plants die at that level. That is where we were headed!

CO, levels have steadily declined (with some major volcanic recharge events) over the last 550 million years as the cycle of life pulled CO, out of the atmosphere, depositing it out as carbonate rock and hydrocarbons within the earth's crust. Since 175 million years ago, CO<sub>2</sub> levels have continually declined until humanity's geologically modest recharge event. Without us that decline would have continued, wiping out all life within 2-5million years. Liberating the trapped solar energy in oil, gas and coal has fortuitously released desperately needed atmospheric CO<sub>2</sub>, giving the planet a new lease on life!

Changing CO, **Concentrations** Are Dangerous

The modest warming and fertilizer effect from CO<sub>2</sub> will be beneficial.

CO, climate sensitivities are just not high enough to lead to dangerous temperature increases (CSS-3).



Antarctic CO2 Concentration Profile - Vostok Ice Core Data

