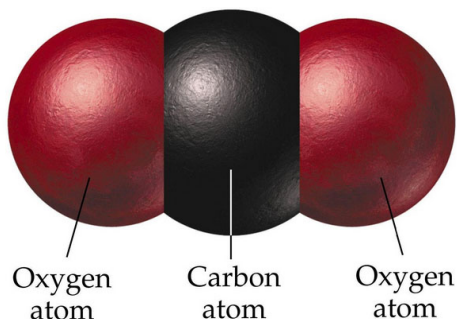


# Twenty Facts About Carbon Dioxide (CO<sub>2</sub>)

Written by Dr Darko Butina

Twenty facts about CO<sub>2</sub> that have been kept 'top secret' by the man-made global warming community

By **Dr Darko Butina**



1. We know everything about physico-chemical properties of CO<sub>2</sub> there is to know since its discovery 200 years ago, and categorical statement can be made that the physico-chemical properties of CO<sub>2</sub> in its pure state, including IR properties, have nothing to do with its properties as part of the mixture called air.
2. We know that no gas molecule of the open system, as our atmosphere is, can possibly control temperature.
3. We know that there are two very different mechanisms that drive dynamics of CO<sub>2</sub> exchange between **air-water** and **air-biomass** and therefore there is no such thing as global levels of CO<sub>2</sub>. Levels of CO<sub>2</sub> above the water mass, covering 70% of the Earth surface is controlled by solubility of CO<sub>2</sub> in water which is solely driven by temperature; while levels of CO<sub>2</sub> above the biomass that covers most of the land surfaces is solely driven and controlled by photosynthesis.
4. We know that the only way to know exact numbers about CO<sub>2</sub> concentrations above the water and biomass surfaces is to measure them at the surface levels, which we do not do, and therefore use of CO<sub>2</sub> levels measured at a single point on the globe and at 4000 meters altitude (Mauna Loa Observatory, MLO, at Hawaii) represents one of the most miss-used high accuracy dataset in the history of modern science.
5. We know that the total emissions/reabsorption of CO<sub>2</sub> by nature makes emissions of CO<sub>2</sub> by burning fossil fuels totally insignificant and lost in the instrumental accuracy levels.
6. We know that the levels of CO<sub>2</sub> that we live amidst in our everyday lives have nothing in common with the observed CO<sub>2</sub> levels at MLO based at an altitude of 4000 meters above sea level.
7. We know that there is no difference between CO<sub>2</sub> levels accurately measured 200 years ago and last year – they all go up and down depending when and where you measure them.
8. We know that there is no possible correlation between CO<sub>2</sub> levels dissolved in water in its liquid state and CO<sub>2</sub> levels found in ice, i.e. water in its solid state.
9. We know that it is CO<sub>2</sub> that makes major contribution to the width of tree rings. So, no CO<sub>2</sub> means no tree rings and no life.
10. We know that the human body ignores CO<sub>2</sub> levels in air when breathing in and the only function of breathing out is to get rid of CO<sub>2</sub> that is created in every cell of the human body by the complex bio-chemical process that maintains life.
11. We know that CO<sub>2</sub> levels would need to reach concentration in air of 60,000 ppm (from current levels of 390 ppm) to become toxic for humans.
12. We know that every single molecule of CO<sub>2</sub> is surrounded by 2500 molecules that are NOT CO<sub>2</sub> and therefore any theoretical blanket built from CO<sub>2</sub> fibers that supposedly is surrounding the Earth is practically made of NOTHING.
13. We know that every single molecule of CO<sub>2</sub> is surrounded by 2500 molecules that are NOT CO<sub>2</sub> and therefore one has to offer some explanation as to what those 2500 'other or NOT-CO<sub>2</sub>' molecules are doing while 1

molecule among them is receiving and 'back radiating' all that heat energy.

14. We know that every molecule of CO<sub>2</sub>, irrespective of which source it comes from, can go up-and-down (in Z-axis) due to its molecular weight, its heat capacity and its solubility in water (rain or snow) and along (X-Y space) carried by wind. Therefore someone has to be able to explain: how does a molecule of CO<sub>2</sub> generated by an SUV in Los Angeles gets transported across 2500 miles of water mass to Hawaii and then go up another 4000 meters, while avoiding all the biomass available within few miles of land surface in California and all the water mass along its journey to the CO<sub>2</sub> detector at MLO, Hawaii?
15. We know for certain that at 200 ppm of CO<sub>2</sub> plants stops growing and that the optimum levels for plants grow is between 1300 and 1500 ppm, and yet the advice to all governments around the globe is to commit mass suicide of all species by reducing CO<sub>2</sub> concentrations to 200 ppm levels.
16. We know that there is no difference whether we grow or dig fuel in terms of CO<sub>2</sub> emissions, we know that CO<sub>2</sub> emissions from burning fuel are irrelevant to the CO<sub>2</sub> dynamics of emissions/absorption and yet we use our precious food-growing surfaces to grow fuel and thus create famine and kill life.
17. We know that there is no such a thing as self-heating greenhouse and yet new theories have been invented to argue something that cannot be argued.
18. We know that there is nothing in common in IR spectra between CO<sub>2</sub>, methane and water and yet they have been classified together as 'greenhouse gasses' because they absorb infrared radiation, together with millions of other molecules.
19. We know that CO<sub>2</sub> in the atmosphere could not be detected by a standard IR-spectrometer and yet that property of CO<sub>2</sub> has been used to argue for the existence of a greenhouse effect.
20. We know that all the knowledge about the physical world comes from experiments that can be validated and not from calculations that cannot be validated. And yet, everything about man-made global warming is about calculations and NOTHING about measurements.

