

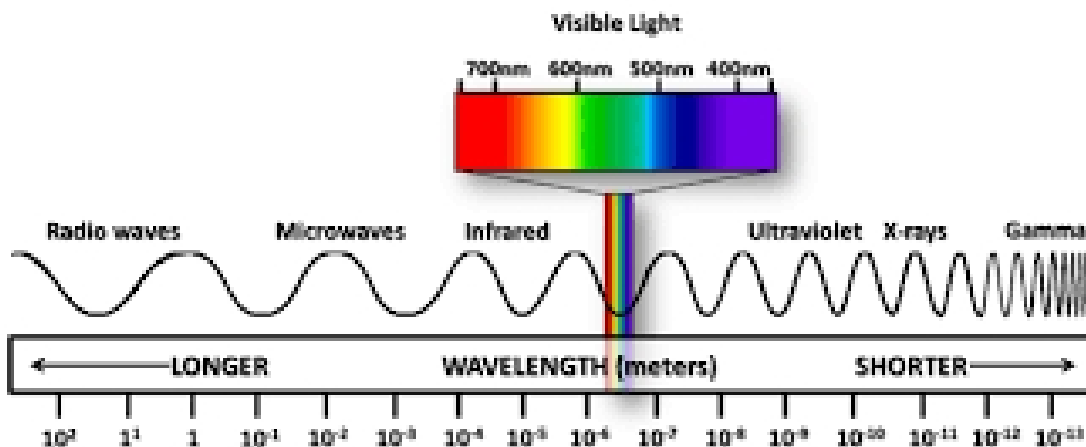
We are witnessing how mass Media hysteria presents Global Warming as the end of the World. Mass media and selected scientists have succeeded in convincing the majority of people that CO<sub>2</sub> is acting like a blanket, which is trapping the heat that is coming from the Sun and this is warming our planet at an unprecedentedly dangerous rate. Recently the Establishment started passing draconian legislation to force the citizens of the World to tighten their belts and pay more for energy and food in order to prevent an imminent climate catastrophe. They start banning synthetic fertilizers as “Dangerous substances” for the future of humanity. The Elite start taxing even the domestic animals because they are emitting Methane and also “warming” our planet. The Elite is preparing a financial system of “Carbon Trading” where “They” will decide for each factory, each industry, and each household how big a “Carbon Footprint” they will be allowed to have. In the name of saving the Planet, they will restrict our traveling and lock up the citizens to live in a “15-minute City”. On the surface, these measures look like a credible attempt to prevent a global catastrophe, but as usual, the truth is not the one, which our corrupt governments are giving us.

The “Carbon Trading” scheme is no more or less a money extortion system on a global scale! The Elite want to have unlimited rights to tax each company and each household in the World! They want to be a “middleman” and collect a percentage of each carbon trade transaction. They want the power to ban and close each company or economic activity that they choose. They want to determine how much power each of us uses, and how many food calories we will be allowed to consume. They want to determine even what kind of food we will be allowed to eat! They start promoting eating insects instead of meat.

Such unlimited power over the industry and the life and freedom of the citizens of the World until the present day no one dictator ever had. – And exactly this unlimited method of control is behind the agenda of the “Global Warming” hysteria!

Let's see the scientific facts behind the concept that CO<sub>2</sub> is warming our planet at an “unprecedented” rate.

I will start with an explanation of what Light is: Everything on the diagram below - from radio waves to gamma rays is a Light. The difference is only in its frequency, which corresponds to the energy with which the Light is carried.



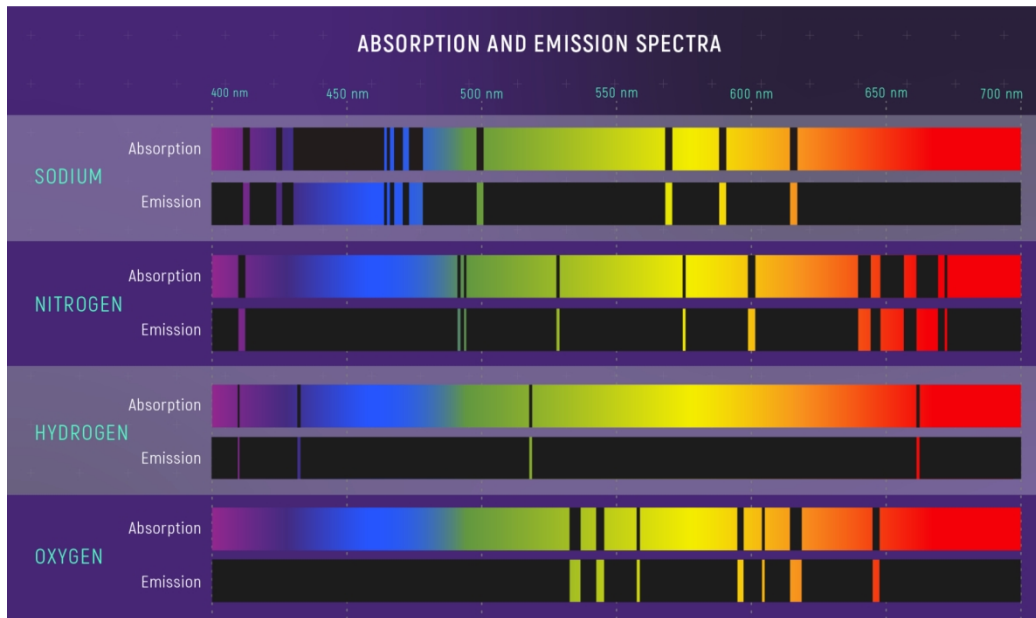
When the light hits an object significant part of the light is reflected and this is how we are able to see the

objects around us. Two-thirds of Earth's surface is dark ocean water, which is not very reflective and absorbs a significant part of the sunlight. Big difference in sunlight reflection we have with the white areas of the North and South poles, in which the snow cover, is reflecting back in space about 90% of the coming Sunlight. A similar situation we have with the white cloud cover of the planet. The white clouds are reflecting back in space up to 80% of the coming sunlight. In addition to their reflection, the water evaporation of oceans takes a significant amount of heat from the ocean water, raising it to the stratosphere and emitting the heat into Space. As much the Earth is warming, the water evaporation is increasing proportionately, cooling the oceans and increasing the amount of the reflecting white cloud cover. This is a powerful heat balance mechanism of Nature that is controlling the Earth's temperature.

To have a credible conclusion we need first to understand the physical mechanism of light and heat absorption by elements, materials, and gases.

Visible light is only a narrow band from the light spectrum. (See the image above)

Solid, liquids, and gases are made from atoms and molecules. These atoms and molecules have their specific rate of vibration – (Frequency). The process of heat absorption or emission is the absorption or emitting of photons with the specific frequency of the element, material, or gas. When absorbing heat atoms and molecules increase their rate of vibration. This phenomenon is used by astronomers to determine the chemical composition of the elements in the stars and nebulae. When the incoming light from the Stars passes through a prism we observe spectral dark lines. These dark lines correspond to the frequency at which the element's molecules are absorbing and vibrating. When light passes through some element, its atom absorbs a specific frequency (part of the light) and after that re-emits the photons in all directions. - This is the reason for the so-called spectral lines. (See the diagram below)

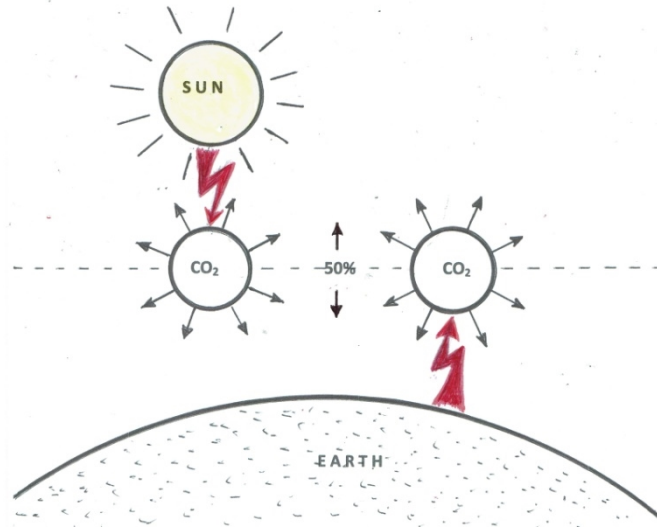


What physical mechanism does CO<sub>2</sub> have as a heat-trapping gas?

CO<sub>2</sub> absorbs and re-emits only **part** of the infrared light spectrum – (the spectral line only). This is similar to a radio receiver. The radio is tuned on a station with a specific narrow band of frequency. It is a similar situation with CO<sub>2</sub> – It is “tuned” only on the range of the spectral lines (see the image above). The claim that CO<sub>2</sub> is “tuned” on the entire band of the infrared spectrum is a Lie! –

We have to understand that CO<sub>2</sub> is absorbing and re-emitting only a narrow band of frequency!

We know that the Sunlight travels in one direction only. When the light hits a molecule of CO<sub>2</sub> this molecule absorbs part of the infrared spectrum and re-emits it back in all directions. – That means that when the Sunlight enters the Earth's atmosphere, some of the heat carried by the infrared light is stopped and re-emitted back into Space! – For this function of CO<sub>2</sub> as a stopping Sun's heat mechanism our (paid) Scientists are muted! – They never take it into their consideration! - Why?



Regardless of light direction CO<sub>2</sub> is emitting in all directions – 50% up and 50% down  
CO<sub>2</sub> Absorbs only a narrow band of the infrared spectrum! CO<sub>2</sub> is not absorbing and re-emitting the entire infrared band! Regardless of where the light (Heat) is coming from, CO<sub>2</sub> is re-emitting the heat in all directions!  
CO<sub>2</sub> is not “trapping” all the heat - how the media insist! Co<sub>2</sub> is dispersing the heat in all directions! That means that CO<sub>2</sub> is stopping and sending back in space 50% of a narrow band of heat coming from the Sun and in the same way CO<sub>2</sub> is sending back toward Earth only 50% of the narrow band of infrared frequency which Earth is emitting!

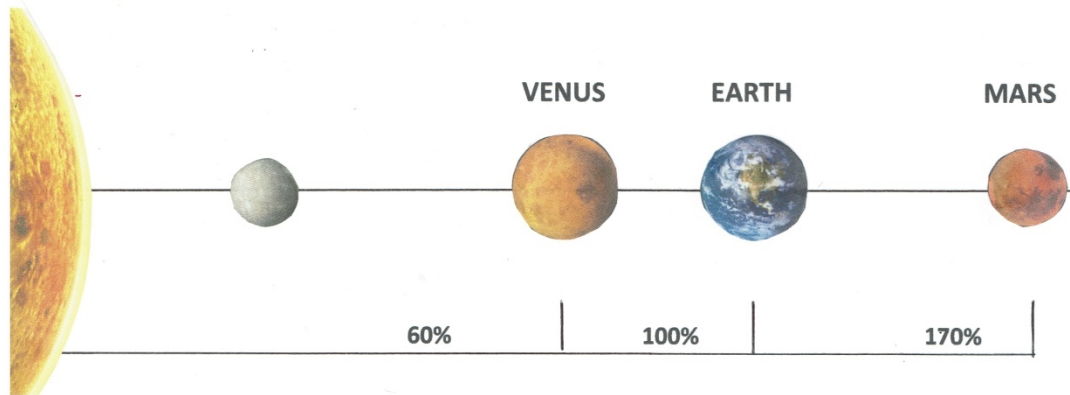
How much CO<sub>2</sub> is in our atmosphere? - It is about 0.04%.

Having all these facts in front of us we can make an approximate estimation of how much heat CO<sub>2</sub> is sending back into space, and how much heat is sending back toward Earth's surface. It becomes obvious that CO<sub>2</sub> cannot send back more heat toward Earth's surface than the heat that CO<sub>2</sub> stops and sends back into Space!  
Is there some other greenhouse element in our atmosphere? – Yes! H<sub>2</sub>O – (water vapor). How much energy is necessary to evaporate water? To evaporate 1 gram of water is necessary 540 calories. The average daily energy needs of one person are about 2,000 calories. That means that our daily energy consumption can evaporate only 3.7 grams of water! This example can tell you how powerful the system of heat absorption and heat emission on our planet is! The average water vapor in the atmosphere varies between 2% to 4%. For comparison, the CO<sub>2</sub> is only 0.04% and this 0.04% works in both ways – stopping and emitting back in space 50% of the coming heat from the Sun.

We have to take into account that part of the Sun energy is absorbed by plants and is transformed into biomass. – That's why the deserts are incredibly hot daytime because there are no plants.

We have to realize that water evaporation of the oceans is a very powerful heat balance mechanism! As the more the temperature rises, the more the oceans are evaporating! This effectively takes the heat from the ocean water, raises it in the upper atmosphere, and emits it into Space! The white clouds are incredibly reflecting shields that send a large amount of sunlight back into space! The temperature of Venus is +460 C<sup>o</sup>.

Earth's temperature is about +15 C°. Mars's temperature is -65 C° but this is a result of a lack of atmosphere. In the past, when Mars had a much thicker atmosphere, there were rivers, lakes, and oceans of liquid water... but Mars is 70% further away from the Sun! Why does Earth have a similar temperature to Mars? The temperature of the planets should be proportional to their distance to the Sun, but is not! - the Earth is about 300 C° cooler than should be! - What the reason for this anomaly is?



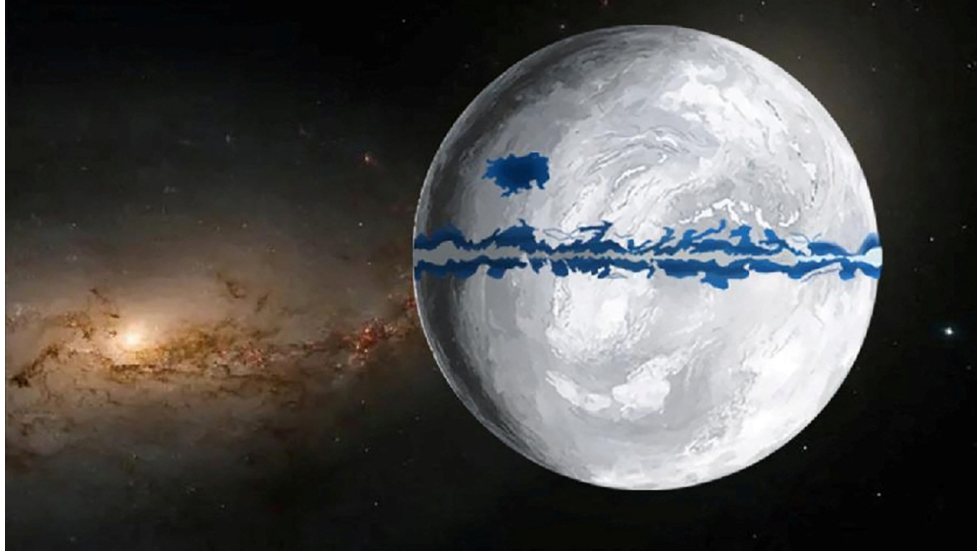
This is a result of the powerful natural temperature balance of our planet. The main factor of Earth's temperature balance is the ratio between reflecting cloud cover and dark ocean water. Any temperature increase triggers additional water evaporation which is cooling the atmosphere and producing highly reflecting cloud cover. CO<sub>2</sub> is an insignificant factor, which cannot make any measurable difference as a global warming factor! – Much bigger impact on the Earth's temperature playing the volcanic activity. The pyroclastic eruptions are pumping large quantities of fine dust into the stratosphere, which stays there for a few years and is acting as condensation seeds for cloud formation on a grand scale. A major role in cloud formation is making the electromagnetic charge or electromagnetic saturation of the atmosphere. The strong electromagnetism polarizes the air molecules and they start acting as condensation “seeds” for the water droplets. This effect currently is used by the militaries of the greatest Countries to alter the climate in some regions. This climate alternation currently is used as a weapon to destroy the agriculture of “Unfriendly countries” by creating enormous floods and severe droughts. These shameless activities also are hidden from the public under the military “Secrecy Acts” The biggest deception and harm to humanity is the propaganda, that the Sun produces its heat due to nuclear fusion. I am sorry but I understand Physics and I can tell you that there is no such natural physical mechanism able to control nuclear fusion and prevent the Sun from exploding like an enormous Hydrogen bomb. In a nuclear fusion reactor, the hydrogen is delivered in small quantities, but in the Sun such a mechanism does not exist!

The truth is that the Sun has an incredibly strong magnetic field and the Sun is rotating in the much stronger magnetic field of the Galaxy. The cancellation of these magnetic fields is the real source of the Sun's heat! Our climate cycles are dependent mostly on Sun's activity and our Sun is traveling through the magnetic field of the Galaxy. The strength of the magnetic field of the Galaxy is varying! - Depending on the local strength of the galactic magnetic field where the Sun is passing, the Sun produces more or less energy. – Exactly this is the reason for the major climate changes as the repeated ice ages and warm periods of the past.

We have to understand that Carbon Dioxide (CO<sub>2</sub>) is a life-supporting substance – this is the plant's food. Plants absorb the Carbon (C) from CO<sub>2</sub> and Hydrogen from water. Under the sunlight, photosynthesis is fusing these elements into - (Carbohydrates) for the plant's body. The Oceans and the minerals of the Earth's crust constantly absorb the CO<sub>2</sub> and if the volcanoes do not replace the diminishing CO<sub>2</sub> very soon the CO<sub>2</sub> will reach

the level of 180 parts per million, which will spell the end of Earth's life.

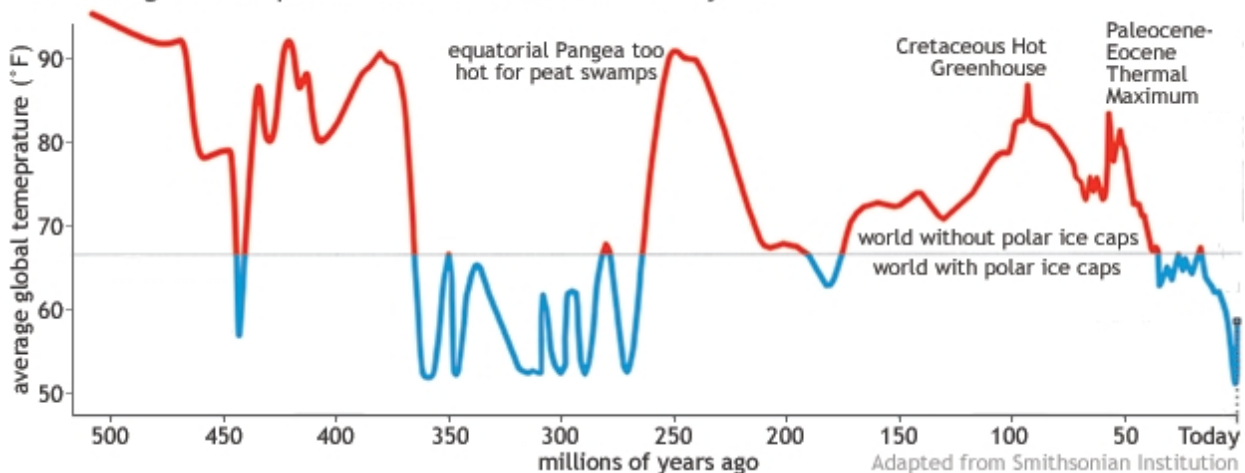
The most dramatic period in Earth's history is the period between 720 and 620 million years ago when for some reason the level of Oxygen rose and CO<sub>2</sub> dropped. The Earth has been completely frozen as a solid ball of ice. The white and highly reflective Earth's surface sent back into space 90% of the coming Sunlight and this was looking like a permanent situation from which there was no way out. This period is called "Snowball Earth" when 95% of all life on the Planet has died out. Fortunately, about 600 million ago, the renewed volcanic activity managed to pump out a vast quantity of CO<sub>2</sub> and ash, which darkened the Earth's surface, this managed to melt the ice cover and liberate the Earth from the icy grip of certain Dead!



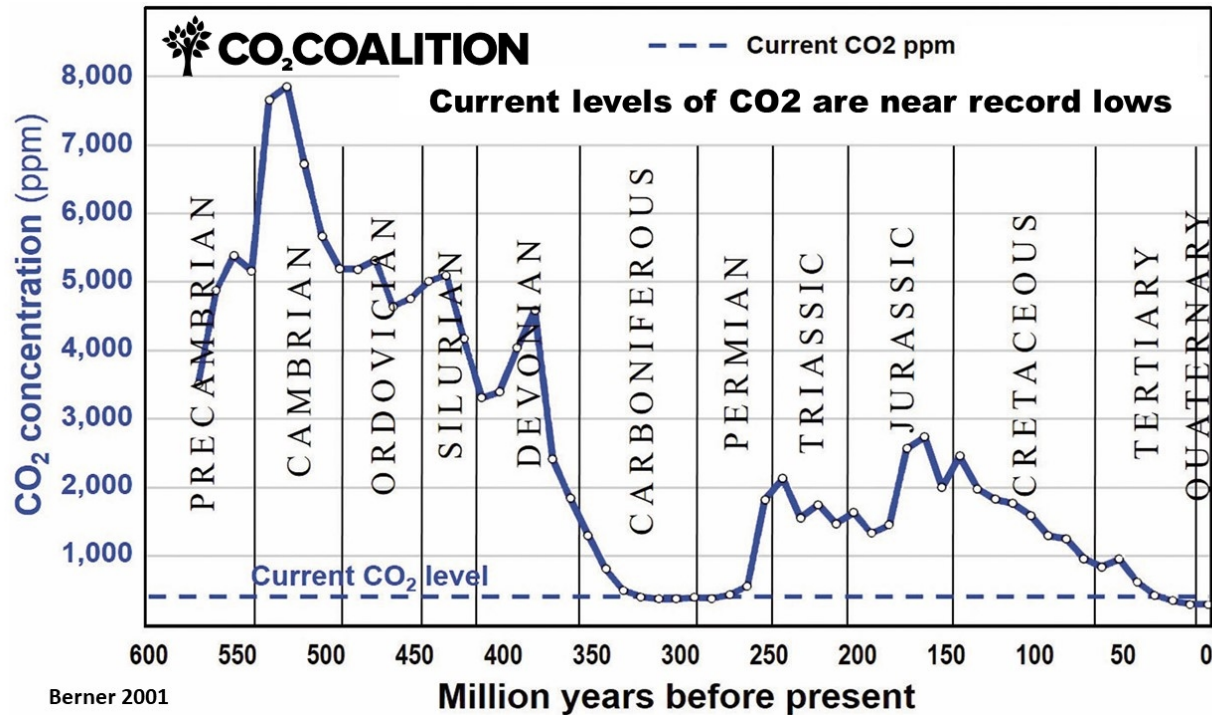
This is how was looked Earth when the concentration of CO<sub>2</sub> was low

In the exact opposite, the happiest period in the Earth's history has been the periods marked with a red line in the graph below. At that time the concentration of CO<sub>2</sub> has been a few times higher than present. The climate on Earth wasn't been extremely hot and dry, as some modern "scientists" predict, but it was warm and humid with substantial protective cloud cover and the planet was teeming with life and vegetation which was covering even the Tundra and Antarctica. In such warm conditions, the first complex cell organisms have arisen. This is because CO<sub>2</sub> is a life-giving substance! CO<sub>2</sub> is the food for the plants! The richest bio-diversity has happened in the Cambrian "Explosion of Life" when the CO<sub>2</sub> has been 20 times higher than present! We don't have to be afraid to live again in climate conditions that support the richest ecosystem in the Earth's history. Rising of CO<sub>2</sub> is not a "Doom Day" scenario, but is the exact opposite!

Estimated global temperature over the last 500 million years



If CO<sub>2</sub> is dictating the Earth's temperature, this graph and the graph below must be identical, but they are NOT!



On this graph is visible that in the past the concentration of CO<sub>2</sub> has been up to 20 times higher than in the present, but this didn't make a negative impact on Earth's life.

We are lucky that Earth has such a powerful heat balance mechanism, but this doesn't mean that we have to act as vandals and pollute our planet! It is exactly the opposite! – We have to be real guardians of our home. We should make honest and informed decisions before taking dramatic actions that are destroying our industry, our food production, and our way of life!

Valentin Malinov