**Climate Change Questions**

1. What exactly do greenhouse gases do?
2. What are the most important greenhouse gases?
3. Apart from it being a greenhouse gas, is carbon dioxide normally thought of as a pollutant?
4. Would the greenhouse effect gradually disappear if the world stopped all greenhouse gas emissions?
5. Without the greenhouse effect, would human life likely have developed on earth?
6. What greenhouse gases are released by the burning of fossil fuels?
7. Is the burning of fossil fuels the only human activity that emits greenhouse gases?
8. Why does the warming globe cause rising sea levels?
9. How could global warming change the location of crops?
10. How does climate change cause flooding in Southern Florida?

**A country’s total CO2 production =**

 **Population × GDP/Pop × Energy/GDP × CO2/Energy**

1. Why does France have a low **CO2/Energy** ratio?
2. Why does China generate a high **CO2/Energy** ratio?
3. Why does China generate a high **Energy/GDP** ratio?
4. Why does the US generate a low **Energy/GDP** ratio?
5. Why is the ratio $\frac{greenhouse gas emissions}{total population}$ much higher in the US than China?
6. Why is the ratio $\frac{greenhouse gas emissions}{GDP}$ much higher in China than the US?
7. Explain why China would support international policy to equate per capita emissions across countries. The US would oppose.
8. Explain why the US would support international policy to equate emissions per unit of GDP. China would oppose.
9. Why weren’t China or India mandated under the Kyoto Protocol to decrease their greenhouse production?
10. Is Kyoto dead?
11. Explain how the Montreal Protocol gave rise to an increase in certain greenhouse gas emissions.
12. Why were the Paris Accords easy for countries to sign on to?
13. What enforcement mechanism does the Paris Accords have?
14. Why are countries finding it easier to reach their greenhouse targets right at the moment?