

GSM - Grand Solar Minimum. You really should do the Research!

OPS-41

The TAKEAWAY - For 600 million years, life has thrived with much higher atmospheric CO₂ concentrations, in much warmer temperatures but we need to worry about a 125 ppm increase in CO₂ (to 400 ppm) and a ~1 °C increase in temperature (to ~ 15 °C)? Is CO₂ driving the climate?¹ Not so much.

The geological visualization included to the right has been making its rounds. I thought it would be interesting to correlate the global temperatures and CO₂ levels back to that schematic. There has been abundant (although changing) life throughout this time period. Both CO₂ and Temperatures have been significantly higher throughout that period. There is no statistically significant correlation between CO₂ and Temperature over this period. CO₂ can play roles but in the historical records CO₂ is minor player not a primary climate driver.

Life, CO₂, Temperature over Geological Time

The sun, (not CO₂) is the primary climate driver!
Adapt. do not commit economic suicide!!!

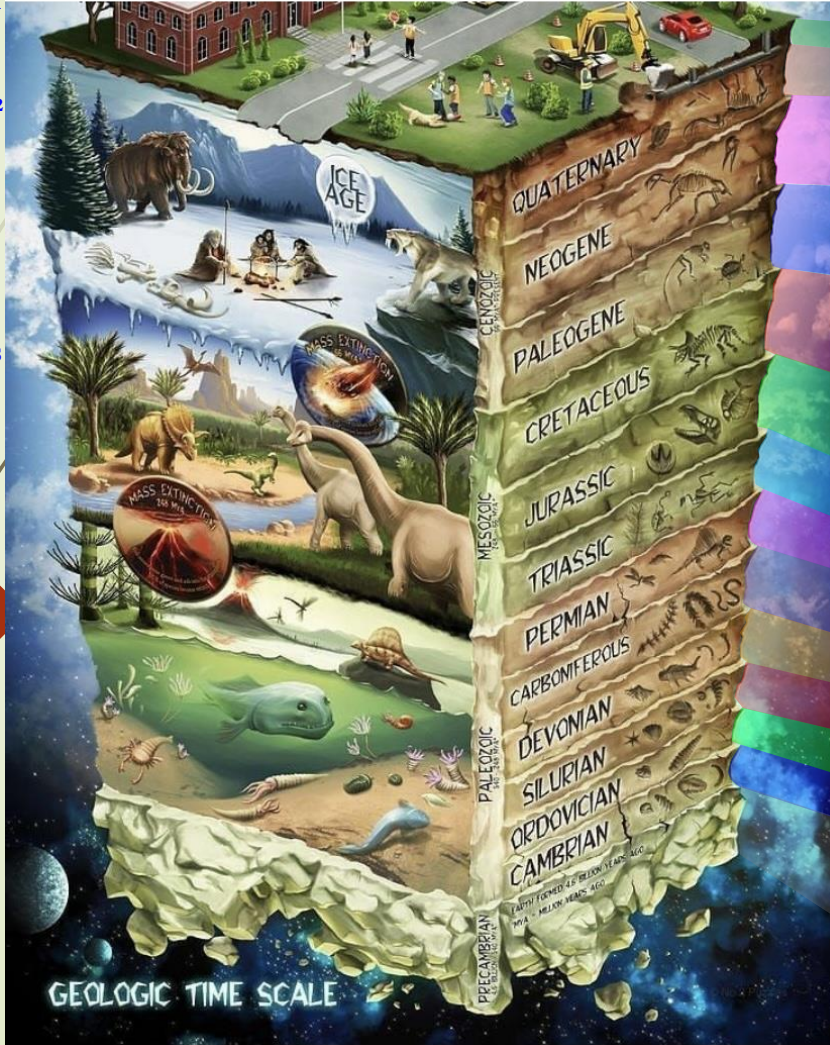
Geology Science
44,416 followers
1d · 🌐

+ Follow

Note: Not to Scale but the image illustrates the general history of life (abundant, with both gradual and catastrophic changes)

Great visualization of geological time scale.
1. There is no empirical CO₂/Temperature data set that shows CO₂ driving the climate on any statistically significant historical time scale.

#geology #science #geologyscience.info ...see more



CO₂, Temperature and Life Fluctuations Over 600 Million Years

Looking at temperatures and CO₂ distributions over the last 600 million years has its challenges. The two images included below are examples. I updated the image to the right with Scotese's more recent temperature reconstruction and confirmed that the CO₂ reconstruction was based on Berner's 2001 paper. The graph below appears to draw on the same general sources, but the CO₂ and temperature curves seemed to be aligned differently. Regardless, both charts show that CO₂ is not driving the climate on these time scales. For the CAGW alarmists in the crowd, if these do not work for you, produce an alternative.

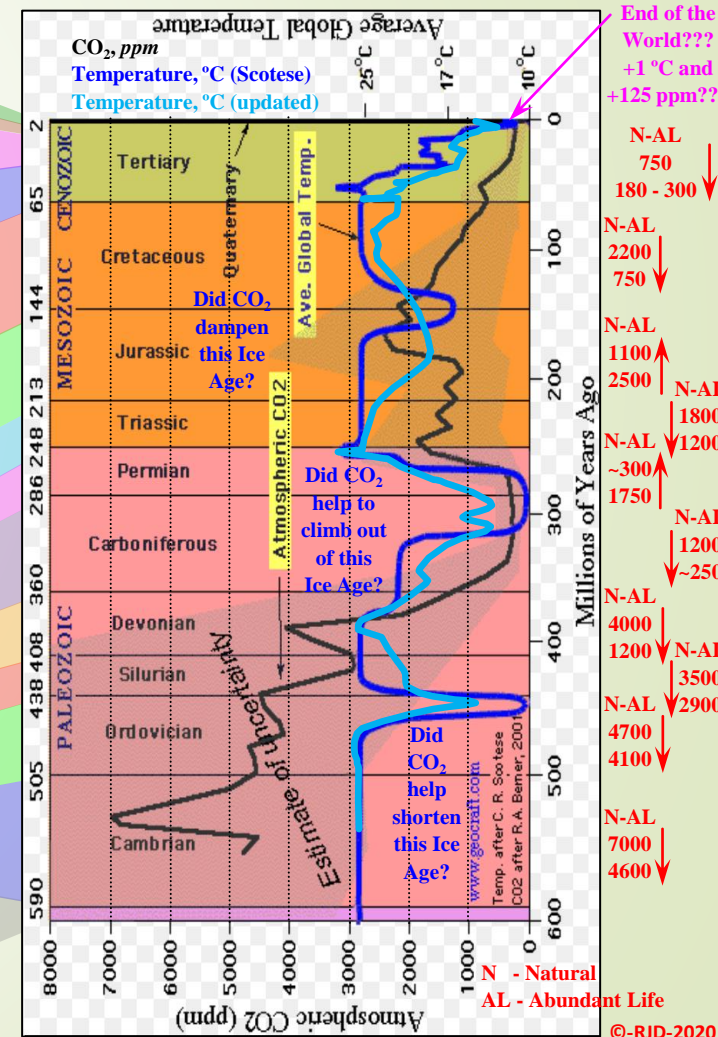
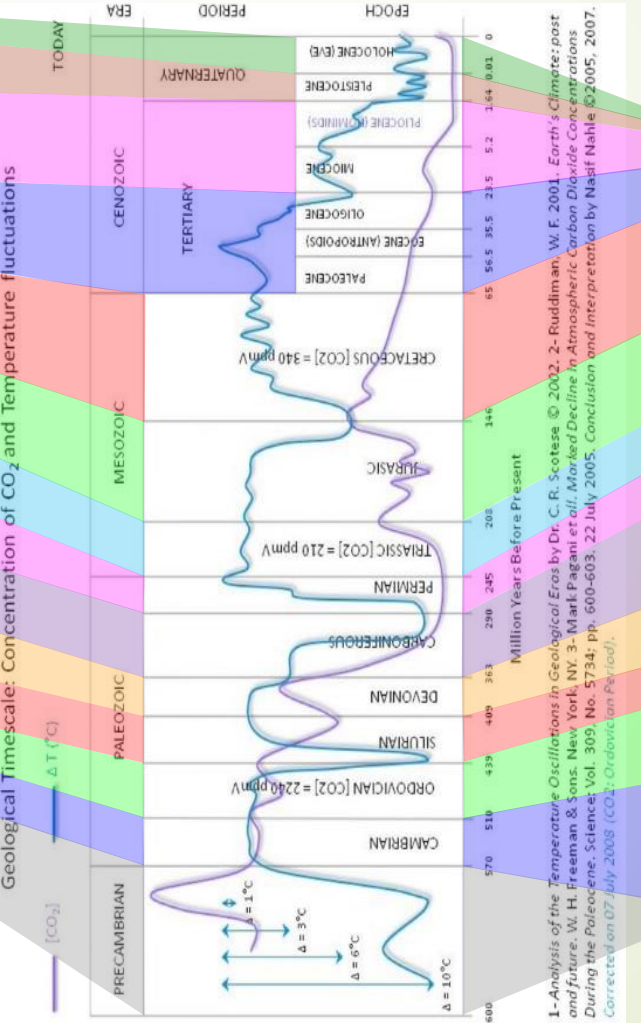
Temperature Distributions
Range (12 °C to 25 °C)
Last 150 years
+1 °C (not dangerous, Natural-N and Man Made)

Danger!!
Danger!!

Unhinged CAGW Alarmism

CO₂ Distributions
Last 150 years
Man Made
275 - 400 ppm
Abundant Life - AL

Danger!!
Danger!!



More detail? climatechangeandmusic.com

©-RID-2020