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# Climate Change

UNCOVERING A  
GLOBAL SCAM

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Le Raptor

# CHAPTER 1

## STATE OF AFFAIRS

### *1.1 WHERE DO WE START?*

### *THE IPCC: ITS ORGANIZATION AND ITS REPORTS*

How does the IPCC report works



IPCC is based on « confidence levels »



# CHAPTER 1

## STATE OF AFFAIRS

### ***1.2 TEMPERATURE ANOMALIES SINCE 1850***

Climate is the average weather during at least 30 years



Temperature anomalies since 1850 - 1



Temperature anomalies since 1850 - 2



Mean temperatures around the globe : Page 19



Temperature anomalies according to paleoclimatology : Page 27, figure 5.7 (c)



Global average surface temperature anomaly since five hundred million years ago :  
« Unsettled » Steven Koonin, page 43, figure 1.8

## CHAPTER 2

# GREENHOUSE GASES


*IMPORTANCE AND FUNCTIONING*

### ***2.1 THE "EQUILIBRIUM" STATE***

GREENHOUSE GASES  
IMPORTANCE AND FUNCTIONING

How greenhouse effect works 

Stefan-Boltzmann law to determine the average global temperature 

Thanks to greenhouse effect, temperature rises from  $-18^{\circ}\text{C}$  to  $+15^{\circ}\text{C}$  

## CHAPTER 2

# GREENHOUSE GASES

*IMPORTANCE AND FUNCTIONING*

## ***2.2 THE GREENHOUSE EFFECT***

# GREENHOUSE GASES

## IMPORTANCE AND FUNCTIONING

Greenhouse gases have disproportionate effects



CO2 concentration in the atmosphere : Page 8, paragraph A.1.1



## CHAPTER 2

# GREENHOUSE GASES

*IMPORTANCE AND FUNCTIONING*

### ***2.3 HUMAN AND NATURAL INFLUENCES***

Spectroscopy to measure CO2 direct greenhouse effect



Spectroscopy to measure CO2 direct greenhouse effect : « Unsettled » Steven Koonin, page 53, figure 2.3

Fine particles cooling effect



Pastures have a greater albedo than forests - 1



Pastures have a greater albedo than forests - 2



CO2 direct and indirect effects on warming



CO2 direct and indirect effects on warming : « Unsettled » Steven Koonin, page 88, figure 2.4

## CHAPTER 3

# ANTHROPOGENIC IMPACT ON CO<sub>2</sub>

*CALCULATION, HISTORY AND ANTICIPATION*

## **3.1 RELATIONSHIP BETWEEN EMISSIONS AND CONCENTRATIONS**

Carbon reservoirs on earth - 1



Carbon reservoirs on earth - 2



Global CO2 concentrations for the last millions years : Page 192, figure 3



Global CO2 concentrations for the last millions years : « Unsettled » Steven Koonin, page 67, figure 3.3

How much CO2 do plants and oceans absorb



Evolution of CO2 concentration for the last decades



Source of emission of methane



How long does CO2 last in the atmosphere



### 3.1 RELATION BETWEEN EMISSIONS AND CONCENTRATIONS

## CHAPTER 3

# ANTHROPOGENIC IMPACT ON CO<sub>2</sub>

*CALCULATION, HISTORY AND ANTICIPATION*

## **3.2 IPCC PREDICTIONS**

Representative Concentration Pathways



Global population, global GDP, CO2 emissions, CO2 concentration, radiative forcing according to IPCC RCPs



RCP 8.5 is less and less plausible



RCP 8.5 was yet described as « business as usual » in the media and according to « science »



## CHAPTER 4

# PREDICTIONS AND MODELS

*INTERESTS AND LIMITS*

### **4.1 CLIMATE MODELING THE BIGGEST SIMULATION CHALLENGE**

« All models are wrong but some are usefuls »



## CHAPTER 4

# PREDICTIONS AND MODELS

*INTERESTS AND LIMITS*

## ***4.2 HOW MODELS ARE CREATED***

INTERESTS AND LIMITS

Models « cuts » earth in little cases



4.2 HOW ARE THE MODELS CREATED

## CHAPTER 4

# PREDICTIONS AND MODELS

*INTERESTS AND LIMITS*

### ***4.3 MODEL LIMITATIONS***

While modelers base their subgrid assumptions upon both fundamental physical laws and observations of weather phenomena, there is still considerable judgment involved : « Unsettled » Steven Koonin, page 81

The fluctuations in the models cases are a major factor in albedo modification



« Upward flows of energy and water vapor occur over areas much smaller than the 100km of our grid. [...] In fact, the flow of energy carried into the atmosphere by evaporation of the ocean waters is more than thirty times larger than the human influences » : Unsettled, Steven Koonin, page 83

The level of details needed for the initialization « isn't available today, let alone for decades in the past » : Unsettled, Steven Koonin, page 83

How does « tuning » work



Even with dozen of tunings, the model can not correspond to the observations



How the Max Planck Institute in Germany multiplied a factor by 10 in its tuning to make it fit



## CHAPTER 4

# PREDICTIONS AND MODELS

*INTERESTS AND LIMITS*

### ***4.4 A WIDE RANGE OF RESULTS***

CMIPs



Comparison between CMIP3 and CMIP5 : figure (a)



« It remains difficult to quantify the contribution to this warming from internal variability, natural forcing and anthropogenic forcing, due to forcing and response uncertainties and incomplete observational coverage »



CMIP6 results on temperature



Natural variations are still very difficult to scientifically explain



« The uncertainties in modeling of both climate change and the consequences of albedo modification make it impossible today to provide reliable, quantitative statements about relative risks, consequences, and benefits of albedo modification to the Earth system as a whole, let alone benefits and risks to specific regions of the planet »



## CHAPTER 5

# APOCALYPSE, PROPAGANDA VS REALITY

### *5.1 RISING WATERS*

Al Gore and IPCC peace Nobel prize



Al Gore sea level rising predictions



Statue of Livery under water prediction



Maldives will disappear every 20 years - 1



Maldives will disappear every 20 years - 2



Maldives will disappear every 20 years - 3



Maldives, the vanishing islands that failed to vanish



Maldives hotel investment



Obama's manoir is not afraid of sea rising



Neither is Bill Gates's villa



Geological estimations of sea level rising for the last 400.000 years



120.000 years Milankovitch cycles



Post glacial sea level rise



Nowadays measurements are carried out precisely by tide gauges and satellites



Sea level rise since 1900



Sea level rise recent speed



## 5.1 SEA LEVEL RISING



Sea level rise speed is cyclic



« For this reason, there is still medium confidence in the ability of climate models to simulate past and future changes in glaciers mass loss and Greenland SMB » : IPCC, SROCC Section 4.2.2.2.6

Contributions of ice melting to the rate of global sea level rise from 1929 to 2018 :  
Unsettled, Steven Koonin, page 161, figure 8.6

## CHAPTER 5

# APOCALYPSE, PROPAGANDA VS REALITY

## *5.2 HURRICANES AND TORNADOES*

[North Atlantic Ocean Historical Tropical Cyclone Statistics](#)



[Atlantic Multidecadal Oscillation \(AMO\)](#)



[National Climate Assessment « The intensity, frequency, and duration of North Atlantic hurricanes, as well as the frequency of the strongest hurricanes, have all increased since the early 1980s. The relative contributions of human and natural causes to these increases are still uncertain. Hurrican-associated storm intensity and rainfall rates are projected to increase as the climate continues to warm » : Page 51](#)



[National Climate Assessment forgets to tell what happened before 1970 : Page 52, figure 2.23](#)



[Here is what happened before 1970](#)



[Journal of Climate strongly reinforce this hurricanes trend](#)





EF0 tornadoes statistics



« Many of these were weaker tornadoes (EF-0 and EF-1) that produced light damage to agriculture, structures and residences »



EF1+ tornadoes statistics : NOAA NCEI « Historical Records and Trends : Ratio of (E)F-0 Tornado Reports to Total Reports Unsettled, Steven Koonin, page 124, figure 6.6

## CHAPTER 5

# APOCALYPSE, PROPAGANDA VS REALITY

### *5.3 PRECIPITATION, FLOODS AND FOREST FIRES*

Evolution of precipitation since 1900



« While there are regional trends, there is no evidence of increase in precipitation at the global scale in response to the observed global warming » : page 8



Precipitation vary locally



« There is low confidence in a global-scale observed trend in drought or dryness »



Drought index in the southwestern United States



Decrease in mortality linked to drought or floods : Unsettled, Steven Koonin, page 169, figure 9.1

Drought index in the southwestern United States



Wild fires are mainly due to pyromaniacs



## CHAPTER 5

# APOCALYPSE, PROPAGANDA VS REALITY

## ***5.4 GREEN SPACES AND AGRICULTURAL YIELDS***

[The Ne York Times « Climate Change Threatens the World's Food Supply, United Nations Warns »](#)



[« The full mortality risk due to climate change to be an additional 85 deaths per 100,000 in 2100 »](#)



[CO2 is a fertilizer](#)



[Carboniferous period CO2 levels](#)



[CO2 level 20.000 years before us](#)



[« CO2 approached the threshold of 150 ppm below which plants begin first to starve, then stop growing altogether, and then die. »](#)



[Agricultural yields have more than doubled during the last 50 years with a record in the 2020's - 1](#)



[Agricultural yields have more than doubled during the last 50 years with a record in the 2020's - 2](#)



[Green spaces have increased somewhere between 25% to 50% during the last 40 years](#)



[Cereal cost has declined since 1900](#)



[Mortality linked to hunger has been divided by 20 in one century](#)



[IPCC statement regarding the « 104% instead of 100% yield »](#)



## CHAPTER 6

# HOW SCIENCE HAS BEEN HIJACKED

***6.1 THE SUCCESSIVE IPCC FILTERS:  
FROM THE ORIGINAL REPORT TO  
"SUMMARY FOR DECISION-MAKERS"***

Peer reviewed studies limits



Some science frauds instances - 1



Some science frauds instances - 2



Some science frauds instances - 3



Red Team proposition from scientists



Red Team is used in all serious fields - 1



Red Team is used in all serious fields - 2



Red Team is used in all serious fields - 3



Red Team has been rejected - 1



Red Team has been rejected - 2



« The processes for drafting and reviewing the climate science assessment reports do not promote objectivity. Government officials from scientific and environmental agencies (who might themselves have a point of view) nominate or choose the authors » : Unsettled, Steven Koonin, page 210

« Disagreements among reviewers and lead authors are not resolved by an independent referee; the lead author can choose to reject a criticism simply by saying « We disagree » » : Unsettled, Steven Koonin, page 211

« The final versions of assessments are then subject to government approval (through an interagency process for the US government and often-contentious meetings of experts and politicians for the IPCC) » : Unsettled, Steven Koonin, page 211

## CHAPTER 6

# HOW SCIENCE HAS BEEN HIJACKED

***6.2 CENSORSHIP AND PRESSURE  
POLITICAL/ECONOMIC/PERSONAL***

97% consensus was fake news



Governments and politics interests



ESG credits - 1



ESG credits - 2



Harassment of scientists that disagree with the propaganda



« A lot of this is somewhat like what goes in the medical business : small, poorly controlled studies are used to proclaim the efficacy of some new drug or treatment. How many such stories have been withdrawn years later when enough adequate data became available ? »



## CHAPTER 7

# "CARBON NEUTRALITY": ARE YOU READY?

## ***7.0 REMINDER OF THE FACTS***



How much CO<sub>2</sub> is fixed by plants and oceans



How long does the CO<sub>2</sub> lasts in the atmosphere



The net zero project



## CHAPTER 7

# "CARBON NEUTRALITY": ARE YOU READY?

## ***7.1 THE PARIS AGREEMENTS***

Paris agreement



Goal to limit warming to 1,5°C



## CHAPTER 7

# "CARBON NEUTRALITY": ARE YOU READY?

## ***7.2 "NET ZERO" AND ITS CONDITIONS***

Fossil fuels emit 80% of the CO2



Geo-engineering - 1



Geo-engineering - 2



Electrical ferries and planes - 1



Electrical ferries and planes - 2



22% of energy is from electrical sources



## CHAPTER 7

# "CARBON NEUTRALITY": ARE YOU READY?

### ***7.3 ENERGY, GDP, POPULATION: THE EUROPEAN MONOMANIA***

Energy consumption and population



Energy consumption and GDP



Energy consumption and life expectancy



Child mortality and GDP per capita



Child mortality according to the country



American fridge Vs African



Developped countries population



Population growth projection



Energy should rise by 50% by 2050



Energy mix projection : Unsettled, Steven Koonin, page 218, figure 12.2

CO2 emissions by country



EU emits 10% of the total CO2 emissions



France emits 1% of the total world CO2 emissions



China emits more CO2 than OECD countries combined



China and India to double and triple their CO2 emissions by 2030



Russia to increase its CO2 emissions



## CHAPTER 7

# "CARBON NEUTRALITY": ARE YOU READY?

### ***7.4 THE FALSE PROMISES OF THE ENERGY "TRANSITION"***

Portugal energy mix



England energy mix



France energy mix



Japan energy mix



Transport, electricity and industry emit most of the CO2



80% of worldwide energy comes from fossile fuels



Coal energy is the least expensive one



« World proven crude oil reserves stood at 1,570 billion barrels (bn b) at the end of 2023 » : page 7



New oil reserves discovered



Coal emits CO2 and pollutes the air



Germany destroys its land for coal



How long does it take to build and connect a coal-fired power plant : page 5



India loves its coal



Child mortality vs co2 emissions per capita



Innovation and growth lead to a 44% increase in resource use efficacy between 1965 and 2019



Nuclear energy emits little CO2



440 nuclear power plants make 10% of the world's electricity



France uses 40% of nuclear energy



France is the first electricity exporter in the EU



How long does it take to build and connect a nuclear power plant



Industry, agriculture and transports needs in energy are mainly taken care of by fossile fuels :  
Unsettled, Steven Koonin, page 228, figure 13.2

Green energy of tomorrow



Photovoltaic electricity production represents 2,1% of the world's electricity production



The goal is to go to 80% electrical energy



Wind turbine load factor



Solar panels load factor



Germany energy mix



French Vs Germany co2 emissions/energy



Carbon payback for solar panels : page 2



Carbon payback for wind turbines : page 3



Wind turbines requires a lot of materials and rare earths



China has 60% of the world's rare earths production



China produces 70% of solar panels



Solar panels Vs nuclear energetic density



Wind turbines Vs nuclear energetic density



Solar panels need forests to be razed



Wind turbines destroy landscapes



Wind turbines kill 8 birds/year on average



Wind turbines disturb birds migration



Wind turbines and solar panels are intermittent



Prices of energy according to the % of « green » energies used : page 33



Cost of the ecologic transition in France



## 7.4 THE FALSE HOPES OF THE ECOLOGIC « TRANSITION »