

Adapted for A NEW GENERATION  
from the Old York Times Worstseller

an

inconvenient

lie

The Hoax (Lie) of CO<sub>2</sub> Causing a  
Global Warming Catastrophe

T. Ruth Galore

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Global Warming Catastrophe**

**T. Ruth Galore**

**Mentor: Craig Hane, Ph.D.**

# **an inconvenient lie**

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# Introduction

## Two Questions for You, Dear Reader:

### Question 1

IF 1) A CO<sub>2</sub> increase in the Earth's Atmosphere Produces More Food

& 2) A CO<sub>2</sub> increase in the Earth's atmosphere will have a very Minor Influence on the Earth's Global Climate and Global Temperature, which is overwhelmed by Many Other Factors and Inputs.

THEN Would YOU recommend that CO<sub>2</sub> be increased?

Just Assume 1) and 2) are True to answer this question.

Hmm! Assume you are a World Leader, and the Effects a CO<sub>2</sub> Increase will have on All the Earth's Sapiens (Human Beings) and other life forms.

### Question 2

IF creating more Energy with Fossil Fuels would reduce or eliminate Poverty for 3 or 4 billion of the Earth's poorest Sapiens, and have only a very minor impact on Climate Temperature Change, THEN would You vote to destroy the Green New Deal, GND, which would reduce the standard of living for the poorest 3 or 4 Billion Sapiens?

IF Your Answers are NO, then I recommend you don't bother reading this book unless you are willing to Change your Mind when presented with Facts you don't know.

If Your Answers are YES, then this book is sure for You!

This book has been written by a modestly intelligent and educated Sapien for modestly intelligent and educated Sapiens who care about the Earth's future.

T. Ruth Galore is the Pen Name of the author who will teach a little basic Chemistry with some basic Practical Math Ruth learned from Triad Math, Inc.,

One of Galore's Mentors is Craig Hane, Ph.D., CEO of Triad Math, Inc. Dr. Hane believes that this book is full of Truth and is willing to discuss it with anyone. Just contact him at: [www.CraigHane.com](http://www.CraigHane.com)

KISS is Galore's guiding principle.

There is another book, WSJ Bestseller, by a true Climate Expert, Dr. Steven E. Koonin, formerly Undersecretary for Science in the U.S. Dept of Energy under President Obama, and former Professor of Physics at Caltech, and Professor at New York University.

*Unsettled?* WHAT CLIMATE SCIENCE TELLS US, WHAT IT DOESN'T, AND WHY IT MATTERS.

Refer to *Unsettled?* for references and facts to back up or contradict the things Ruth tells you in this book.

Compare this book to another famous book by Al Gore.

To begin to understand Dr. Koonin's book you could watch this wonderful Interview:

<https://www.youtube.com/watch?v=I90FpjPGLBE>

## Some Basic Chemistry

# Chapter 1. Some Basic Chemistry

(Skip this Chapter if you know Chemistry)

Just what is CO<sub>2</sub> anyway?

The Earth is made up from many basic chemical elements, Atoms, which then combine into various complex chemical elements called Molecules.

The chemical elements we will be discussing in this book are:

Carbon    C 1 atom    C<sub>n</sub> Molecule    n C atoms total

Oxygen    O 1 atom    O<sub>2</sub> Molecule    2 O atoms total

Hydrogen H 1 atom    H<sub>2</sub> Molecule    2 H atoms total

Nitrogen N 1 atom    N<sub>2</sub> Molecule    2 N atoms total

These chemical elements, atoms, combine to form the various molecules we all live with.

Oxygen    O<sub>2</sub>    O – O    Gas at room temperature

Water    H<sub>2</sub>O    H – O - H    Ice, Water, Water vapor

Carbon Dioxide    CO<sub>2</sub>    O – C – O    Gas

Nitrogen Gas    N<sub>2</sub>    N – N    Gas

Nitrous Oxide    N<sub>2</sub>O    N – O – N    Laughing Gas

Carbon Monoxide CO      C - O      Poison Gas

Methane     $\text{CH}_4$     1 C atom surrounded by 4 H atoms  
Natural Gas - Fossil Fuel - Hydrocarbon

Ethane       $\text{C}_2\text{H}_6$     2 C atoms surrounded by 6 H atoms  
Natural Gas - Fossil Fuel - Hydrocarbon

Propane      $\text{C}_3\text{H}_8$     3 C atoms surrounded by 8 H atoms  
Natural Gas - Fossil Fuel - Hydrocarbon

Larger Molecules like Oil (liquid) and Coal (solid) composed of C and H atoms. Hydrocarbons - Fossil Fuel

Coal is mostly a bunch of C atoms mixed in with other impurities which can make a really noxious smoke when burned.

Hydrocarbons are called Fossil Fuels since they were created from Plants over a long period of time and are buried deep in the Earth.

Wood and Dung both have a lot of C in them to burn, i.e. combine with O.

Of course, you can burn anything with Carbon, C, in it with Oxygen, O. And that includes many of the products we produce and consume today.

Fossil Fuels are the source of much of our Energy (80% today) that runs our Economies and Civilization, especially in the advanced developed countries.

Another big question is the amount of other pollutants burning something produces. Ruth hates it when a neighbor burns leaves and produces a lot of smoke. Energy – Good  
Pollutants – Bad

## Some Basic Chemistry

### Chemical Reactions.

One or more Molecules transform into other Molecules +/- Energy

Ex: Hydrocarbon + O<sub>2</sub> into CO<sub>2</sub> + H<sub>2</sub>O + Energy

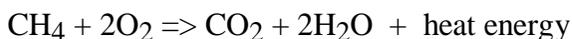
“Fire”. Energy for our Economy.

Energy empowers Machines.

Burn Methane with Oxygen to make Fire, and Energy

Combine One CH<sub>4</sub> molecule with two O<sub>2</sub> molecules and get one CO<sub>2</sub> molecule and two H<sub>2</sub>O molecules.

[1 C atom, 4 H atoms, 4 O atoms]



THUS, you get a lot of “heat” energy. This is Combustion that drives an engine for example

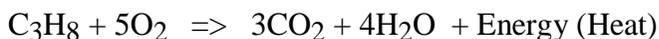
Count up the atoms in both sides of the “Chemical Reaction”.

One C atom and four O atoms and four H atoms.

This is what happens in “fire” or combustion in an ICE car. ICE means Internal Combustion Engine.

Another example

Propane plus Oxygen reaction.



Atoms on both sides? 3 C 8 H 10 O.

Propane Fire yields Heat Plus Carbon Dioxide and Water.

Enjoy your Barbecue cooked on your Propane Grill!

SO, IF creating CO<sub>2</sub> is “Bad”, burning Propane is “Bad”.

This applies to ALL Fossil Fuel Reactions used in our modern Energy Supply for virtually everything we do.

A Private Plane like Al Gore flies on creates a Lot of CO<sub>2</sub>

A poor Sapien also produces some CO<sub>2</sub> by simply breathing, and perhaps burning some wood or dung to cook, and heat and live on.

How much CO<sub>2</sub> do they both produce into the air?

See if you can do the fairly simple Math. Or ask Google.

I'll bet one long Private Plane flight produces Much More CO<sub>2</sub> into the air than a whole lot of poor Sapiens produce in a year. You want to bet?

I recently learned that a poor Sapien (lower Billion economically) consumes about as much Energy in a year as a Refrigerator in the USA.

## **More Chemistry.**

Sapiens breathe O<sub>2</sub> to live.

Reduce the O<sub>2</sub> that we breathe very much and we die!

Thank God for the O<sub>2</sub> you can breathe.

## Some Basic Chemistry

Of course, too much O<sub>2</sub> in the air is bad too.

Why?

Then almost everything will “burn” and we will die.

The Earth's Air is only about 20% Oxygen.

O<sub>2</sub> is very reactive and does combine with lots of other chemicals.

For example, Rust is caused by combining O<sub>2</sub> with some metal.

The Fossil Fuel that produces the least CO<sub>2</sub> is probably Methane per unit of energy. Then Ethane. Then Propane, Then Oil Then Coal

The one that produces the most is probably Coal.

Certainly, Coal produces more noxious gaseous products.

But, Coal is very plentiful and Cheap and easy to transport and store. It has been a huge source of Energy since the beginning of the Industrial Revolution, which has created the modern economies in the Developed World, like the USA and Europe and Asia.

Cleanest Fuel of All?

That is the least CO<sub>2</sub> produced for the Energy.

Hydrogen H<sub>2</sub> is the molecule.

$H_2 + 2O_2 \Rightarrow 2H_2O + \text{Energy}$

Hmm! Just Water, No CO<sub>2</sub>

IF Toyota is successful in creating a competitive Hydrogen Fuel Car, then it can compete with Tesla's Electric Cars.

Indeed, it will then come down to how much CO<sub>2</sub> is produced in the creation and production of the cars.

Tesla Electric Cars

Producing Electricity creates how much CO<sub>2</sub>?

Toyota Hydrogen Cars.

Producing H<sub>2</sub> creates how much CO<sub>2</sub>?

If Dr. Tour's team at Rice University are right, they can produce H<sub>2</sub> as a by-product of producing Graphene Chips. Thus, Free H<sub>2</sub>. And, No CO<sub>2</sub>!

Then it becomes a question of storing and transporting the H<sub>2</sub>.

Potentially H<sub>2</sub> could be less expensive than Gasoline.

Hmm. Interesting World we live in?

New Technologies all the time.

No one knew how to make Graphene Chips inexpensively.  
About \$60,000 per Ton.

Sort of reminds Ruth of Aluminum (see below).

Then a Tour Team figured out a way to use Lasers to do it for less than \$60 per Ton.

## Some Basic Chemistry

Hmm, sort of like Charles R. Hall and aluminum (see below).

Graphene is Carbon atoms combined together in a flat sheet. You can make Graphene with a “Lead Pencil” consisting of Graphite.

So now, Graphene Chips probably will revolutionize many things we build with Concrete and Asphalt, and many other things.

And, it turns out that  $H_2$  is a by-product from this profitable process producing Graphene Chips.

So, better than Free  $H_2$ ! Wow, thanks Dr. James Tour.

Sort of like Gasoline was a polluting by-product of Kerosine production, which was the major Fuel for a long time in the 1800's.

Kerosine from Oil made John D. Rockefeller very rich.

Then Electricity replaced Kerosine. So, what happened?

Rockefeller figured out a way to make the polluting by-product Gasoline valuable, thanks to ICE cars like Henry Ford produced. ICE = Internal Combustion Engine

Wow. Wood, Coal, and Kerosine and Gasoline from Oil and Natural Gases were the Energy producers that built our modern Economies and Civilization.

And, they all produced  $CO_2$  as a By-product.

And, they became less expensive to produce.

This isn't the first time such things have happened.

Aluminium was once very expensive and worth more than Gold in the time of Napoleon.

Then Charles R. Hall discovered how to extract Aluminium from common Bauxite Ore and Aluminum became Very Inexpensive.

Alcoa was then the company created that did this.

Note: Aluminum was a misspelling on the first batch of Aluminium and the name stuck in the USA.

“Aluminium” is the name still used in most other countries. The missing “i”.

God help us if we ever figure out a way to create large sheets of pure Graphene. This would probably revolutionize many things we make today.

Graphene is stronger than Steel, which Carnegie produced to help create our modern Civilization.

But, for this book let's just ask about CO<sub>2</sub> and our future.

After all, isn't Sapien produced CO<sub>2</sub> ruining the Earth by causing Global Warming?

Shouldn't we all be frightened?

“How dare You?” You?

Evil CO<sub>2</sub> Producers. Like Al Gore's Private Plane?

AND You if you live in a modern economy country.

Well, let's find out the Truth!

## The Earth's Atmosphere

# Chapter 2. The Earth's Atmosphere

What is the Earth's Atmosphere composed of today?

Nitrogen, Oxygen, Argon, Water Vapor, Carbon Dioxide, Methane, Nitrous Oxide and a few other things including lots of various pollutants and living things.

About how many molecules of each of these Gases per Million, 1,000,000 Air Molecules?

Nitrogen	$N_2$	780,000	Inactive Gas
Oxygen	$O_2$	210,000	Reactive Gas
Argon	Ar	5,500	Inert Gas
Water Vapor	$H_2O$	4,000	Greenhouse Gas.
Carbon Dioxide	$CO_2$	430	Greenhouse Gas
Methane	$CH_4$	1.7	Greenhouse Gas
Nitrous Oxide	$NO_2$	.4	Greenhouse Gas

These are approximations and averages and vary greatly from place to place and altitude to altitude.

A Greenhouse Gas is a Gas that tends to keep the Earth's Atmosphere Warm by holding in some Infrared Radiation reflecting Heat from the Earth when the Sun's light strikes the Earth's land and water and heats them.

Without the Greenhouse Gases the Earth would be a Snowball. They keep us Warm. Thank God.

Water Vapor is the most powerful Greenhouse Gas by far and is greatly affected by the temperature of the Oceans and many other things. Very complicated.

Clouds, especially the little White Clouds which cover much of the Earth and vary in density over time, reflect Sunlight and, thus, have a huge Cooling Effect (Albedo) on the Earth's Atmosphere.

Other Pollutants in the Air can have a great cooling effect on the Earth such as those produced by a Volcanic Eruption. Or an Asteroid hitting the Earth like the one that destroyed the dinosaurs and many other living things. These Pollutants can reflect Sunlight and cool the Earth.

Of course, there are many other things in the Air. Many living things, and many polluting things. Especially true where a large concentration of Sapiens live, like a city or some industrial plants.

“Weather” consists of many things happening in the Air at a specific place on Earth and varies greatly from place to place and is changing all the time.

Weather is a local phenomenon in terms of both Time and Place, and varies greatly all the time. And, it is difficult to predict more than a few days out.

“Climate” is a measure of various Weather parameters over a long time period such as a decade or several decades.

So, Climate is global in terms of both Time and Place.

We can talk about today's Weather which can change suddenly and all the time in many places on Earth.

But, we should not talk about today's Climate as though it can change quickly like the Weather.

**Climate is something that changes slowly and globally over a long period of time.**

## The Earth's Atmosphere

One Climate Parameter is Temperature.

Does Climate change?

Yes, it always has over long periods of time.

But, very slowly unless there is a sudden Catastrophe like an Asteroid or Volcano Eruption.

Has the Climate changed over the last Century or two?

Yes, a little.

On Average things have gotten just a little warmer over the last 150 years.

Why?

No one knows for sure. Probably several reasons and many things Sapiens have Zero control over.

How about CO<sub>2</sub> increase?

Yes, CO<sub>2</sub> is one of many inputs most of which we can't influence or control, such as astronomical and geothermal. CO<sub>2</sub> is a minor Greenhouse Gas, H<sub>2</sub>O Vapor is the most powerful Greenhouse Gas.

“What's one Input Sapiens cannot control?” you might ask.

Cosmic Ray Flux Density, which some scientists believe influences the Density of White Clouds, is controlled by the Sun and our position in the Galaxy, both of which change over time which we can't control or forecast accurately.

Yes, we Sapiens have a very small Input into the Climate with some of our activities like the production of CO<sub>2</sub> and Methane, CH<sub>4</sub>, via our domestic animal production.

What? Very small Input?

Yes, that's what this book will attempt to explain.

It is what T. Ruth has learned from Dr. Koonin's book and also some other books like *The Chilling Stars* and videos from folks like Dr. William Happer and Freeman Dysen and others.

And, a big question is:

Can Sapiens really predict the future?

We CAN take many Actions.

Do we understand the Consequences?

Historically, we've been pretty bad haven't we?

Just study the history of STEM's predictions.

CO<sub>2</sub> and ... The Good, the Bad, and the Ugly

## **Chapter 3. CO<sub>2</sub> and ... The Good, the Bad, and the Ugly**

### **CO<sub>2</sub> The Good.**

CO<sub>2</sub> is a Plant Food.

Plants absorb CO<sub>2</sub> as Food, and emit Oxygen, O<sub>2</sub>, and Water, H<sub>2</sub>O.

The CO<sub>2</sub> is converted into a variety of other plant tissues thanks to Sunlight, H<sub>2</sub>O, and Photosynthesis.

Ultimately, the Food we eat!

For example, a Tree consists mostly of Molecules with Carbon in them that came from the CO<sub>2</sub> in the Air.

Plants require a minimum of 150 ppm of CO<sub>2</sub> to Survive.  
ppm means Parts Per Million.

CO<sub>2</sub> is currently about 430 ppm in the Earth's Air.

IF CO<sub>2</sub> dropped below 150 ppm all plants would die, and then virtually all creatures we Sapiens know about would die too.

1,000 ppm is considered an optimal level of CO<sub>2</sub> for plant growth. Greenhouses often elevate to this level of CO<sub>2</sub> in a Greenhouse to optimize Plant Growth.

Will 1,000 ppm of CO<sub>2</sub> hurt a Sapien?

No, not at all. Indeed, we breathe out about 40,000 ppm of CO<sub>2</sub>, and in a closed room with lots of Sapiens the CO<sub>2</sub> level in the room's air will rise to 1,000 to 2,000 ppm.

A Sapien can safely breathe 5,000 ppm CO<sub>2</sub> over an 8 hour work day according to OSHA.

So, IF the CO<sub>2</sub> concentration in the Earth's air would rise to say 1,000 ppm that would result in a lot more plant growth, and thus more food for all creatures that eat plants, or meat which results from plants.

Also, with an increase of CO<sub>2</sub> Plants require Less H<sub>2</sub>O too. Ruth learned much of this from Dr. William Happer, as well as the book, *Unsettled?*

### **CO<sub>2</sub> is not an air pollutant for Sapiens.**

Indeed, we could not live for very long without it, and could have more food if it increased.

Carbon Monoxide, CO, is an air pollutant and will kill a Sapien because:  $2\text{CO} + \text{O}_2 = 2\text{CO}_2$

So, in an enclosed space like a car with its engine running and producing CO, the Oxygen is depleted and the Sapien will die of O<sub>2</sub> deprivation. We need at least 195,000 O<sub>2</sub> ppm and we are starting with only about 210,000 ppm.

Ozone is O<sub>3</sub> which is an ion that also can kill you in high enough concentration. Of course, the Ozone layer up above protects us from Ultraviolet light from the Sun. Indeed, Ultraviolet light converts O<sub>2</sub> into Ozone.

If you go up in altitude the atmosphere thins out and there is less Oxygen to breathe in each breath and that too can kill you.

SOOO, CO<sub>2</sub> is vital for all life on Earth, and the really Big Question is: How Much CO<sub>2</sub> would be best for life on Earth, especially Sapiens? T. Ruth believes, 1,000ppm.

## CO<sub>2</sub> and ... The Good, the Bad, and the Ugly

### **CO<sub>2</sub> The Bad.**

CO<sub>2</sub> is a Greenhouse Gas that holds heat in the Earth's atmosphere from the Infrared Light Radiation that cools the Earth. Actually, that's really Good too!

Methane is about 80 times more effective than CO<sub>2</sub> holding in heat. So, it's a more effective Greenhouse Gas. But, go back and look at Methane's concentration. Less than 2 ppm compared to 430 ppm.

According to a MIT Joint Program on the Science and Policy of GLOBAL CHANGE: “Water Vapor accounts for about 97 percent of the Total (natural plus man-emitted) greenhouse warming of the planet”.

So, The “Biggy” is Water Vapor, H<sub>2</sub>O

Of course, some of the Models claim that CO<sub>2</sub> amplifies the effect of Water Vapor, H<sub>2</sub>O, and maybe that's true.

However, The Models do not account for the White Clouds which exert a dramatic significant Cooling Effect (Albedo) by reflecting the Sunlight.

There is a plausible theory that the Concentration of White Clouds is affected, or even determined, by the Cosmic Ray Flux Density. See the book *The Chilling Stars* by Svensmark and Calder.

Yah, Ruth does read other books too. Indeed, this may have caused what is called “The Little Ice Age”. Too many Little White Clouds. Really pretty.

Indeed, this may be the overriding short term (10,000 years) determinant of Global Temperature. Long term there are many other overriding factors.

**So, “The Bad”, may be a Chimera.**

## CO<sub>2</sub> The Ugly

“How Dare You?” says Greta Thunberg, and some Sapiens listen. Some even agree with her.

No, Ruth does not mean Greta is Ugly.

What is Ugly is Greta's Belief that CO<sub>2</sub> is going to destroy the Earth unless we stop it Soon. Immediately!

Greta has been “Brainwashed” like many other Sapiens have by the “Inconvenient Lie”. Many young Sapiens have also been influenced like Greta.

T. Ruth pities Greta, but condemns her Message and Influence on other Sapiens, especially young ones.

How much of the Earth's Energy created and used by Sapiens today comes from the use of Fossil Fuels?

Remember Energy drives All of the Economies of the Developed World, which You live in and Benefit from.

80%

The use of Fossil Fuels creates CO<sub>2</sub> and may be the main reason the level of CO<sub>2</sub> in the atmosphere has risen from 280 ppm to 430 ppm due to the Industrial Revolution and modern technologies.

Yes, this has had an effect on the Earth's air temperature, and an increase in Plants and Sapien's Food.

If this is the only thing that has changed the air temperature, then it has caused it to rise a few degrees F in the last 150 years.

What effect, if the CO<sub>2</sub> concentration would go up to say, 1,000 ppm, would this have on the Global Temperature?

What do You think and why?

## CO<sub>2</sub> and ... The Good, the Bad, and the Ugly

According to a great physicist Dr. William Happer.

Not much, since the Greenhouse Effect of the CO<sub>2</sub> molecules drops logarithmically, whatever that means, as the concentration increases.

IF Dr. Happer is correct, then some more CO<sub>2</sub> in the Air won't have much more effect on the Climate's air temperature.

So, What's the Ugly?

Well, how much Energy we produce is consumed by the upper One Billion Sapiens?

\* My guess at this time is more than 60%

The lowest 2 billion Sapiens economically probably consume about 5% of the Total Energy. Burning wood and dung.

Here's an "Ugly" fact.

Three Billion Sapiens Each use less energy than one USA refrigerator. Imagine your life like that.

Watch the 47-minute mark of the video I told you about earlier.  
<https://www.youtube.com/watch?v=I90FpjPGLBE>

IF we reduce the Fossil Fuel consumption for Energy, THEN the world's economies for the lower 2/3 of Sapiens won't get any better, and probably will get much worse and their material standard of living will decrease.

The richest One Million Sapiens (that's 1 in 7,000) may dramatically benefit materialistically too. Why?

They will get richer with all the Green New Deal, GND, companies supported by the rich countries. Is that Ugly?

The current Green Energy alternatives being promoted by the GND, Solar and Wind Power, will not be able to replace the Fossil Fuels ever, and will ultimately produce more environmental degradation and pollution.

Just how long will a Solar Panel or Windmill last?

What does it take to make them? The total answer to this question is really Ugly.

What will we do with them when they wear out?

Indeed, there is only one current alternative to Fossil Fuel for our Energy, and that is Nuclear Fission Power.

This we could do over the rest of this century IF the world's leaders, especially in the USA, would dedicate our efforts to this.

There is NO other alternative that will not dramatically decrease the material lives of billions of Sapiens.

And, the USA is not pursuing it.

Improve the material lives of the upper Billion Sapiens and hold back the lower 6 billion Sapiens, and most likely reduce their material lives and numbers significantly.

Is that Ugly? How about “democracy”?

Will we let the lower Six Billion Sapiens vote, or just let the upper One Billion decide?

Ask, Al Gore.

## **Chapter 4.**

# **Weather vs. Climate**

Definition: “Weather” is what the Air or Atmosphere does to You wherever you happen to be living.

Weather changes all the time as You well know.

Weather can change dramatically by the hour or by the day or it can be fairly stable for a period of time.

Many factors determine the Weather and even our best measurement instruments and Weather Models can only tell us a few short-term things about the Weather in most parts of the Earth.

Our best models today can predict the Weather for a specific locality for a few days ahead in much of the Earth, but Not for a long way ahead.

IF today is July 4 in Chicago then we can predict the Weather for July 5 pretty accurately, maybe out to July 15, but the predictions get worse and worse each day out.

Weather fluctuates over all time scales, and sometimes very dramatically like when a cold front moves through or we have a storm.

Weather can vary greatly from Year to Year and Decade to Decade.

But, we can determine an Average for a long period of time when we measure the Weather. That’s more difficult than you might think too. But, we do our best.

Definition: "Climate" is an Average of what the Weather does over a few Decades of time and over many geographical locations. Indeed, it is somehow averaged over the entire Earth.

What if the average temperatures are going up over half the Earth and going down over the other half? Is the Earth getting warmer or cooler?

What if you can't even measure the temperature in one third of the Earth?

It is quite difficult to come up with enough accurate measurements of Weather over long periods of time and vast geographical locations to create Climate measurements.

Until the 20<sup>th</sup> Century it was almost impossible.

Now let's look at some simple Math to begin to try to understand the difficulties Climate Scientists are facing.

Here is an interesting Math Fact about Averages.

Consider the Following sequence of numbers. Their Average is 10

3, 7, 13, 10, 18, 6, 11, 7, 5, 20, 14, 10, 7, 9, , , , . . .

Pretend Climate is the Average; And Weather is one number for a year.

What can you conclude about the Climate from the Weather?

The Climate is the Average of 10.

Can any Weather number tell you what the Climate is doing?

What about any four of them?

## Weather vs. Climate

What is the Average for the 6,11,7,5 Ans. 7.25  
Hmm, Climate getting Colder!

What is the Average for the 13, 10, 18, 6 Ans. 12  
Hmm, Climate is getting Warmer!

The tenth one is 20. Wow. High!  
Proves the Climate is getting warmer!

Wrong! Wrong! Wrong!

Now this is a simplified example,

BUT it is essentially what is a major problem with the current Climate measurements, and then the resulting “forecasts” of the future Climate Temperatures.

Of course, we are looking at much longer stretches of data.  
Every Year for say 30 Years and its average.

We also use a Moving Average of say 30 Years. So, the Moving Average moves up and down also, but at a much lower rate than the Yearly data.

This is what Koonin explains in *Unsettled?*.

Actually, the Climate Temperature has not changed very much over the last 150 years since we Sapiens began to put more and more CO<sub>2</sub> into the Air.

Climate Temperature has risen a little, but has had no adverse Effects of the Sapien Civilization overall.

Yes, the Weather can Improve or Hurt specific locations one way or the other. Unpredictable too!

Virtually every Civilization measurement we care about for Sapiens has improved dramatically over the last 150 years.

How would you like to live in the USA as it was 100 years ago compared to today? Just ask some really old Sapien in the Developed World. Or how about 150 years ago?

This is also true for most of the Earth so far as Weather goes.

Yes, the Climate has warmed up a little. The Moving Average has moved up a little. Maybe CO<sub>2</sub> was the main driving force and determinant.

But, not likely.

There are Many other things that determine the Weather and the Temperature and the Climate averages.

What about the density of White Clouds which we now know have a major impact on Weather? See Chapter 12

Huge question for all the Climate Models, and Experts.

We can't measure the density of the Fluffy White Clouds well enough to include them in our Climate Models. BUT, they may be one of largest determinants of the Earth's Temperature over a short period of time, like say 10,000 years since the end of the last little Ice Age.

10,000 years is a short period of time compared to the life of Earth, which is about 5,000,000,000 years. It takes the Earth about 250,000 years to go around the Milky Way Galaxy's center. The Earth has done it about 20 times.

And, as the Earth goes around it goes up and down in the Galaxy's Plane and also is exposed to various Cosmic Ray Flux Densities and many more things.

And, the Sun's intensity varies over time. BIG DEAL!

And, the Earth's orbit around the Sun varies and the Earth's Axis of Rotation wobbles over time too.

## Weather vs. Climate

ALL of these affect the Earth's Climate in a major way we are just beginning to understand.

Over time the Earth has been very warm even at the Poles sometimes, and other times like a big Ice Ball.

Our Civilization has existed over a Very Short Period of Time. Indeed, just since the last Ice Age about 12,000 years ago.

And, as Dr. Koonin points out, as our computers have become more powerful our Climate Models have actually spread out more in their predictions.

Note: There are many Climate Models.

Each Model depends on a wide variety of Parameters we can measure and how we then utilize them in our models.

Indeed, If we change some of the assumptions or parameters in our Models we will get very different predictions.

The simple Truth is that we can not create a Climate Model that is capable of predicting the future of the Climate with any high degree of confidence.

So, average them all together?

Now it can get "political".

What if your Model forecasts the Temperature is going to go down? Will you get funding for your Model?

What do you get from the Models that are funded?

Maybe a degree or two or three F increase over the next 50 years.

Can you just imagine how our technologies are going to improve and some very new ones develop that will influence this?

And, to adapt to any Global Warming?

To lower Air Pollution we have made many wonderful changes.

Natural Gas produces much less Pollution in the Air than Coal. Some Coals are better than others.

I'm not talking about CO<sub>2</sub>. That is Not a Pollutant.

Fracking in the USA has empowered us to produce much more Methane, Natural Gas and need less Coal. This will lower the pollutants from our Electricity Plants.

This will also make Energy much less expensive, which drives down the costs of virtually All material products.

Solar Panels and Windmills will raise the costs of Energy AND create much more Waste in the future than Natural Gas, and probably actually increase the CO<sub>2</sub> emitted.

Just look at what has happened to Germany.

Solar Panels don't work at night or on cloudy days.

Windmills don't work if the wind isn't blowing.

We can't control either of these two things, and in Germany at night and on cloudy days they must produce Electricity from Fossil Fuels. Indeed, they often use Coal which is very polluting compared to Natural Gas.

I'm told the Germans also closed down some Nuclear Plants.

Since the Ukraine War they have lost their supply of cheap Gas from the Russians.

## Weather vs. Climate

I'm told the Germans are emitting more CO<sub>2</sub> than they did before they spent a fortune on the Green New Deal power sources.

And, their industries that depended on inexpensive Natural Gas from Russia are now suffering tremendously.

Of course, that's due to the Ukraine War and not Climate Change.

Germany is a big part of the EU, which is now suffering also.

Amazing how our Leaders can Lead us down a horrible path.

Of course, T. Ruth lives in a part of the USA which is not suffering very much yet.

But, if we continue down the Path dictated by the “Big Lie”, we may also suffer economic decline.

Oops! I meant, “Inconvenient Lie”.

Of course, it really is a BIG LIE.



# Historical Climates

## Chapter 5.

### Historical Climates

How old is the Earth?

About 5,000,000,000, yes Five Billion, Years I am told.

That's 5,000 Million Year Periods.

How long have Sapiens been around?

Some folks tell me about 200,000 years, .2 Million.

Sapien's Modern Civilization? About 10,000 years.

And, we measure Climate Temperature over a few Decades at a time.

Of course, remember Weather varies a lot during a few Decades even if the Climate Temperature stays the same.

OK, in the book *Unsettled?* On page 43 Figure 1.8 is a Graph. You can study it and see if you agree with my interpretation of it.

No, I am not going to reproduce it here. Buy the book.

Here's what I conclude. You?

Climate has varied terrifically over the life of the Earth due to many factors, some of which we think we understand. Many we do not understand.

Obviously, the Sun is the most important since it is Light from the Sun that gives us virtually all of our Energy except for some from radioactive elements inside the Earth.

Earth's Elliptical Orbit around the Sun varies over a long time and the Earth's Rotational Axis also wobbles over a long time. Both of these have a Big Effect on the Climate's Temperature over a long period of time.

And, the Climate's Temperature has varied MUCH More historically than it has over just the last 10,000 years.

OK. What about over the last 200,000 years since modern Sapiens existed?

Well again it has varied a lot and been much Hotter and much Colder at many times compared to Today.

Somehow Sapiens have survived and sometimes thrived.

Clearly Sapiens had Very Little Effect on the Climate's Temperature, until quite recently.

Over the last 200,000 years it was sometimes warmer than today, but mostly it was much colder.

Starting about 150,000 years ago the Earth went into what we call an Ice Age where there is a lot of Ice over the Poles, both North and South.

But, it must have been warm enough near the Equator for Sapiens to survive. After all, we're Here!

From 20,000 years to 10,000 years ago the Earth had a big Ice Age, perhaps worse than ever in recent history.

No Civilization could possibly appear under these conditions. Hunter/Gatherers survived in small Tribes.

Then about 10,000 years ago this most recent Ice Age began to recede and there were places near the Equator where Agriculture could begin and our current Sapien Civilization began.

## Historical Climates

Now, the Climate's Temperature still went up and down slowly and this probably had a big effect on the many previous Empires of Civilizations.

But, Sapiens began to develop Technologies to deal with this. I won't go into that in this book. You probably know more about it than I do.

In fact, recently we had what is called the Little Ice Age where the Climate Temperature went down for a few Centuries and this may have been one cause of what we call the Dark Ages in our Western Civilization.

We began to pull out of this and the Earth's Climate temperature began to go up a few centuries ago.

Since about 150 years ago it seems to have risen a couple of degrees Fahrenheit. Hard to really know since we don't have any way to really measure the entire Earth's Temperature until quite recently with modern technologies.

But, since the mid-19<sup>th</sup> Century we are pretty confident the Climate Temperature, i.e., Global Temperature Average, has increased a few degrees F.

This has indeed empowered many Sapien Tribes to thrive. More Food! Why? More CO<sub>2</sub> for Plants.

Of course, our Technologies have played a Much Larger role in determining which Tribes thrived and which ones didn't thrive.

A book, *Guns, Germs and Steel*, explains this pretty well.

Now, since the mid-19th Century some Sapien Tribes began to create Energy with Fossil Fuels, and release CO<sub>2</sub> into the Air.

This has a Greenhouse warming effect for sure.

Also, we killed a lot of wild animals and then created a lot of domesticated animals. Perhaps a net increase in Methane from their digestion systems. Methane is also a Greenhouse Gas.

However, we also released a lot of other pollutants into the Air which had a cooling effect on the Earth's Climate.

So, it would seem that Sapiens have created some Warming of the Earth's Climate over the last 150 years.

Since we are not yet completely out of the last Ice Age, and some believe we are headed into another Ice Age due to Inputs totally beyond Sapien Control, this might actually be a good thing.

The Truth is that we don't really understand all of the Inputs and their effects. They often react with each other in ways we can't understand or predict.

For example, we know that an increase in CO<sub>2</sub> from 200 ppm to 400 ppm will have a small warming effect.

But, IF it also causes Water Vapor to amplify its effect then we can blame CO<sub>2</sub> for increasing the Temperature.

I have been told that most of the Models do this or otherwise they can't predict a temperature increase from just the CO<sub>2</sub> increase. But, No Matter.

There are most likely other Inputs we don't yet understand like the Cosmic Ray Flux Density which some scientists believe they have evidence has a huge causal effect for the White Clouds which have a huge cooling effect on the Earth.

But, Ignorance is Not Bliss for Most Scientists.

Who will fund them if they say simply, "We don't know enough to make accurate predictions about the future Climate Temperature of the Earth!" ???

## Historical Climates

But, that's our situation. Money Honey!

It's not unlike Economists trying to predict the future Economic Results and trying to control them.

We simply are Ignorant.

It seems most likely we are headed for a new Ice Age. It's been about 12,000 years since the last one.

Who knows? Maybe our CO<sub>2</sub> has delayed it.

It certainly has improved our agriculture.

Indeed, it is easy to argue that most Sapiens would have much better lives if we could increase our CO<sub>2</sub> to 1,000 ppm.

More Food.

Better Food.

Better Quality of Life for the Poorer Three Billion Sapiens who live with very little Energy.

Energy is what creates a better, more comfortable life.

Would You like to have NO Air Conditioning on a hot day?

How about no Central Heat on a cold day?

How about no cars or other modern transportation?

No Food delivered from far away?

What else would you have to give up or not have if we lowered the production of our Energy from Fossil Fuels?

Of course, None of us really know what the future holds for us.

More CO<sub>2</sub> Good or Bad?

Less CO<sub>2</sub> Good or Bad?

So, what should we do?

What should You do?

See Chapter 11

## Chapter 6.

# Sapient's Effect on the Climate

How do Sapiens affect the Global Climate Temperature?

Well, we all know that by using Fossil Fuels for our Energy in our advanced Developed Countries we are increasing the CO<sub>2</sub> content in the Earth's Air, and Oceans which actually contain much more CO<sub>2</sub> than the Air does. But it's the CO<sub>2</sub> in the Air which has a warming effect as a Greenhouse Gas.

But, there are other ways we Sapiens affect the Climate Temperature too.

Have you heard of the Albedo Effect (cooling) or Stephen-Boltzmann Law? The Albedo Effect from Sapient activities actually lowers the Earth's Temperature.

I learned about these from Chapter 2 in *Unsettled?*, the great book by a true Climate Expert, Steven Koonin, former Physics Professor at CalTech, who actually worked with Richard Feynman and Sally Ride and was the Undersecretary for Science in the U.S. Dept of Energy under President Obama. And, much more. An extremely credible Scientist.

Now it turns out that there are Many things, both known and unknown, that determine our Climate Temperature.

Extremely Complex things and we don't know them all.

And, also, We can't measure some of the ones we do know very well.

A good Analogy he gives is this. Most Sapient adults struggle with their weight much of their lives.

Up and down, or just Up.

There are many things that determine your weight. The Food you eat, Your Exercise, and many other things you probably don't even know about.

Now if you add some Food to your Diet and don't change anything else then you should gain some weight.

Here's a question. Suppose you ate an extra half Cucumber, about 20 calories, each day.

Would you gain weight?

Of course, your weight depends on Many things you eat and do.

Could you predict a weight gain or loss from this half Cucumber you eat every day? After all, your weight is determined by Many things beyond even the food you eat.

I doubt it. I know I couldn't. You?

Well, in his Chapter 2, *Humble Human Influences* Dr. Koonin points out just a few of the things that control the Climate Temperature. The Human contribution, including the extra CO<sub>2</sub>, is about like the half Cucumber you add to your food diet.

You'd never believe this from the Media's articles or reports, would you?

This 14-page Chapter 2 alone should put all your fears about the CO<sub>2</sub> increase to rest. Pages 45 – 59. If you read his book, *Unsettled?* this might be the first thing to read.

Then, you just might want to jump to Chapter 11 of this book now.

Antifragile

## Chapter 7. Antifragile

“Absence of Evidence, is Not Evidence of Absence” is one of the insightful observations of Nassim Taleb's great book, *Antifragile*.

We have a horrible Hurricane that destroys a lot of property.

“Global Warming caused by Sapien's CO<sub>2</sub> has caused this Hurricane” you might be told by some Media source you believe.

WRONG! There are no more Hurricane's today than there have been historically. But, they do more damage today because there are more Sapiens in the way.

Ditto for Tornados and WildFires.

Well, actually there may be more WildFires in the USA due to Sapien's interference with the normal small fires and the way we treat the environment in an unnatural way.

Earthquakes? Are they caused by the CO<sub>2</sub> increase?

Is there anything you can prove that is caused by the CO<sub>2</sub> increase other than a slight warming effect?

Indeed, what if the Climate Temperature is actually lowering, could we blame some specific thing.

Truth is, we Sapiens cannot really predict what the Earth's Temperature will be in 50 or 100 years or in the future. Oh, that's not true. We Can predict the future, and we do.

It's just that our Predictions are not reliable forecasts with a Complex System we can only partially understand and measure.

I know. “Frustrating to be so Ignorant and Incapable”.

But, that's our Reality.

What we can do however, is take Actions that have Consequences we really won't like.

OK, what about Taleb's “Absence of Evidence is not Evidence of Absence”?

Just Read Chapter 9, “Don't Confuse me with the Facts!”

Action: What if we suddenly cease to use Fossil Fuels and decrease our Energy for our Economies and Lives dramatically?

Consequences? What do You think?

Who will suffer?

The Upper 10% of Sapiens which include Al Gore and Greta Thunberg, and maybe You too, probably will not suffer very much.

How many Sapiens in the Upper 10% economically? Do the Math.

10% of 7.5 Billion is 750 Million. And they capture about 75% of the world's wealth.

But, what about the lowest 60% of Sapiens?

They will suffer greatly for many reasons. Read on.

Actions have Consequences

## **Chapter 8.**

# **Actions have Consequences**

Every Action a Tribe of Sapiens or a single Sapien takes has Consequences.

Some are Immediate and some are Long Term.

Some are Known and some are Unknown.

Some are Good and some are Bad - depends on your definitions.

And, of course, there are Black Swan Events one cannot predict, or often even prepare for. But, we can create our own troubles can't we?

Intelligence is being able to analyze an Action and determine its Consequences. Sometimes you can and sometimes you can't.

Wisdom is understanding the Consequences of an Action.

Wisdom can be acquired without much Intelligence. Just by observing what is happening from Actions someone is taking or has taken. History helps.

For example, knowing that touching a hot stove will burn you only requires experience, not intelligence. You know that this Action will have this Consequence. Wisdom!

Indeed, I have observed that often a Sapien with High Intelligence is very Low in Wisdom. Wonder why?

There are many situations where one cannot know the Consequence of some Action by intelligent analysis. It takes experience.

Let's see if we can predict with any confidence the Consequences of some Actions.

Action: You put a lot of CO in the Air you are breathing.

Consequence: You will suffocate and die.

You can understand this via scientific reasoning – Intelligence.  $2\text{CO} + \text{O}_2$  into  $2\text{CO}_2$  So you lose the  $\text{O}_2$  you need to live. So some Wisdom. Avoid sitting in an enclosed garage with a running car producing CO.

Or, you can acquire this Wisdom from someone's experience or just because someone one you trust educates you - Wisdom.

I, Ruth, am not very intelligent.

But, I have been fortunate to acquire some Wisdom from my Tribe and Scientists like Dr. Koonin.

Here is an Example of Wisdom from the Bible.

Who was the underdog and was sure to lose the fight, David or Goliath?

Intelligence told most of King Saul's men that Goliath, based on their knowledge and understanding of the Bronze Age Duel, would win. So, none of them would accept the challenge.

Wisdom told David that Goliath was the Underdog and that David Could NOT Lose. Yes, God gave David this Wisdom from David's experiences as a shepherd.

Why? David had a much superior weapon compared to Goliath's old Bronze Age Weapons. What?

The Sling. Equivalent to a modern gun

.

## Actions have Consequences

David would never have to get close enough to Goliath to get hit by him with a sword or lance, but David could Sling deadly rocks at Goliath until he hit him in the forehead unprotected by his armor.

Sort of like a 45 Pistol vs a Sword.

How did David acquire this Wisdom?

Maybe because he killed big wild animals while guarding his flocks as a shepherd. Experience vs Intelligence.

Of course, David practiced a lot and learned to use this Weapon as a shepherd.

OK, what does this have to do with CO<sub>2</sub> and Global Warming?

Let's suppose we follow Greta's advice and try to execute what some call the Green New Deal, GND.

Lower the CO<sub>2</sub> we are producing using Fossil Fuels.

Actions to lower the amount of CO<sub>2</sub> we put into the Air with our industry and transportation and energy production. Reduce Fossil Fuel consumption.

Some Consequences we can be pretty sure will happen.

The costs of virtually everything will rise dramatically.

Virtually all of the material things we produce require Energy.

Raise the cost of Energy and the cost of everything will go up too.

Fossil Fuels provide about 80% of our Energy worldwide.

OK, to reduce the CO<sub>2</sub> we are putting into the air we must reduce the amount of Fossil Fuels we are converting to Energy.

An analysis will easily prove that we cannot replace Fossil Fuel Energy with Solar Panels and Windmills and Batteries. This is simply “Intelligence”. Easy to analyze.

Just calculate the total costs including their production and disposal when they wear out in a few years.

This will result in a significant lowering of the Standard of Living for the poorest 3 or 4 billion Sapiens.

In 2023 and 2024 we are witnessing this because of the Ukraine War. Nothing to do with CO<sub>2</sub>. Look at Germany.

Sapien leaders have a lot of ways to really screw things up. The USA may be the best of all at this. Just look at the last seven decades and all the “wars” the USA has engaged in. And, their results.

Well, Yes. Some folks did make a lot of money. What Ike called the Military Industrial Complex. Huge and includes the government.

But, what about the USA's Infrastructure?

What if we had spent the money we spent on the mid-east Wars on Infrastructure? You tell me!

Germany has demonstrated the impossibility of implementing the Green New Deal. And, it is now on Steroids because of the Ukraine War.

The Ukraine War may be something that gives us the Wisdom to realize what the Consequences will be by reducing our Fossil Fuel usage.

## Actions have Consequences

If we increase the CO<sub>2</sub> to 800 ppm Food Production will go up and the poorest 3 or 4 billion Sapiens will benefit in many ways.

What would having Electricity for Heat and Cooking do for these folks, and their Environment? Of course, this will take more Energy.

If you don't know, perhaps you should visit some family in the poorest One or Two billion Sapiens. No Electricity!

Greta, here is a question. Will you live the rest of your life with some family in the poorest one billion Sapiens?

If not, then shut up. Ditto to: Al Gore and John Kerry and any GNDer, i.e. Green New Deal promoter.

Of course, if we do adopt the Green New Deal the Upper One Million Sapiens will benefit greatly, as they are now.

Just look how Al Gore and his family have benefited.

All of the USA's political leaders will benefit too.

After all, they are in the Upper One Million. Or at least the Upper Ten Million.

Hmm.  $7,500,000,000/10,000,000 = 750$  So it's 1 in 750 who will probably benefit. Then again, maybe not.

What will the other 749 folks do?

Virtually everyone else will see their material Standard of Living decrease. Some dramatically, and die.

That often then leads to a decrease in their mental Standard of Living.

Mental Stress and Worry leads to Physical Health problems too.

Riots or Revolutions?

So, to Maybe, but Unlikely, reduce the Global Climate Temperature 50 years from now, let's all Suffer.

Well, not all!

But, probably You dear reader, along with Ruth and family.

Don't Confuse Me with the Facts!

## **Chapter 9.**

# **Don't Confuse Me with the Facts!**

Suppose You Believe in The Green New Deal (GND).

You believe that an increase of CO<sub>2</sub> is going to lead to a great Catastrophe that will happen Unless we drastically cut back on our Fossil Fuel consumption.

You are told that We have to do something drastic in the next twelve years or the Earth is doomed and Our descendants will suffer greatly.

Then, you are told that when some bad Weather event happens it is caused by Global Warming, which has been caused by Sapiens and Fossil Fuels, and you believe it and it confirms your Belief in the GND.

Question for You:

What IF there are Facts that Contradict all of this?

Would you abandon your Belief in the GND, OR Deny the Facts?

A humorous old saying to someone who contradicts a Belief you have is: "Don't confuse me with the Facts"

In his great book, *Unsettled?* Dr. Steven E. Koonin presents us with a Plethora of Facts.

These are Facts obtained from the IPCC and other scientific sources that are undeniable by any honest scientist. Just study his Sources.

Here's a quick summary of his Chapters in *Unsettled?*

## Chapter 2 Humble Human Influences.

The Graph in Fig 2.3 pretty much explains it all.

Yes, CO<sub>2</sub> is a Greenhouse Gas and contributes to the warming of the Earth along with many other Greenhouse Gases like Water Vapor and Methane. CO<sub>2</sub> in the AIR has gone from 280 ppm to 430 ppm since the Industrial Revolution started about 150 years ago.

Fact: However, if CO<sub>2</sub> goes to 800 ppm it will cause very little increase in Global Temperature. This is explained very well by the great CO<sub>2</sub> physicist Dr. William Happer.

The Earth is about 5 billion years old. Over many of the last 500 million years the CO<sub>2</sub> has been much higher than today. Over just the last ten thousand years since the last Ice Age it was about only 280 ppm and so Plants have been sort of “starved” for food.

Since the Industrial Revolution about 150 years ago CO<sub>2</sub> in the Air has increased to about 430 ppm and Much More food has been grown which has been a great benefit to all Sapiens and our population has gone up 5X and yet our food per person has increased too.

Obviously, a rise in CO<sub>2</sub> has caused a significant increase in Plant life and will cause an additional increase if it goes higher. 1,000 ppm, is sort of an ideal for Plants and food.

This has obvious benefits to the Food Supply for Sapiens, especially the lowest wealth and income four or five billion Sapiens.

Fig 2.3 alone pretty much destroys the Belief in the GND.

If you want to study it, go read his book. *Unsettled* ? .

## Don't Confuse Me with the Facts!

I found it quite challenging to read and understand but I did and am reporting it to you in a KISS form in this Chapter. Here is a synopsis of his Chapters.

### Chapter 3 Emissions Explained and Extrapolated

Carbon, C, is prevalent in the Earth's Land, Ocean, and Air. And C moves around in many ways over Geological time. Only a very small percentage of C is in CO<sub>2</sub>, and only a little of that CO<sub>2</sub> is in the Air.

Facts (p66-8): “By Geological Standards, today's Earth is starved for Atmospheric CO<sub>2</sub>.”

1,000 ppm of CO<sub>2</sub> is common in a classroom or a Greenhouse. Great for Plants and does not hurt a Sapien student, or teacher.

Some quotes from Dr. Koonin's book.

“The simple fact that CO<sub>2</sub> lasts a long time in the atmosphere is a fundamental impediment to reducing human influences on the climate.”

“Just to stabilize the CO<sub>2</sub> concentration, and hence its warming influence, *global CO<sub>2</sub> emissions would have to Vanish!*”

WOW! This last fact Alone should be enough to debunk any belief in the GND.

And, there are many more Facts in just this 14-page Chapter.

All based on Science studies he quotes.

## Chapter 4 MANY MUDDLED MODELS

As the great physicist, Freeman Dysen, once pointed out, creating a Model of a very Complex System like the Climate that can make long range Predictions is virtually Impossible. Any Mathematician knows this since the advent of Chaos Theory.

Dr. Koonin concludes this wonderful insightful Chapter, which is an incredible read where I learned many new things, with this statement,

*The uncertainties in modeling both climate change and the consequences of future greenhouse gas emissions make it impossible today to provide reliable, quantitative statements about relative risks and consequences and benefits of rising greenhouse gases to the Earth system as a whole, let alone to specific regions of the planet.*

## Chapter 5 HYPING THE HEAT

There are many Extreme WEATHER EVENTS, such as Floods, Draughts, Hurricanes, Tornados, Snow Storms, Typhoons, ETC, happening all around the Earth each year.

That has always been the situation on Earth for the last 10,000 years of Sapien Civilization.

Has it gotten any Worse in the last Century?

NO! Dr. Koonin explains this in great Detail with Data from sources such as the IPCC's AR5 WGI Report in this 13-page Chapter 5. Believe the Science, NOT the Media!

Yet, the Media and GND Advocates often attribute an Extreme Weather Event to Sapien CO<sub>2</sub> Climate Change (Warming). When they do it's an "Inconvenient Lie", or much worse.

Don't Confuse Me with the Facts!

Many young Sapiens like Greta are horrified by this Inconvenient Lie, and demand the immediate cessation of using Fossil Fuels for our Energy.

I doubt they understand the horrible effects this will have on the majority of Sapiens alive today.

What do You think would happen?

The immediate cessation of the use of Fossil Fuels will have a MUCH WORSE EFFECT on Billions of Sapiens than the effects of some additional Global Temperature Increase, if it should happen.

Furthermore, if it does Increase it will not be because of CO<sub>2</sub> increase, but some things out of our control like the decrease in little White Clouds Density.,

or the Sun's output, or many other things beyond our control, and, perhaps, understanding.

## Chapter 6 Tempest Terrors

Another Heat Hype from the Media and GND Believers.

“Storms are becoming more common and more intense, and rising greenhouse gas emissions are going to make it all a lot worse”

WRONG! Dr. Koonin, in this 15 page Chapter, demonstrates that the data and research literature are starkly at odds with this message.

Study the actual Science.

Not the Media Hype or distortions given to them by some scientists.

## Chapter 7 Precipitation Terrors – From Floods to Fires

If there is a Flood or Drought or Fire in an area with no Sapiens, do we care? Or, even know about it?

As the Sapien population has grown dramatically Floods, Droughts, and Fire have had a horrific Effect on Sapiens for obvious reasons.

But, are there more Floods, Droughts, and Fires around the Earth today, than historically, caused by Global Warming?

According to the best Data we have, and it is very difficult to collect such data from the past, the answer is NO.

Here is a quote at the end of this Chapter from Dr. Koonin,

“Floods, droughts, and fires bring great tragedy and sorrow, and their consequences can be devastating. As the world gets more and more connected through communications, we become more and more aware of these events when they happen. But that does not make them “further proof” of climate change. In the end, the data tells us there's not very much changing very quickly with precipitation, either globally or in the US. And the uncertain models suggest that humanity's long frustration with precipitation's unpredictability isn't going anywhere anytime soon.”

## Chapter 8 Sea Level Scares

The Sea Level over the Earth has been about 400 ft below the current Sea Level five different times in the last 400,000 years during the Ice Ages that come and go about every 100,000 years.

Nothing to do with Sapiens. Just how the Climate changes due to many factors, mostly astronomical.

## Don't Confuse Me with the Facts!

About 20,000 years ago the Earth emerged from the most recent Ice Age and the Sea Level rose up 400 ft to its current level.

Study the Graph on page 150 of *Unsettled?*. Just Facts.

Now today as the Earth is probably heading into the next Ice Age in the next thousand years or so, the Sea Level is where it has been pretty much for the last 10,000 years since the Sapien's Civilization began.

This Sea Level has risen slowly the last 7,000 years.

For the last century the Sea Level, as best we can measure it, which isn't very good, has risen an average of about .07 in. per year. In the 1930's it rose about .12 in. per year and 1960's .01 in per year and in the recent three decades about .12 in. per year again.

Hmm. .12 in. per year is about 1.2 inches per decade or 12 inches per century. So, maybe 8 inches by 2100.

Dr. Koonin's Figure 8.5 (p. 156) is worth a look.

Now, how much the Sea Level rises for a specific city or place also depends on other factors such as how much the land is sinking and other oceanic factors.

Miami might be sinking because of what it has been built on which would cause the Sea Level there to seem to be rising higher than it is globally.

In New York, where the Sea Level has been measured at The Battery it has risen an average of .12 in. per year since 1920 and has, of course, fluctuated up and down. See Figure 8.8 (p, 164).

What about little islands in the Ocean? Well, are they rising or lowering for other reasons due to plate tectonics or Ocean currents or Sea Level rise?

Who knows? But, this is a very small part of Sapien Civilization.

So, the Media Hype about Sea Level rise harming Sapien Civilization is all Nonsense and Hyperbole.

Sapiens have many worse problems to worry about. And, even if it is a problem, it is not caused by CO<sub>2</sub> and Fossil Fuels Energy.

### Chapter 9 Apocalypses That Ain't

“Sapien CO<sub>2</sub> production from Fossil Fuels will cause several horrible things IF we don't STOP IT IMMEDIATELY!”, says the Media and Politicians and GNDers inspired by folks like Greta Thunberg.

Here are Three Examples that are thoroughly debunked in Chapter 9 of *Unsettled?*. Just read Dr. Koonin's analysis of the Facts.

1. Climate related Deaths increase.  
Wow, what an Untrue Hype.
2. Future Agriculture Disaster  
Even more Nonsensical and a Lie.
3. Enormous Economic Costs  
Worst of all False Predictions?

## Don't Confuse Me with the Facts!

Chapters 1 - 9 in Dr. Koonin's Book *Unsettled* ? Tell the truth about our situation from a Scientific View.

Yes, the GNDers have made the situation very difficult and complex to understand.

The Media have amplified the problem.

But, Honest Scientists have collected many facts and have explained them as best as possible, and Dr. Koonin has presented his information with complete backup to the scientific literature and reports.

This book is just attempting to explain it in simpler lay-persons terms.

Just check out anything you don't understand or question in Dr. Koonin's book, and then in the actual Scientific reports.



## **Chapter 10.**

# **Immorality of the Lie**

Dr. Koonin's comment at about the 51-minute mark of his Interview at: <https://www.youtube.com/watch?v=190FpjPGLBE>

1. The treatment of the developing world, i.e., the poorest Three Billion Sapiens each of whom consume less energy per year than a typical USA refrigerator.

Let them decide what they want for their future?

More Energy?

From where?

Fossil Fuels?

Which is better for them?

No more Energy, OR possible Global Warming?

T. Ruth believes that if John Kerry and Al Gore and Greta Thunberg want to live on the same amount of Energy as one USA Refrigerator consumes, then let them preach to the rest of us, "How dare you?"

2. Perhaps even worse are the attitudes and beliefs we are imparting to our young educated Sapiens in the Developed Countries.

It is appalling to contemplate your future IF you believe the Earth is going to be uninhabitable and everyone is doomed by a hotter world.

Depressing?

Note: In this video Dr. Koonin addresses the fact that in 2023 we had a lot of very hot records in many places around the world, especially the ones we care about.

Weather is local in time and does fluctuate around the Average.

Climate is the Average over several decades.

There are various known reasons for this fluctuation around the Average, and it has been going on for all of history.

California has had droughts for several years and this year (2023) had record rains. At least records for the last few decades.

CA had worse rains back in the 1860's which empowered the white settlers to drive out the Mexicans when the Central Valley was flooded and agricultural lands destroyed.

One Solution to this situation is Education.

Learn the true facts from Dr. Koonin and the IPCC actual reports. Learn about the True Science.

Unfortunately, the Media and the GNDers overwhelm all of us with Hype and Hysteria and the Inconvenient Lie.

Human caused Global Warming may be happening, but it is not going to cause a Catastrophe.

What could cause a Catastrophe will be the Wrong Solutions to this Pseudo-Problem.

If we do not develop Nuclear Power and yet reduce Fossil Fuel Production, then there will be a great escalation in the cost of Energy.

## Immorality of the Lie

Just ask Germany today, which has suffered this thanks to the Ukraine War and Germany's loss of low-cost Gas from Russia as the Energy that drives its modern economy.

Loss of low cost Energy will result in what?

Wars and Famine and Political Instabilities?

What do You think?

Here's what T. Ruth thinks!

Of course, it will not hurt the Rich and Famous too much.

Indeed, many of the Upper 10% will Profit from this.

But, it will first hurt the bottom economic half of Sapiens.

And then about 80% of the upper economic half of Sapiens.

Ultimately, I would think it would even hurt the Al Gore's of the world. Greta is a victim, maybe. Al Gore is one of the Creators of the Problem.

T. Ruth is a rich Sapien who does not want to be identified. She will not personally suffer materially.

But, T. Ruth loves many of the Sapiens who will suffer IF this Lie is not Exposed and corrected.

Your situation?

The Effects the GND will have on you IF implemented?

Thus, this book.

BTW, Galore is a Pen Name.

Do you see where it was derived from?

No?

Just ask Al Gore!

T. Ruth has learned enough Math from Triad Math and Craig Hane, Ph.D. aka Dr. Del. to sort of understand the wonderful book *Unsettled ?* .

Galore asked Dr. Hane to publish this book for her since she wants no publicity or money from it.

Dr. Hane believes that this book is full of Truth, so he published it for her on Amazon.

If you find some factual errors in the book, please call them to Dr. Hane's attention and they can be corrected in any future editions.

But, no contrary Opinions or Beliefs, Just the Facts.

## **Chapter 11.**

# **Message to Young USA Sapiens**

Ignore the USA Media, both Left and Right, when it comes to CO<sub>2</sub> and the Green New Deal, GND.

They are not telling you the truth, whatever their motives.

There are Sapiens and their Organizations who are benefiting from all the Green New Deal Proposals. Don't hitch your future to one of them, as they are destined to fail for reasons you should understand from this book.

Maybe some of them actually believe what they are claiming about CO<sub>2</sub> and Global Warming.

It is easy to become brainwashed. I think poor Greta is a good example, poor girl. If not, then shame on her.

The Earth may get warmer in the next 50 years or it may get colder.

No One Knows! That's a Fact Jack!

Ignorance may not be Bliss, but it is a Fact of Life.

Fossil Fuels have become much less expensive and actually produce less CO<sub>2</sub> per Energy Unit than they used to.

Just compare Methane to Coal.

We can help dramatically improve the lives of the poorest 3 or 4 Billion Sapiens if we increase our use of Fossil Fuels give them more Energy.

We could convert to Nuclear Energy. It is much safer in many regards and much more secure. And, ultimately much less expensive.

Only a very ignorant Sapien believes otherwise.

Solar Panels and Windmills are an environmental disaster. Just look at how much CO<sub>2</sub> is used to build them.

Look at where the raw materials to create them come from.

Look at their disposal problems after a few decades. We haven't really had to deal with this yet.

Electric cars are great for many reasons. But, ICE cars will not go away soon. Just ask Toyota.

And, No the Oceans are not rising too fast to destroy where we live.

Some beach places are going to sink lower and be flooded, but not because of the Oceans rising. Oceans have been and are rising very slowly. Some land is sinking.

If we increase CO<sub>2</sub> in the Air food will become much more available and less expensive and improve the lives of billions of Sapiens.

Do you want to improve the lives of your Family of Tribes?

Do you want to improve the lives of all Sapiens?

Will your generation be able to Stop the Wars?

What if all the Money spent on Wars was spent on Infrastructure and creating food and products for everyone?

## Message to Young USA Sapiens

If we can continue to improve the lives of Sapiens in the future as much as we have done in the past, then can we evolve into a peaceful Civilization?

That is Your Generation's Challenge.

The Current Generation has failed pretty much at this in many parts of the Earth.

I believe our Worst Failure is the continuation of Wars.

What should you do with Your Life?

Just contemplate many of the wonderful things Sapiens might be able to do IF we don't destroy ourselves.

Trying to implement the Green New Deal and quickly lower the CO<sub>2</sub> in the Earth's Air and Oceans may well lead to our Destruction.

If Sapiens' lives get bad enough, who knows what will happen?

Lowering CO<sub>2</sub> without a transfer to Nuclear Power will make a lot of Sapiens' lives much worse than they are today.

Heck, Al Gore may have to stop flying in a Private Plane.

Your JOB is to acquire Wisdom to take Actions that have Consequences you desire.

Look at the invitation on p. 85.



## Chapter 12.

# Another Inconvenient Testimonial

Inconvenient for the Green New Dealers that is.

John Clauser won the 2022 Nobel Prize in physics for his contributions to quantum mechanics.

In a marvelous Interview Dr. Clauser explains How and Why the Albedo Effect (cooling) of the White Clouds is Much Larger than the Greenhouse Effect (warming) of CO<sub>2</sub> and Methane, AND this is NOT included in the current Climate Models.

This Results in the Climate Models being essentially useless in predicting the Earth's Temperature. I referred to this by citing the book *The Chilling Stars*.

But, now a brilliant physicist also explains it. He does not explain just what causes the White Clouds, BUT that they vary dramatically in concentration from 5% to 95%, and THIS has a HUGE effect on the Temperature of the Earth.

We cannot predict the future density of the White Clouds, and thus, cannot predict the future temperature of the Earth.

However, Sapiens cannot have a significant effect on it, one way or the other.

Of course, he points out the obvious fact that an increase of CO<sub>2</sub> would significantly improve the Earth's Food production, as discussed in previous Chapters. That's obvious.

Here is a link to this wonderful Interview.

Nobel Laureate John Clauser: There Is No Climate Emergency;  
Climate Models Miss One Key Variable:

<https://www.theepochtimes.com/epochtv/nobel-laureate-john-clauser-there-is-no-climate-emergency-climate-models-miss-one-key-variable-5486017>

Dr. Clauser goes ahead to validate Dr. Koonin's book, *Unsettled?* and Dr. Happer's contribution and to condemn today's media and political leaders for leading us down a horrible path.

The reduction of using Fossil Fuels for Energy will have devastating effects for most Sapiens until we can find a Valid Substitute. The GND isn't the answer.

So, IF you don't care to believe an unknown Sapien like T. Ruth Galore, MAYBE you can believe a brilliant Nobel Prize winner.

## **Chapter 13.**

# **Who Broke “The Science” and Why**

This is a Synopsis of Chapter 10 from Dr. Koonin's great book *Unsettled?*

“Why has The Science gained such prominence over science?” asks Dr. Koonin on page 185.

His Answer as I understand it is:

A self-reinforcing alignment of perspectives and interests of the multiplicity of stakeholders in climate matters, The Science, including scientists, scientific institutions, activists and NGOs, the media, and politicians.

I might add, “Follow the Money”.

Dr. Koonin then analyzes each of them, and here is my Synopsis.

### The Media

Money Honey!

Any Media must create an audience that follows it by telling stories that resonate with and offer Confirmation Bias to its audience.

Also, “news” that entertains or gives dopamine bounces to its audience. “If it bleeds, it leads.”

The Media must get inputs from various sources to create its stories. Thus, from other stakeholders like scientists and NGO's, etc.

What would be the results of a story that said CO<sub>2</sub> is not a problem and there is no climate emergency - - All is well.? Indeed, more CO<sub>2</sub> will help feed more people and improve Sapien Civilization?

Ho Hum!

Let's find a story that stimulates or entertains us.

What scientist or politician with this kind of story will the Media want to interview or quote?

Actually, there are now various Outlaw Media Sources on the Internet which do tell the Truth. But, they are often (always?) derided by the Money Media.

Also, derided by all the Climate Change Disaster folks who earn their living off of this Story.

Politicians

Power!

Dr. Koonin observes that:

H.L Mencken's 1918 book *In Defense of Women* noted:

“The whole aim of practical politics is to keep the populace alarmed (and hence clamorous to be led to safety) by menacing it with an endless series of hobgoblins, most of them imaginary”

Vote for a Savior of a Cause You believe in.

If you believe in the Green New Deal, GND, then vote for the politician who also promotes the GND's Beliefs and Agenda.

## Who Broke “The Science” and Why

“Fossil Fuels are Evil and will destroy the Earth's Climate.

STOP them NOW!

Electric Vehicles, Windmills, and Solar Panels are our Salvation. No more CO<sub>2</sub> emissions.”

Ignore the Effects the GND will have on the Billions of very poor Sapiens who would like to have the same things the Upper Billion Sapiens have now.

Cater to the Beliefs of Your Tribe even if they will harm other Tribes.

Promote these Beliefs to the appropriate Media Resources your Tribe consumes.

## Scientific Institutions

Money Honey!

A Scientific Institution needs funding, often from the government controlled by the Politicians. Look at the Feedback Loop.

The Scientists might actually perform valid scientific experiments and analysis when one reads all the reports in depth.

But, only a few other scientists like Dr. Koonin have the ability or time to do so. No Media or Politician does.

What these Scientific Institutions actually Report to the Media, and thus, to the Public and Politicians is often a great Distortion of the Truth actually discovered by the Scientists within these Institutions.

Dr. Koonin knows a lot about this, and if you are interested in this situation, I recommend you read pp. 189 – 191 in *Unsettled?*

Dr. Koonin, a great scientist, has read these in-depth reports in the IPCC and others and discovered the real scientific facts, which are the basis of his book.

Everything in his book, and hopefully in this book, is based on real Facts.

IF you believe the Hype and Distortions delivered in the Media, THEN you will totally believe a False Narrative and consequently make incorrect decisions.

That's what the Politicians and Media want!

## Scientists

### Career Success and Survival

A Scientist wants to do honest Science and have a good Career doing so.

But, this means getting a Job as a Scientist in a Scientific Institution.

This also means getting the Approval of other Scientists in your field. That's how you get grants and team assignments. No Scientist works alone these days. Usually on a Team.

IF a Team you are a member of does something you believe is not truthful and you report it, what is likely to happen?

What happens to most “whistle blowers”?

Will you ever be welcome on some other Team?

## Who Broke “The Science” and Why

What will happen to your Career, and Employment as a scientist?

The great Richard Feynman, who was so brilliant he could control a Team, once wished Caltech graduates the following: “the good luck to be somewhere where you are free to maintain the kind of integrity I have described, and where you do not feel forced by need to maintain your position in the organization, or financial support, or so on, to lose your integrity”

How many scientists in the climate industry have this “good luck”?

Well, as Dr. Koonin points out, just compare the real science truth in the in-depth reports to what is then Summarized and Distorted for the Media and the Funders.

And, then the Scientists have to ignore or validate these distorted Summaries and Media Reports.

Of course, Dr. Koonin has had enough “good luck” to write his book *Unsettled?* And still survive as a professor.

But, still I'd bet he has had a lot of blowback and lost many science friends.

Indeed, Dr. Koonin's book is a very difficult read for most laymen like myself. I don't claim to fully understand it, and I certainly cannot defend it like he can.

If you can even partially believe what I am telling you, but are doubtful, I recommend you at least read some of Dr. Koonin's book.

Indeed, I challenge any GNDer to show me where Dr. Koonin is Wrong!

Quoting some Media source or Greta won't do it.

Show me where the Science is wrong as Dr. Koonin has explained it.

## Activists and Nongovernmental Organizations (NGOs)

NGO's have similar motives and pressures like the Media and Scientific Organizations.

A NGO must raise money to exist and pay its workers.

Some NGO's have what I believe are very worthy causes to improve the Sapien condition and I support them.

Maybe Climate Change GND NGO's really believe in what they preach. So what?

Clearly, if Dr. Koonin is right, then these NGO's are very harmful.

Activists have various motives I suppose. Help Sapiens. Fame. Fortune.

They might believe in the Climate Crisis caused by CO<sub>2</sub> Global Warming and its horrible Effects on our Future. I suspect Greta does.

Did Al Gore really believe all the nonsense in his book? I don't know.

But, did it make him more famous?

Did it make him some money?

Some people want Money. Some want Fame. Some want Power.

Some want it All.

## Who Broke “The Science” and Why

### The Public

The Public wants a good life and depends on Politicians to help them get it.

There is always a Game being played between the Public and Politicians.

Politicians want Power.

To get Power they need Money of course.

They often get their donations, i.e. Money, from Organizations that want Public support or customers.

Ultimately, a Politician needs to get a large enough segment of the Public to vote for him/her/it. (Enough pronouns?)

A Politician needs to get a lot of Media coverage.

Ads which require money help.

But, interviews and controversies help even more.

Love him or hate him, DJT, demonstrated the power of the Media, and Controversy.

Most successful Politicians find some controversial causes to promote to a large audience.

Climate Change is a good one.

Is it good enough?

Who knows.

The Public is mostly ignorant of most things.

It is very difficult to educate yourself on a complex topic like Climate Change.

The Public historically has had to rely on the Media for most of its Information and subsequent Beliefs.

With the modern Internet, not so much anymore.

Indeed, once the Horrible Consequences of abandoning Fossil Fuels for our Energy become apparent, the Public will revolt at the horrible GND proposals and demands.

One good thing about the Media and Politicians is that once they see the Winds have changed directions, they change too.

Will the GND win or lose?

Time will tell.

No predictions at this time.

## **Chapter 14.**

# **Fixing the Broken Science**

This Chapter is a Synopsis of Chapter 11 in Dr. Koonin's book, *Unsettled?*

This Chapter was the most alarming Chapter in his book for me.

He advocates what he calls a Red Team to analyze the Reports given to the Public via the Media to be sure the actual science is being properly reported.

Dr. Koonin has tried to have this happen and his efforts have resulted in a total Failure. You need to read his Chapter 11 to understand this or see if I am wrong.

I do believe there is a Solution that is outside Academia or the Science community.

Get a large rich Foundation that has No Bias or Ulterior Motive to recruit and pay Red Teams to do what Dr. Koonin proposes.

The purpose is to get the Truth to the Public, which in turn will control the Politicians via their votes.

A book like this one is a small first step in this direction.

Hopefully, it will be more readable and understandable than Dr. Koonin's wonderful book for most interested modestly educated people.

I strongly urge you to get his book and read some of it that I have referred to explicitly.

Then, get these “facts” promoted via social media such as Podcasts and Videos.

That is how T. Ruth learned about Dr. Koonin and his book. Then she bought the book, as you can see.

IF we really care about our descendants' future and the future of all Sapiens, THEN this would be a very good cause to pursue.

IF we follow the proposals of the GND, THEN there will be a horrible disaster for our descendants and a huge portion of Sapiens.

I hope Dr. Koonin reads this and agrees.

## **Chapter 15.**

### **Should - - Could or Can't - - Will**

In Part II The Response Dr. Koonin discusses the future.

Three very different questions:

1. What should we Sapiens do?
2. What could or can't we Sapiens do?
3. What will we Sapiens do?

He discusses mostly #2.

First, his experiences starting in 2004 when he left his job as Professor and Provost at Caltech (this is a very impressive position to me) to become BP's Chief Scientist (Wow!)

Then for Obama's Dept of Energy and then for 15 years studying the possible answers to the Three Questions.

Def. A “Chimera” is “an Illusion or Fabrication of the Mind”

Koonin's Chapter 12 The Chimera of Carbon-Free.

As I understand Dr. Koonin's analysis, Sapiens cannot significantly reduce our use of Fossil Fuels for 80% of our Energy needs without significantly harming the 6.5 billion Sapiens in the underdeveloped countries.

And, Worse yet! What?

Even if we reduce our CO<sub>2</sub> emissions into the Air it will have little effect on the Global Climate Temperature.

It seems to me to be like a Teeter Totter

## 1 Side Up <---> 1 Side Down

Increase the use of Fossil Fuels to create more Energy and improve the lives of a vast majority of our fellow Sapiens AND THEN Destroy the World by a Horrible Global Warming thanks to the CO<sub>2</sub> we release into the Air.

Or, Visa/Versa.

BUT, is that really our two Choices?

What if the CO<sub>2</sub> we release with our Fossil Fuel Energy causes ONLY a very small rise in Global Temperature?

WELL, of course, what really happens with our Global Climate will be determined by many Inputs we have No Control over and cannot predict.

For example, what will be the White Cloud Density over the next 50 years?

WE DON'T KNOW. But, their Albedo Effect could dominate the Global Temperature. Probably much more important than the CO<sub>2</sub>. See Chapter 12 of this book.

Decrease the use of Fossil Fuels to “save the planet from catastrophic warming” and basically ruin the lives of a vast majority of our fellow Sapiens.

Then what is the answer to #1? What Should we do?

Well, that will vary greatly from one person to another.

But, it will have no basis in reality from #2 if you ignore the actual scientific facts so far as we know them.

## Should - - Could or Can't - - Will

Sapiens have historically done things that they felt “should be done” and then got results totally different than what they envisioned or predicted or wanted.

How about the Soviets under Communism?

Or, the Chinese under Mao?

Germany under Hitler?

Do you think those Leaders wanted what they got?

Many other examples too.

Actions have Consequences.

The Consequences might not be your Desires.

You may want to have a wonderful life and take some drugs which make you feel wonderful for a short time.

But, then you become addicted and they quit working wonderfully and you ruin your life and end in misery.

Eat a lot of Processed Food and get Obese. What are the Consequences of that?

Koonin's Chapter 13 Could the US Catch the Chimera?

Who knows?

It certainly will if certain GNDers win the political battles.

Then when the negative consequences begin to be felt it might reverse.

Prohibition of Alcohol had Effects that were horrible and then we reversed directions. Crime? Poison alcohol beverages. Etc.

What about our modern current War on Drugs?

The War on Drugs has had even worse effects than Prohibition and we still have not reversed it. (This is Ruth talking, not Dr. Koonin)

Finally Question #3 What WILL happen?

Who knows?

No one knows!

But, do you think the lower 6.5 billion Sapiens are going to go along with the GNDers?

Would YOU give up 80% of the Energy You use and enjoy just to “Save the Planet from Global Warming”?

No? How Dare YOU!

Finally, Adaption.

Sapiens have adapted to many environmental changes over the last 200,000 years.

Heck, they lived through the Ice Ages.

Suppose the Earth does warm up a few degrees F.

Don't you think that with our technologies Sapiens can adapt?

Indeed, I believe that Sapien Innovation and Adaption will create a much better Environment for all Sapiens.

## Should - - Could or Can't - - Will

Heck, IF we just could eliminate Wars and incredible expenditures on the Military, JUST think what we could do to improve the lives of all Sapiens.

Indeed, I believe we have a much higher probability of dramatically reducing War and Military Expenditures, than we have to reduce CO<sub>2</sub> in the AIR.



Incredible Final Proof Video

## **Chapter 16.**

# **Incredible Final Proof Video**

Dr. Patrick Moore - - Carbon and Climate Catastrophe

Here is an incredible 120 minute video that goes way beyond the other facts presented in this book.

[https://www.youtube.com/watch?v=IX1z\\_6pvM-Q](https://www.youtube.com/watch?v=IX1z_6pvM-Q)

403,177 views Mar 14, 2022

Carbon and Climate Catastrophe Dr. Patrick Moore-- Co-Founder and former President of Greenpeace, Director of the CO2 Coalition, Senior Fellow of The Heartland Institute, and author of "Fake Invisible Catastrophes and THreats of Doom" The Dinner Keynote Address at The Steamboat Institute Energy and Climate Summit, The Nexus of U.S. Energy Policy, Climate Science, Freedom and Prosperity by Dr. Patrick Moore on March 12, 2022 at the Steamboat Grand in Steamboat Springs, Colorado.

IF You have not been convinced by this book, PLEASE just watch this video.

Tell us IF there is any untrue fact in this video.

This is an amazing video.



## Conclusions

Raising the CO<sub>2</sub> level in the Air from 430 ppm to 800 ppm will have a very beneficial Effect on Sapiens thanks to increased Food Production AND will have a minor Effect on the Earth's Temperature.

Human-produced CO<sub>2</sub> in the Air will cause an increase in the Greenhouse Effect, but this will be just a minor Cause of whatever happens to the Earth's Temperature.

Our current Climate Models are totally incapable of accurately forecasting the Earth's future Global Temperature.

There are many other Factors totally outside our control that will determine the Earth's future Global Temperature.

Some (many?) we don't even understand and cannot predict.

The more we learn, the more we realize we don't know or understand. White Clouds are a good example.

It is wise to continue to look for alternative sources of Energy which are environmentally and/or economically more friendly.

Natural Gas emits much less CO<sub>2</sub> and other horrible pollutants than Coal for example.

But, then how much harm does fracking do to the environment?

Nuclear Fission Energy has many pluses and minuses. It certainly would reduce the CO<sub>2</sub> in the Air compared to Fossil Fuel Energy.

Indeed, today it may be the ONLY practical technology we can use to replace Fossil Fuels for Energy.

Getting other Countries to try to follow our lead is probably a fool's errand. They will do what is best for their economies and citizens.

Reducing or eliminating Wars would probably be much more valuable than reducing CO<sub>2</sub>.

Just think what we could do with all the resources we Sapiens spend on Wars and Militaries.

Ignore the Media and Politicians who are Hying all the Nonsense about Global Warming due to Sapiens production of CO<sub>2</sub>.

Find things to do that improve the Environment, and the lives of Sapiens, especially those who are living on very little Energy.

At the end of his book, Dr. Koonin discusses a few of them. And, there are many more too.

If you want to reduce CO<sub>2</sub> in the Air help figure out some things that we can do that will improve the lives of All Sapiens.

## Invitation

Dr. Craig Hane published this book to try to help the Readers better understand this very complex subject.

Hopefully, you will read Dr. Koonin's *Unsettled?* and see if you agree with T. Ruth Galore and this book.

If you know anyone who would like to master practical math to improve their opportunities, or just for the love of it, please send them to:

[www.TriadMathInc.com/so](http://www.TriadMathInc.com/so)

or

[www.CraigHane.com](http://www.CraigHane.com)

That is Dr. Hane's attempt to improve the lives of Sapiens.

Question for You, the Reader:

IF 1) A CO<sub>2</sub> increase on the Earth Produces More Food

& 2) A CO<sub>2</sub> increase on the Earth has a very Minor Influence on the Earth's Global Climate and Global Temperature overwhelmed by Many Other Factors and Inputs.

THEN Would YOU recommend that CO<sub>2</sub> be increased?

Just Assume 1) and 2) are True to answer this question.

Hmm! Assume you are a World Leader, and the Effects a CO<sub>2</sub> Increase will have on All the Sapiens and other life forms.

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IF Your Answer is NO, then I recommend you don't bother reading this book unless you are willing to Change your Mind when presented with Facts you don't know.

If Your Answer is YES, then this book is sure for You!

This book has been written by a modestly intelligent and educated Sapien for modestly intelligent and educated Sapiens.

T. Ruth Galore is the Pen Name of the authors who will teach a little basic Chemistry with some basic Practical Math T.R. learned from Triad Math, Inc., the Publisher of this book.

KISS is T.R.'s guiding principle.

There is another book, WSJ Bestseller, by a true Climate Expert, Dr. Steven E. Koonin, *Unsettled? WHAT CLIMATE SCIENCE TELLS US, WHAT IT DOESN'T, AND WHY IT MATTERS.*

Refer to *Unsettled?* For references and facts to back up or contradict the things Ruth tells you in this book. Compare this to another famous book by Al Gore.