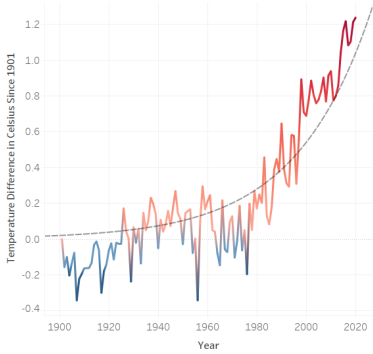
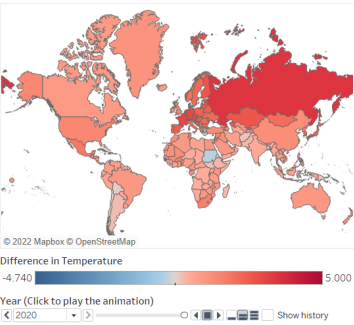


Climate Warming is over, now we are facing Climate Changing.

Temperature Changed Since 1901



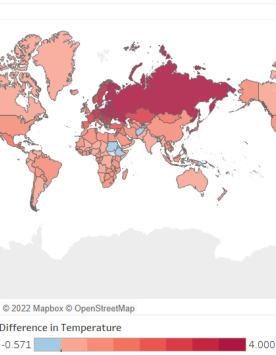
Temperature Difference Animation 1901 - 2020



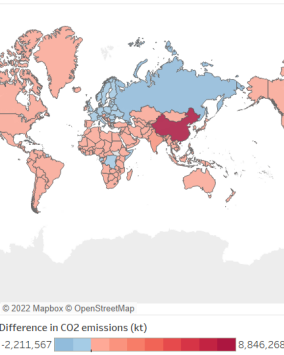
The temperature of the world has been fluctuating. However, the rate of recent changes in temperature shown a clear acceleration.

CO2 has been branded as the main source of climate change. So the solution should be simple right? Reduce CO2? Well, not quite exactly...

Temperature Difference Between 1980 & 2020



CO2 Emission Difference Between 1980 & 2018



Population, total

0 367,219,810

Temperature Difference from 1980 to 2020

Country Name	Temperature Difference
Switzerland	2.910
Hungary	2.820
Slovak Republic	2.790
France	2.710
Belgium	2.700
Serbia	2.690
Austria	2.660
Bulgaria	2.660
Bosnia and Herzego.	2.450
Denmark	2.320
Norway	2.320
Croatia	2.320
Slovenia	2.320
Netherlands	2.320
Montenegro	2.320
Andorra	2.320
Kazakhstan	2.320
North Macedonia	2.320

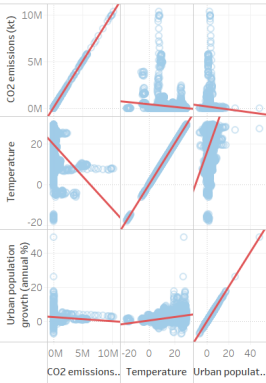
0M 500

Population...

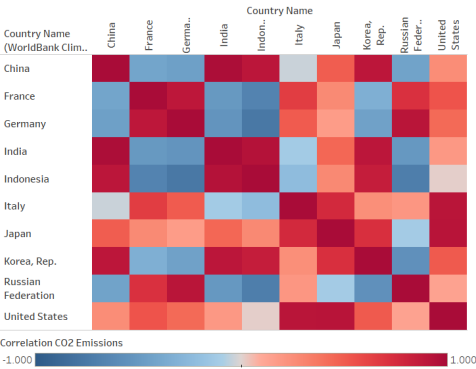
Above visualization shows that the area with decreasing emission of CO2 have increased their temperature. The region in Europe and Russia has been reducing their CO2 emission (though Russia is still one of the biggest CO2 contributor)

The decrease in CO2 does not necessary means problem solved. It is more complicated than that.

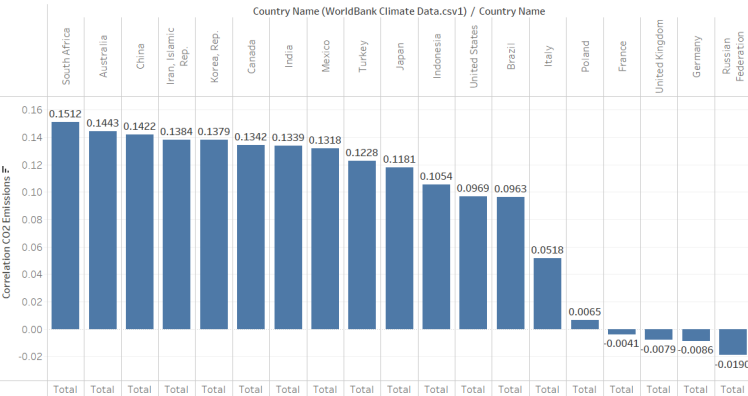
Correlation of CO2, Temperature & Population



Country CO2 Emission Heatmap



Total CO2 Emissions Correlation on Selected Countries



Climate change is more complicated than we might think of. Although correlation of CO2 and temperature is negative, but that the mechanism of how CO2 affects is not as clear as we know on the surface. But the science is clear. 97% of climatologists had agreed on climate change is happening. And humanity has to act fact before catastrophic and irreversible consequences occur.

Additionally, a worth noting thing is there has been decent initiative recently to address these issues. There has been a lot of attention on recent Glasgow's COP26 conference which claimed to made "compromise" deal on climate.