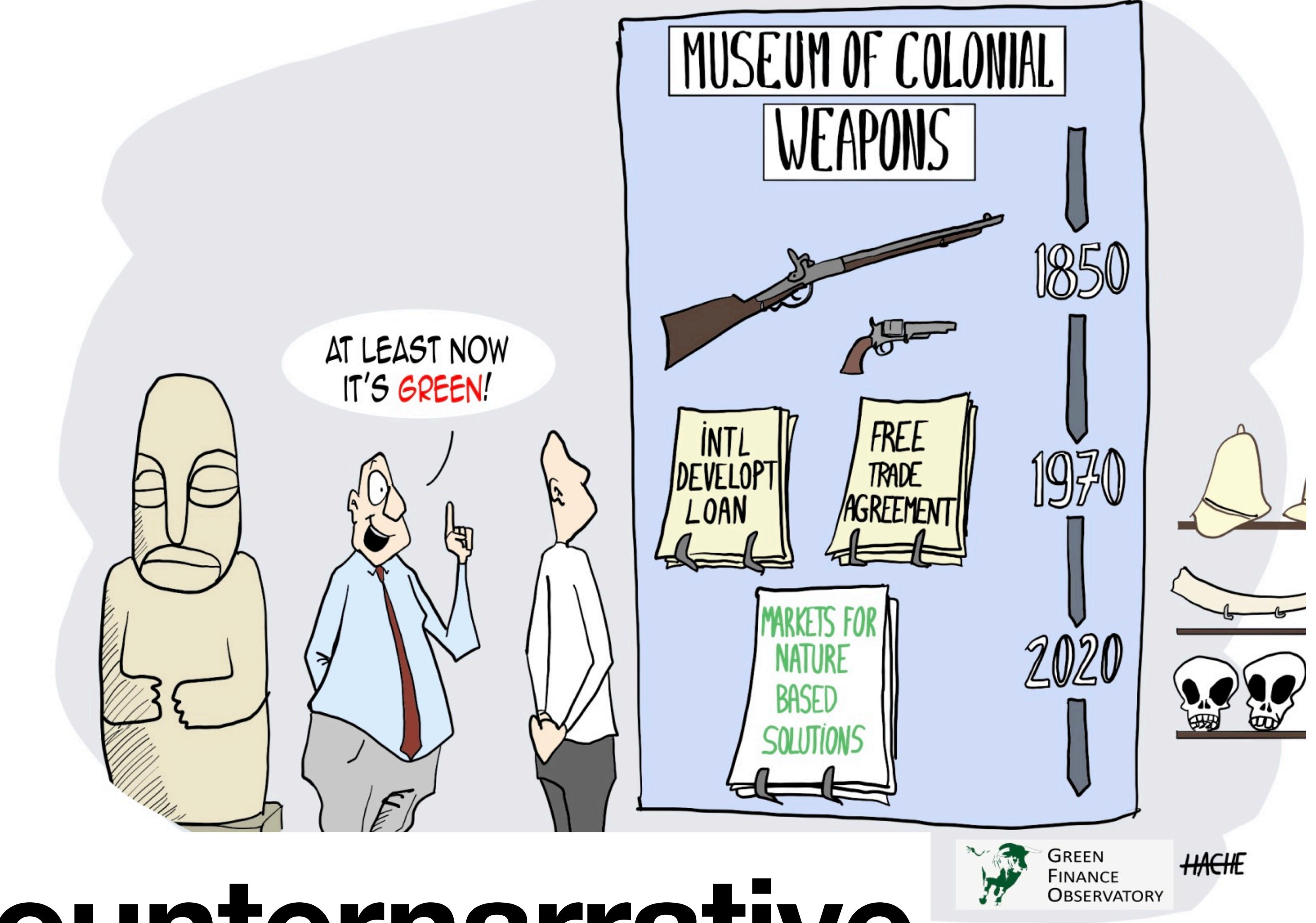


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A Climate Counternarrative

The Scientific Consensus is Wrong: It's Soil, Not Oil



HACHE

About the Author

A Disabused Environmentalist

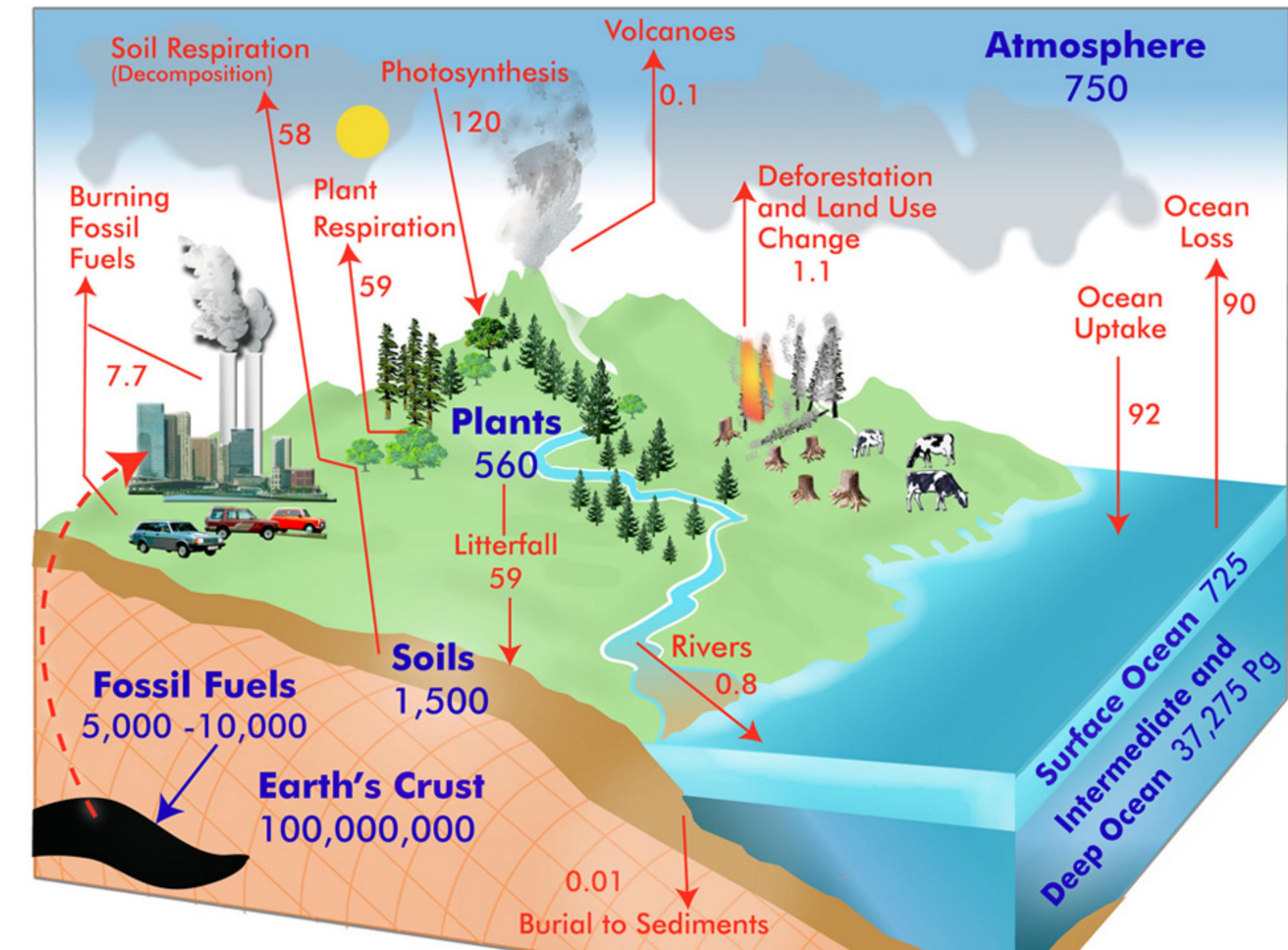
- Engineer
- Permaculture
 - Agroecology
 - Soil Science
- Publications
 - A Natural Language
 - A Climate Counternarrative



The Carbon Cycle

A Deeply Misleading Model

- Industrial Activities: 7.7Gt
- Land Use Change: 1.1Gt
- Terrestrial Plants:
 - Plant Respiration: 59Gt
 - Soil Decomposition: 57Gt
 - Photosynthesis: 120Gt
- Silences internal dynamics.



Forest Clear-Cuts

Trivially Avoidable Emissions

- Plume of CO₂ when you clear a forest (Korkiakoski et al, 2019).
- Continues until the canopy is mature enough to soak it up.
- No plume when you thin instead (Vesala et al, 2015).
- Trees keep the fungi alive, break the wind, and soak up the CO₂.



Canopy Loss

What Actually Changed

- Forestry switched to clear-cuts.
- Farm fields lost their hedgerows:
 - Fewer, larger landowners.
 - Factory farming.
- Other emissions sources:
 - Midwest got settled.
 - Dead shallow waters?



Simple Solutions

Put Plants Back In

- Forest thinning.
- Alley cropping.
- Intercropping.
- Sylvopasture.
- Mob Grazing.
- Can solve biodiversity as a bonus (see roadsides or “rewilded” gardens).



Cotton growing in between pine alleys

Carbon Accounting

Designed By Financiers

- Works like a financial statement.
- Industrial emissions get tracked like expenses (flows).
- Carbon stocks are like balance sheet entries (stocks).
 - Tracked as stock changes using long term models.
 - Keeps emissions out of sight.



This makes sense if and only if avoidable emissions hidden in stocks are negligible compared to those that appear as flows.

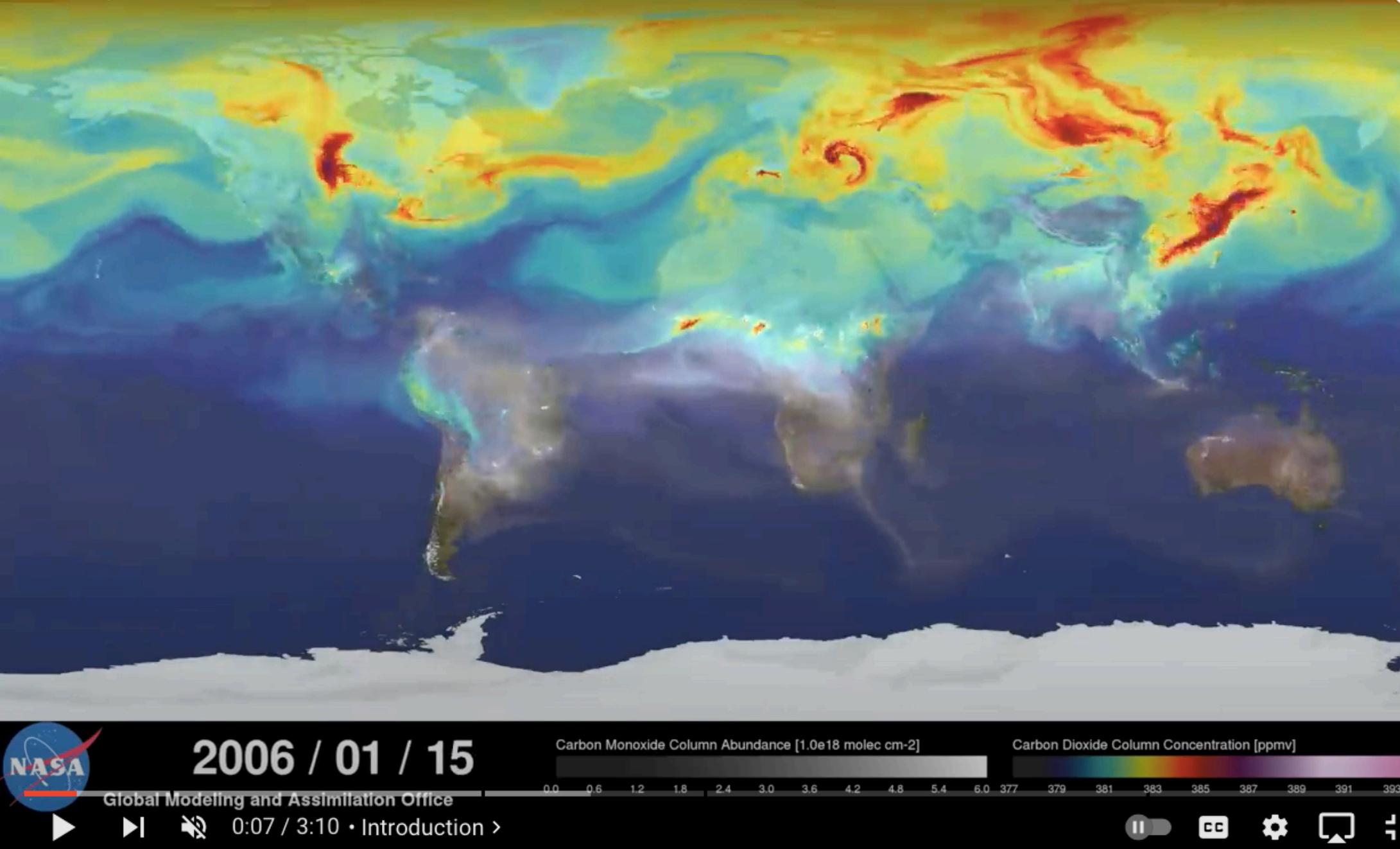
Logging Emissions

Anything But Negligible

- A few kg of CO₂ per square meter (Korkiakoski et al, 2019).
- On the order of 10 tons per acre.
- Loggers harvest over 60m acres per year. Most of that is cleared.
- A German economy or so worth of trivially avoidable emissions.
- Reduced-Impact Logging aims to reduce those (for carbon offsets).



You can tell when farmers are tilling,
harvesting, or using fire to clear land.



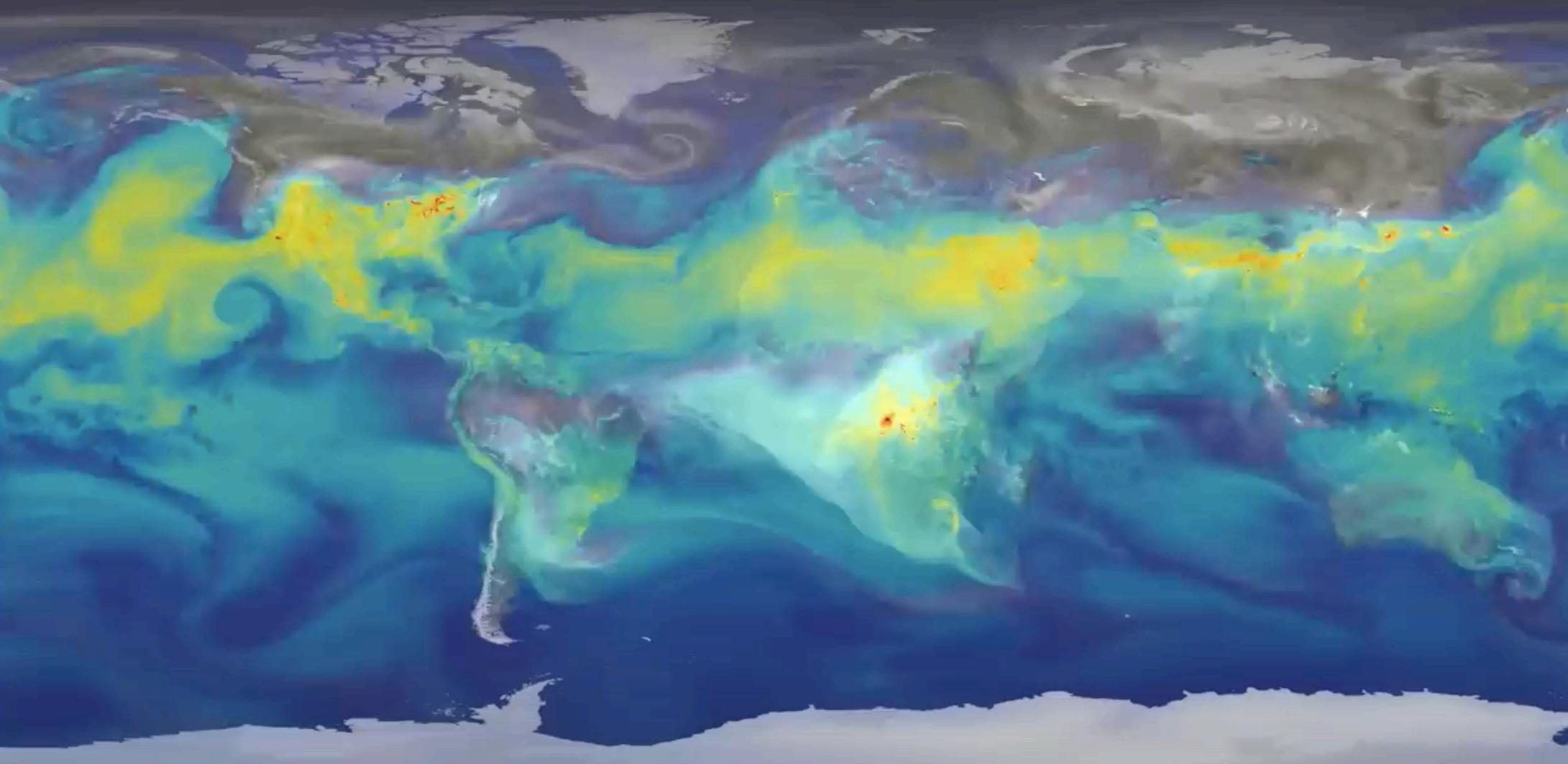
2006 / 01 / 15

Carbon Monoxide Column Abundance [1.0e18 molec cm⁻²] Carbon Dioxide Column Concentration [ppmv]

0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
377	379	381	383	385	387	389	391	393	395	

Global Modeling and Assimilation Office

▶ ▶ 🔍 0:07 / 3:10 • Introduction >



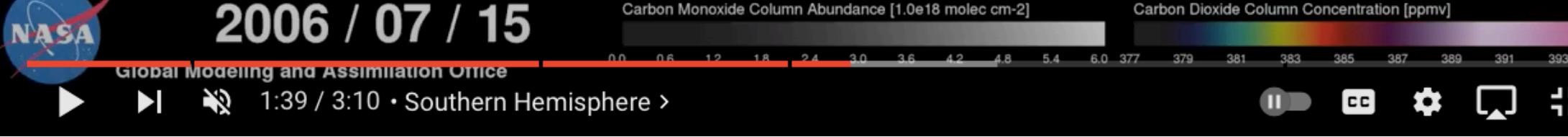
2006 / 07 / 15

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Global Modeling and Assimilation Office

▶ ▶ 🔍 1:39 / 3:10 • Southern Hemisphere >



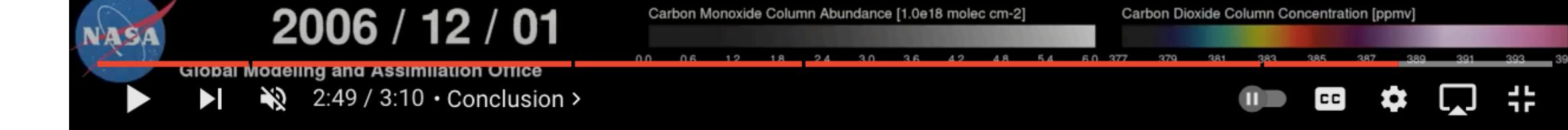
2006 / 12 / 01

Carbon Monoxide Column Abundance [1.0e18 molec cm⁻²] Carbon Dioxide Column Concentration [ppmv]

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Global Modeling and Assimilation Office

▶ ▶ 🔍 2:49 / 3:10 • Conclusion >



2006 / 04 / 15

Carbon Monoxide Column Abundance [1.0e18 molec cm⁻²] Carbon Dioxide Column Concentration [ppmv]

0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
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Global Modeling and Assimilation Office

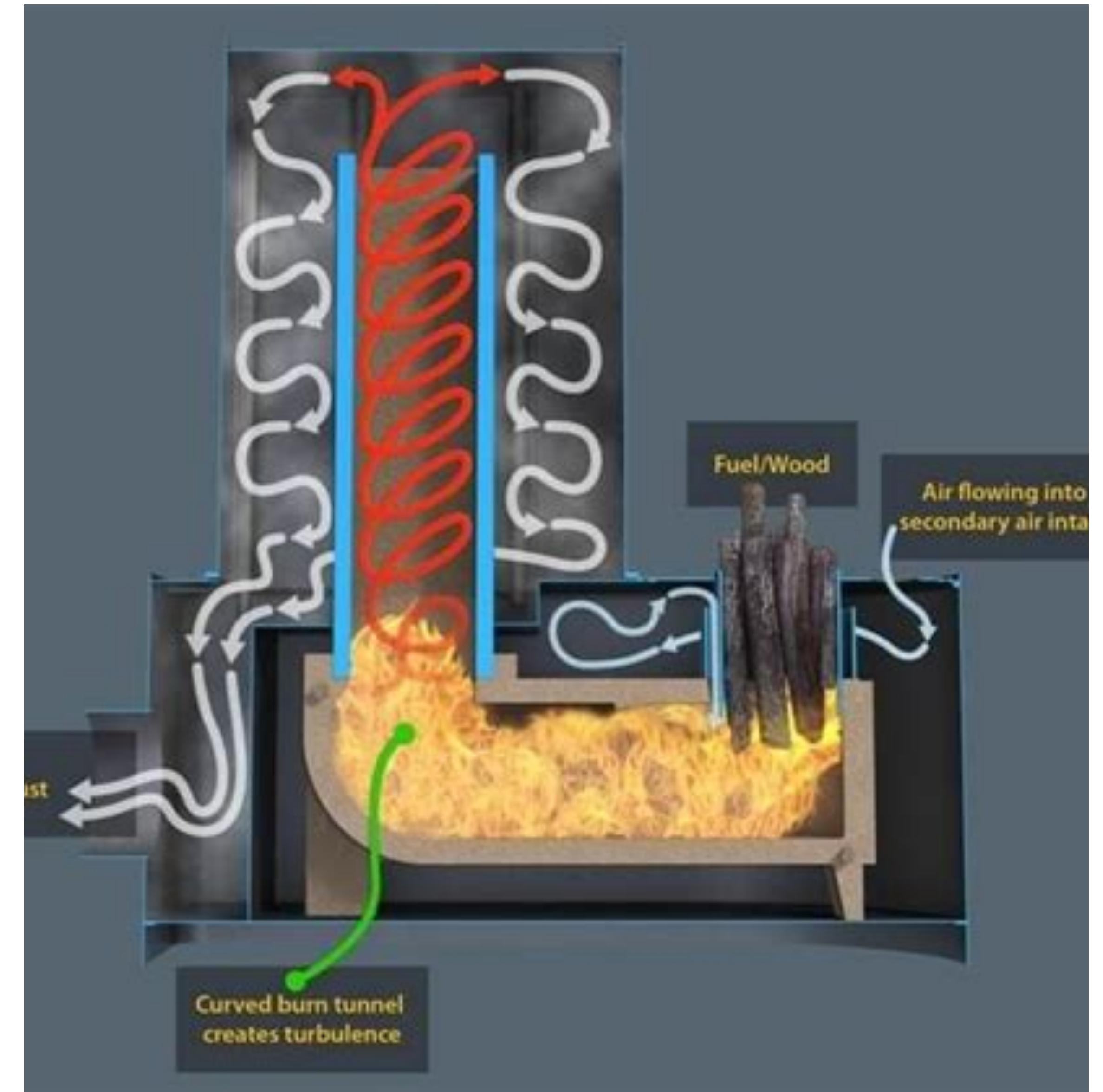
▶ ▶ 🔍 0:52 / 3:10 • What is CO₂ >

The Science is confusing a canopy
loss problem for an energy problem.

Fossil Fuels

Beneficial Plant Food

- 12% of atmospheric CO₂ (Skrable et al, 2022).
- Likely comes from sources with no nearby plants, like industrial smokestacks or airplanes.
- Rocket mass heater and drip irrigation like setups could be used to bio-sequester it.
- Or just leave it up there.



A rocket mass heater

Disputable Science

Man-Made Desertification

- Soil with less carbon and less cover retains less water.
- Topsoil loss is desertification.
 - Compounded by plantations.
- Desertification is reversible.
 - Slow down water and wind.
- Biodiversity loss, floods, and fires are largely man-made.



Loess Plateau, before and after restoration

Shameless Fraud

A Carbon Accounting Chicanery

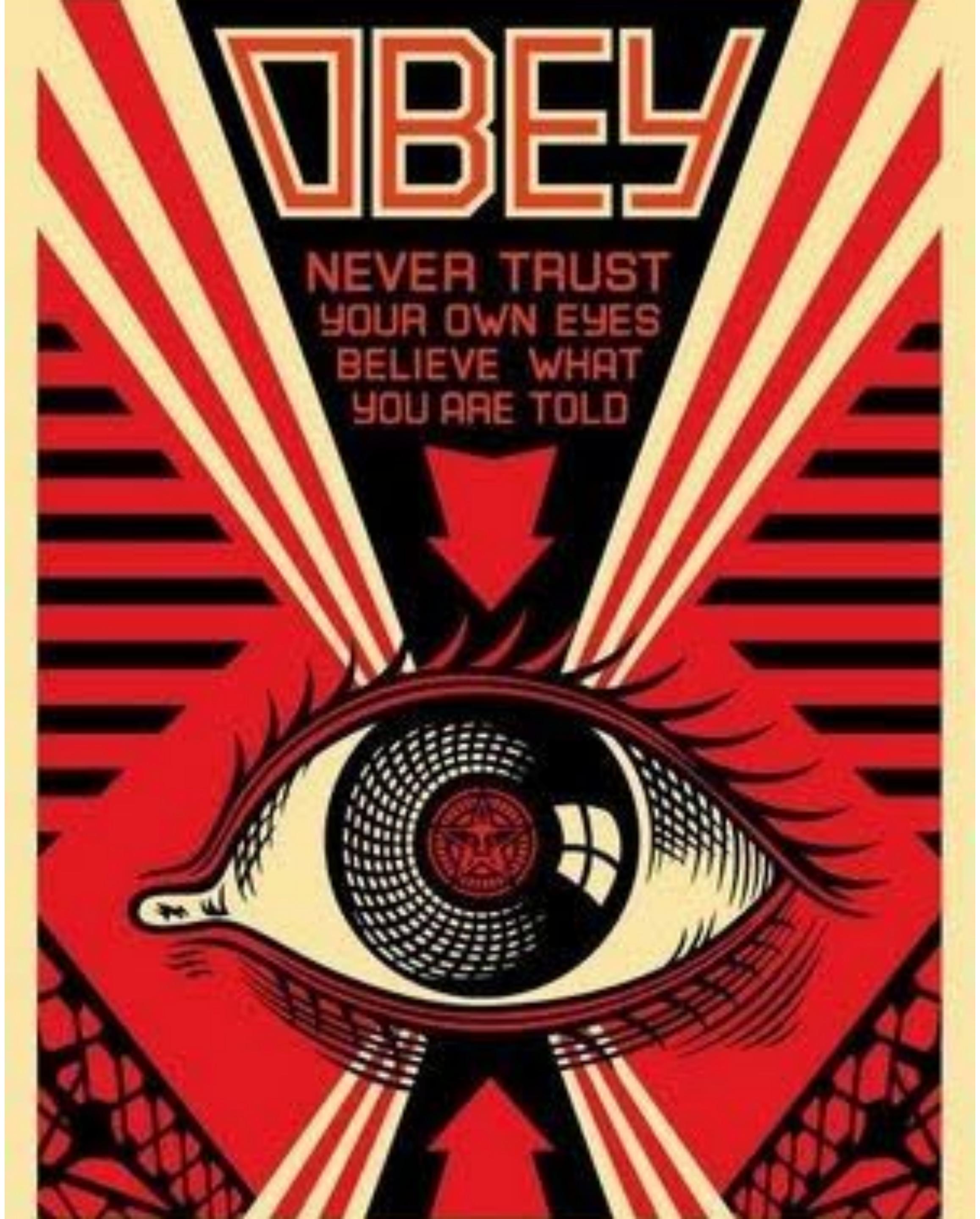
- Carbon “income” sources:
 - Carbon allowances.
 - Carbon credits (indulgences).
 - Green tech.
- Carbon offsets:
 - Subsidies (plantations, mines).
 - Land grabs (conservancies).



Control Agenda

A Green New World

- Programmable money (CBDCs).
- Monitoring (ESGs, 15-min cities).
- Tithes (nature-based solutions).
- Land grabs (30x30 plan, mines).
- Inverted values (reparations).
- Depopulation (jabs, famines).
- New Age religion.



Conservancies are tax exempt, will collect a green tithe, and will be exempt from wealth clawbacks. Their elite beneficiaries will have the last laugh.

Next Steps

Let's Work Together

- Litigating the attribution science could thwart the agenda, so it is very risky for the conspirators.
- Potential angles of attack:
 - Need for carbon offsets.
 - Need for conservation.
 - Motives of conservancies.
 - Soundness of the laws.



Exploring Further

- Revisiting the Climate Narrative (short article):
<https://eartharxiv.org/repository/view/5246/>
- A Climate Counternarrative (extended article):
<https://ddebernardy.substack.com/p/a-climate-counternarrative>
- A Natural Language (book):
<https://ddebernardy.substack.com/p/a-natural-language>
- A Natural Language (SubStack):
<https://ddebernardy.substack.com>