program**

**"AI", the "cloud" (server farms), data centers, etc., are being & will continue to be used to:**

- **Collect, scrape, compile, assess ALL our data they can possibly find**

**"AI" is being & will continue to be used to:**

- **Determine our "credit scores"**
- **Determine what we get, when, how much, from which retailer, and even IF we get anything**

# SOME FEATURES OF THE 5G (and 6G) & SATELLITE "SMART GRID"

**24/7/365 SURVEILLANCE & TRACKING – LIVE surveillance & tracking, including use of facial recognition – and use of other biometrics if they can get them, such as iris and retinal scans – our use or purchase of goods & services can be throttled and even STOPPED as it's happening**

- **5G is ABSOLUTELY NECESSARY for what TPTSB, the Shadow Makers, want to bring into existence**
- **Satellites covering every inch of the Earth are, as well**

**"GOVERNANCE" BY "AI" – computers (computer programs) will run everything, we will be forced to comply, and no authorities will take responsibility for any decisions**

**"AI" & DATA CENTERS – will gather & store our data, ALL our data**

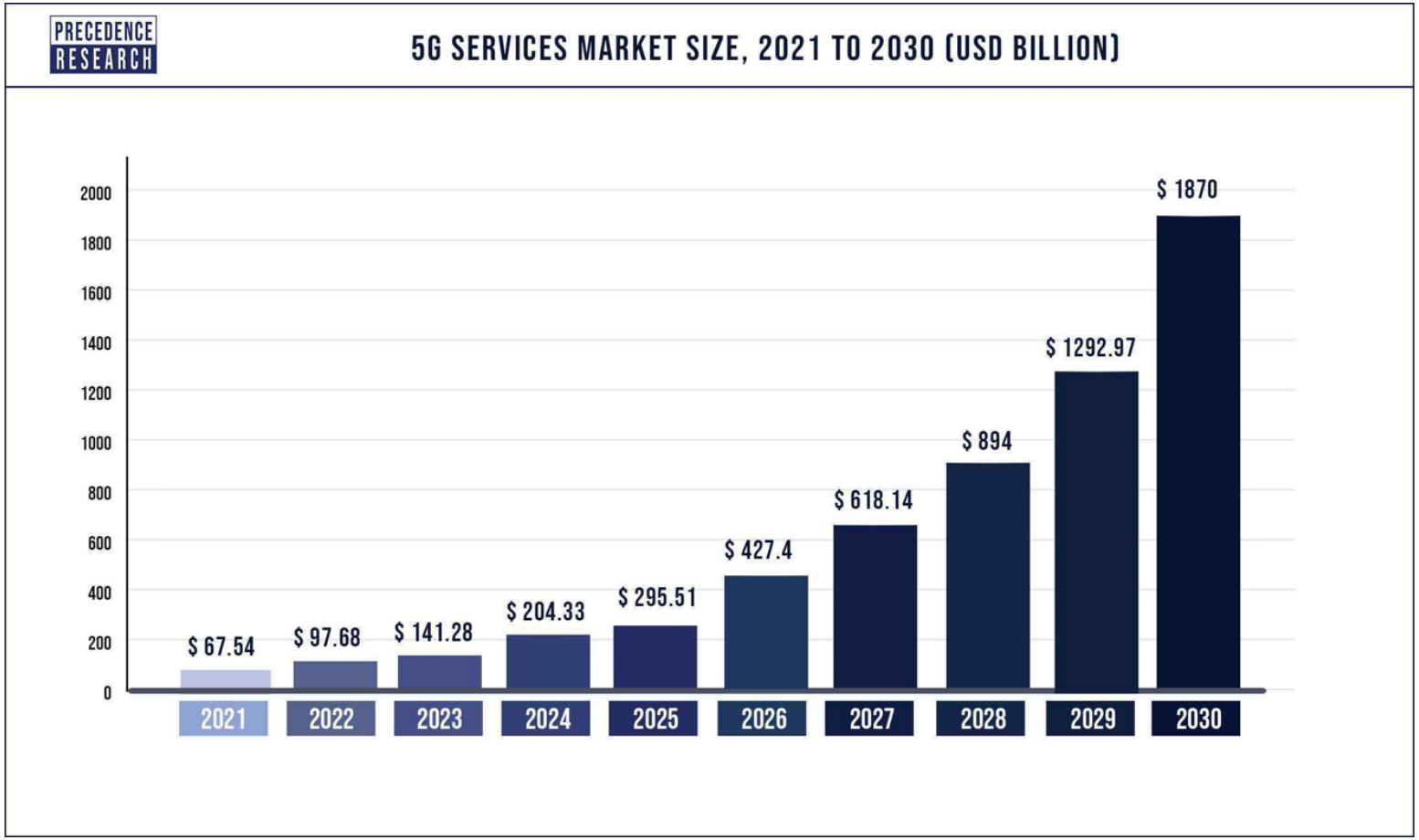
- **THESE GIANT CORPORATIONS WILL BE *TAX EXEMPT* IN WY!!!**
- **THESE COMPANIES (large users) *MAY* BE ALLOWED TO BE FIRST IN LINE TO RECEIVE ENERGY & WATER, while our use will be restricted… Some nuclear power plants are being planned specifically to feed these uses, while our use of energy is being throttled…**

***THESE COMPANIES WILL BE MAKING GOBS OF MONEY OFF* OUR DATA**

***THESE COMPANIES MAY BE GIVEN* FIRST DIBS *ON ENERGY & WATER***

***YET, OUR TAXES KEEP GOING UP, AND OUR USE OF ENERGY & WATER WILL BE RESTRICTED (and monitored through "smart" and other electronics)…***

**The use of 5G is skyrocketing… The global 5G services market size was estimated at $64.5 billion in 2021. It's expected to hit around $1.9 trillion by 2030, and grow about 45% during 2022 to 2030.**



# WHAT ARE THE GOALS OF TPTSB, THE SHADOW MAKERS???

***Why do TPTSB, the Shadow Makers, want all this data on us???***

***What are they planning to do with it???***

***Why are they building a 5G/satellite "Smart Grid" all around us???***

**Our hope is the President Trump tackles these important issues, but he may be thwarted – he may fail**

**We all must do what we can to push back against this**