

<u>Energy Course Level 1</u> <u>CO2 Emissions</u>

Infowar School

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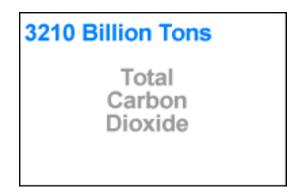
Emissions and CO2

You can read about the benefits of CO2 in level 3 of the environment course and you can read about how CO2 is not harmful in level 4 of the environment course. That may be a surprise to you if you haven't read the environment course yet but it's true. Level 1 of the environment course tells us how the N.W.O. are using CO2 to deceive us as part of their plan.

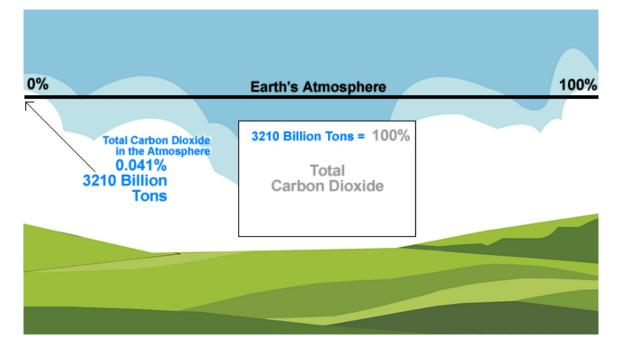
The important thing to know is that CO2 is not a danger to heating up our planet. That means we have all the energy we need for everyone on Earth to live in peace and prosperity. We have to be careful about the other emissions from coal, natural gas and oil and we already know how to do that. We should still look for ways to be more efficient and clean but worrying about CO2 like its going to destroy the planet is not realistic and wasteful. The N.W.O. are spraying millions of tons of aluminum nanoparticles into our atmosphere which is a real danger to the Earth and life on it. That topic is covered in level 2 of the environment course.

The Total Amount of CO2 in the Atmosphere

There was 3210 billion tons of CO2 in the atmosphere in 2018.



Compared to the total volume of the Earth's atmosphere, all the CO2 in the atmosphere in 2018 was 0.041%.



<u>Carbon dioxide in Earth's atmosphere</u> https://en.wikipedia.org/w/index.php?title=Carbon_dioxide_in_Earth

%27s_atmosphere&oldid=1048309221 wikipedia.org 5 October 2021

As of 2018, CO2 constitutes about 0.041% by volume of the atmosphere, (equal to <u>410 ppm</u>) which corresponds to <u>approximately 3,210 gigatonnes of CO2</u>, containing approximately 875 gigatonnes of carbon.

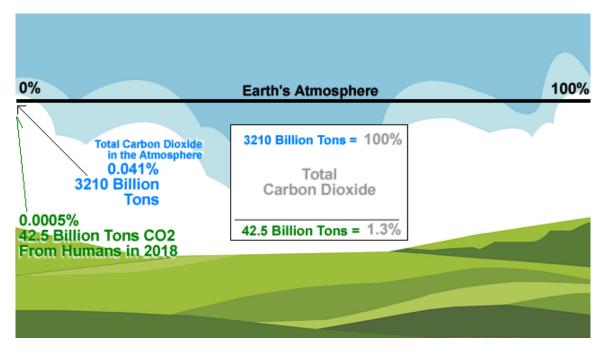
In 2018 humans produced 42.5 billion tons of CO2. The human part of CO2 is 1.3 percent compared to the total amount of CO2 that was in the atmosphere for the year of 2018.



Analysis: Global fossil-fuel emissions up 0.6% in 2019 due to China https://www.carbonbrief.org/analysis-global-fossil-fuel-emissions-upzero-point-six-per-cent-in-2019-due-to-china carbonbrief.org Zeke Hausfather December 4, 2019 Land-use changes, such as deforestation and fires, comprise an estimated

14.5% of total CO2 emissions in 2019, up from 14% in 2018. The remaining 85.5% of emissions are from fossil fuels and industry. CO2 emissions from land use are projected to be 6.2GtCO2 in 2019, an increase of 5% from 2018. Total CO2 emissions from all human activity are an estimated 43.0GtCO2, which is 1% larger than the **2018 value of 42.5GtCO2**.

The volume of CO2 humans produced is 0.00053 percent of the total volume of the Earth's atmosphere in 2018.



Humans Are Not the Primary Drivers of CO2 Emissions

We are told that humans are adding more CO2 to the atmosphere than the world can handle. But during the covid lockdown, human CO2 emissions dropped and the atmospheric levels of CO2 continued to rise. And they rose at nearly the same rate as they did the previous few years. There is a lot more happening than just human emissions causing CO2 to rise. So why shut down our energy sources and create poverty and bad health? It's nonsense. It's about control not saving the planet.

<u>New Study Inadvertently Slays The Narrative: Emissions Reductions From Lockdowns</u> Added WARMING!

https://notrickszone.com/2021/06/17/new-study-inadvertently-slays-thenarrative-emissions-reductions-from-lockdowns-added-warming/

notrickszone.com Kenneth Richard

June 17, 2021

From one year to the next, the gigatons of carbon (GtC) increase from human activity typically has averaged +0.1 to +0.2 GtC since 1900 (Koutsoyiannis and Kundzewicz, 2020). In 2020, however, CO2 **emissions plummeted** and the annual emissions rate fell by -0.75 GtC (see the red bar on the far right). Despite this dramatic decline, the **atmospheric CO2 levels rose by a little more than 2 ppm** in 2020, which is essentially the **same growth total as previous years**.

A new study (van Heerwaarden et al., 2021) finds the "consequent changes to the atmospheric composition and the radiation balance" of "less traffic and industrial activity" resulting from two months (late March to late May, 2020) of Europe's COVID lockdowns led to an increase in aerosol optical depth radiative forcing (a warming influence) of +2.3 W/m². This would be the radiative equivalent of more than +1.1 W/m² per month, which is about <u>65 times larger than the 0.0017 W/m² monthly impact from atmospheric CO2 increases</u>.

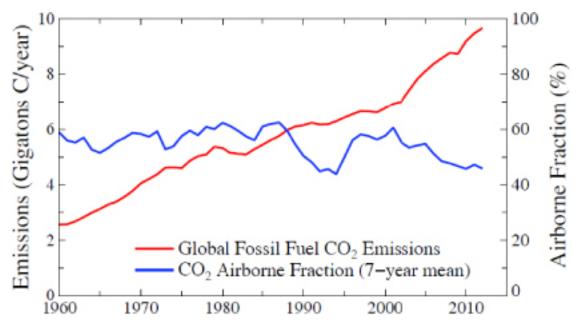
Lack of Correlation between Fossil Fuel Emissions and CO2 Airborne Fraction

Evidence Review Suggests Humans May Not Be the Primary Drivers of CO2 Concentration Changes

https://notrickszone.com/2017/06/29/evidence-review-suggests-humansmay-not-be-the-primary-drivers-of-co2-concentration-changes/

notrickszone.com Kenneth Richard June 29, 2017

According to models, the fraction of accumulated CO2 in the atmosphere from fossil fuel emissions (the airborne fraction) should understandably correlate with changes in fossil fuel emissions. <u>This correlation has not been observed</u>. In fact, as climate activist and former NASA director Dr. James Hansen indicates, the airborne <u>fraction from fossil fuels (blue line) sharply declined after 2000 just as fossil fuel</u> <u>emissions (red line) growth rates doubled from 1.5% per year to 3.1% per year</u> during 2000-2011. In other words, the trajectories went in opposite directions than expected (models) after 2000, and <u>they didn't correlate between 1960-2000 either</u>.



Temperature Changes Are Not Preceded By CO2 Changes

There is a lot of data that shows CO2 does not drive temperature because temperatures change before CO2 changes. This is the exact opposite of what the IPCC tells us. So how can CO2 be controlling the weather? Especially human caused CO2 when there is no consistent and clear coloration between human CO2 emissions and atmospheric CO2 concentration changes.

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Total accumulated fossil fuel emissions growth for the period amounted to 17.4 GtC. And despite this volume of emission, the atmospheric CO2 concentration did not change throughout the entire 12-year period, remaining steady at 311 ppm.

The beginning of their story is not true.

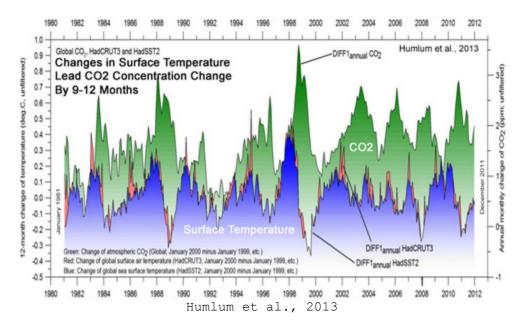
According to the IPCC, our radiative influence on the planet began in the year 1750. And yet between 1750 and 1875, the growth in human CO2 emissions was effectively undetectable. During the same period, the accepted values for atmospheric CO2 grew by nearly 12 parts per million, or at <u>"10 times the rate of cumulative anthropogenic emissions"</u>.

(a) There is a <u>lack of year-to-year correlation between human CO2</u> <u>emissions and atmospheric CO2 concentration changes</u>, whereas there is an observed correlation between year-to-year (and long-term) temperature changes leading changes in CO2 concentrations. (d) During the last few hundred years, there have been multi-decadal periods in which human <u>CO2 emissions</u> and both the accepted atmospheric <u>CO2 concentration</u> and <u>global temperature</u> have been <u>non-correlated</u> or <u>inversely correlated</u> (i.e., 1938-1950, 1750-1875, 1940-1970).

<u>Changes in global atmospheric CO2 are lagging 9.5–10 months behind</u> <u>changes in global air surface temperature.</u>

Conclusion:

"There exist a clear phase relationship between changes of atmospheric CO2 and the different global temperature records, whether representing sea surface temperature, surface air temperature, or lower troposphere temperature, with <u>changes</u> in the amount of atmospheric CO2 always lagging behind corresponding changes in temperature."



Burning Coal

It is possible to burn coal with very little pollution. The exhaust from burning the coal has to be put through a process and vapor and CO2 come out of the exhaust and all you see is white steam. It is harmless and helps the plants grow. It's not the CO2 we have to worry about from coal it's the particles and sulphur and nitrogen oxides. We can remove most or all of those things from the coal emissions. Coal should be one of the sources of energy used by humans to provide us with cheap plentiful electricity that will allow us to build a clean and efficient world. Natural gas should also be used because it is even cleaner than coal and wind or solar energy.

Don't Judge A Smokestack by its Plume!

https://monsol.com/news/post/don-t-judge-a-smokestack-by-its-plume
Monitoring Solutions
E. L. 22, 2021

February 23, 2021

In many cases, what's coming out of a smokestack at a single plant is cleaner and contains less pollution a year than a single farmer who burns a huge pile of scrap wood and vegetation in his open field. It can be cleaner than what a small army of gaspowered weed whackers, or a single house fire put out in terms of pollution.

Additionally, plants install **pollution control devices** after combustion that clean a great deal of the pollutants out of the exhaust before it goes to the atmosphere. There are "scrubbers" that use chemicals and media to **remove SO2 and Mercury**. There are baghouses that remove and collect those pesky **particles of ash** (even the tiny ones). There are **SCR devices** (selective catalytic reduction) that operate much like the catalytic converter in your car that **removes NOx, and more.**

All combustion processes are "hot and wet". Gases coming out of a smokestack are in the neighborhood typically of <u>200-400 degrees F</u>. When this air hits our atmosphere, it <u>condenses and can cause what looks like a huge cloud</u>. In fact, this is **just moisture... water... H2O – not pollution**, and no cause for concern. It's a naturally occurring condensation.

If you've ever seen the large towers in pictures of a nuclear plant, you've seen the huge plumes pouring out of them. Those upside-down funnel shape towers are cooling towers, and what's coming out of them is not even smoke or a product of combustion. <u>It's condensation from the process of cooling hot water.</u>

The United Nations says that China is the model country for reducing emissions and stopping climate change as we saw in level 1 of the environment course. It's only because they admire china's communist dictatorship and not for any reasons connected to protecting the environment as they admit.

Paris-Signing China Cultivates Fossil Fuels Over Renewables As Paris-Rejecting USA's https://notrickszone.com/2018/10/29/paris-signing-china-cultivatesfossil-fuels-over-renewables-as-paris-rejecting-usas-emissions-keepfalling/

notrickszone.com Kenneth Richard October 29, 2018

A little over a year ago, China was hailed as a country that was "stepping up" to combat climate change. After all, the country had <u>agreed to sign on to the Paris</u> <u>climate accord and to emphasize renewables (wind and solar)</u> in new power generation.

<u>China's fossil fuel-based energy</u> production is currently (2018) <u>increasing 3.5</u> <u>times faster than its renewables (wind and solar)</u> energy production as the country phases out renewable subsidies and returns to building more coal plants.

China is by far the top CO2 emitter in the world, by itself accounting for about 30% of the globe's overall yearly emissions.

And in 2017, China again led the world in CO2 emissions increases.

Citing the extraordinarily high costs (a price tag of \$2.4 trillion per year according to the latest IPCC report) and an "unfair" burden to US taxpayers, <u>the United States</u> <u>symbolically rejected the Paris climate accord in June, 2017.</u>

And despite this rhetorical "backing away" from CO2 mitigation efforts, the <u>U.S.</u> continued to lead the world in CO2 emissions reductions during 2017. Natural Gas Has Led The Way In U.S. Emissions Reductions

Why has the U.S. been so successful in reducing its emissions? Primarily because the country has continued replacing coal-fired power generation with much cleaner natural gas, which halves emissions relative to coal as it supplies readily-available and reliable energy 24 hours a day, 7 days a week. <u>Natural gas cuts 2.6</u> times more CO2 emissions than wind and 4 times more CO2 emissions than solar.

Why is china allowed to build coal plants with no restrictions on pollution? Is it to give them an unfair energy advantage so that the N.W.O. can spread communism all around the world? China is already very technocratic with their social credit scores and police state that stops anyone from opposing the government.

<u>What's The Point? In 2020 China Built The Equivalent Of More Than One New Large</u> <u>Coal Plant Per Week</u>

https://notrickszone.com/2021/05/27/whats-the-point-in-2020-chinabuilt-the-equivalent-of-more-than-one-new-large-coal-plant-per-week/

notrickszone.com Kenneth Richard May 27, 2021

There has been a sustained global-scale effort to reduce coal power capacity in recent years. Meanwhile, <u>China's government has been busy loosening restrictions</u> <u>on coal plant construction</u> to power its post-pandemic economy. In 2020, <u>China built</u> <u>over three times as much new coal power capacity as all other countries in the</u> <u>world combined – with no signs of letting up</u> in years to come.

Natural Gas Is Cleaner Than Green Energy

The solutions for saving people all over Earth exist. The UN could do what they have been talking about since their creation. They could bring people out of poverty and save lives but they don't because their goals are to take over the world and reduce the populations of the world. Natural gas is cleaner than wind and solar energy so why don't they just use it in Africa? They don't want to. It's all just talk. Nothing but hot air and lies while they take over and build the N.W.O. and innocent people live in poverty and die as a result of the N.W.O.

Professor: Natural Gas Could Supply 600 Million Africans With Electricity...So Europe, USA Ban Its Use

https://notrickszone.com/2021/06/28/professor-natural-gas-could-supply-600-million-africans-with-electricity-so-europe-usa-ban-its-use/ notrickszone.com Kenneth Richard June 28, 2021 By ending funding for energy infrastructure projects that rely on natural gas, Europe and the United States have executed a "blanket ban" on supplying inexpensive and reliable energy to people living in poor countries.

Banning gas therefore <u>obstructs nearly 600 million Africans from finally</u> <u>achieving access to modern agricultural technology, refrigeration, transportation,</u> <u>hospitals, housing, schools, etc.</u>

This ban on inexpensive and reliable energy in poor countries <u>does not reduce</u> <u>CO2 emissions or mitigate climate change.</u> Instead, banning gas serves to keep people living in poorer countries <u>entrenched in poverty.</u>

Standard Of Living Correlates With Energy Availability Almost One-To-One

https://notrickszone.com/2011/09/08/standard-of-living-correlates-withenergy-availability-one-to-one/

notrickszone.com P Gosselin

September 8, 2011

It should be no surprise that the countries with higher per capita energy consumption also have higher per capita GDP, i.e. far better standards of living. On the other hand, countries that consume very little energy have impoverished standards of living and much misery. It's almost 1 to 1. <u>No country that consumes lots of energy is</u> <u>living in poverty, and no country that consumes little energy is living in</u> <u>prosperity.</u> Of course there are other factors that come into play, such as education and freedom.

Paris-Signing China Cultivates Fossil Fuels Over Renewables As Paris-Rejecting USA's https://notrickszone.com/2018/10/29/paris-signing-china-cultivates-fossil-fuels-over-renewables-as-paris-rejecting-usas-emissions-keepfalling/

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