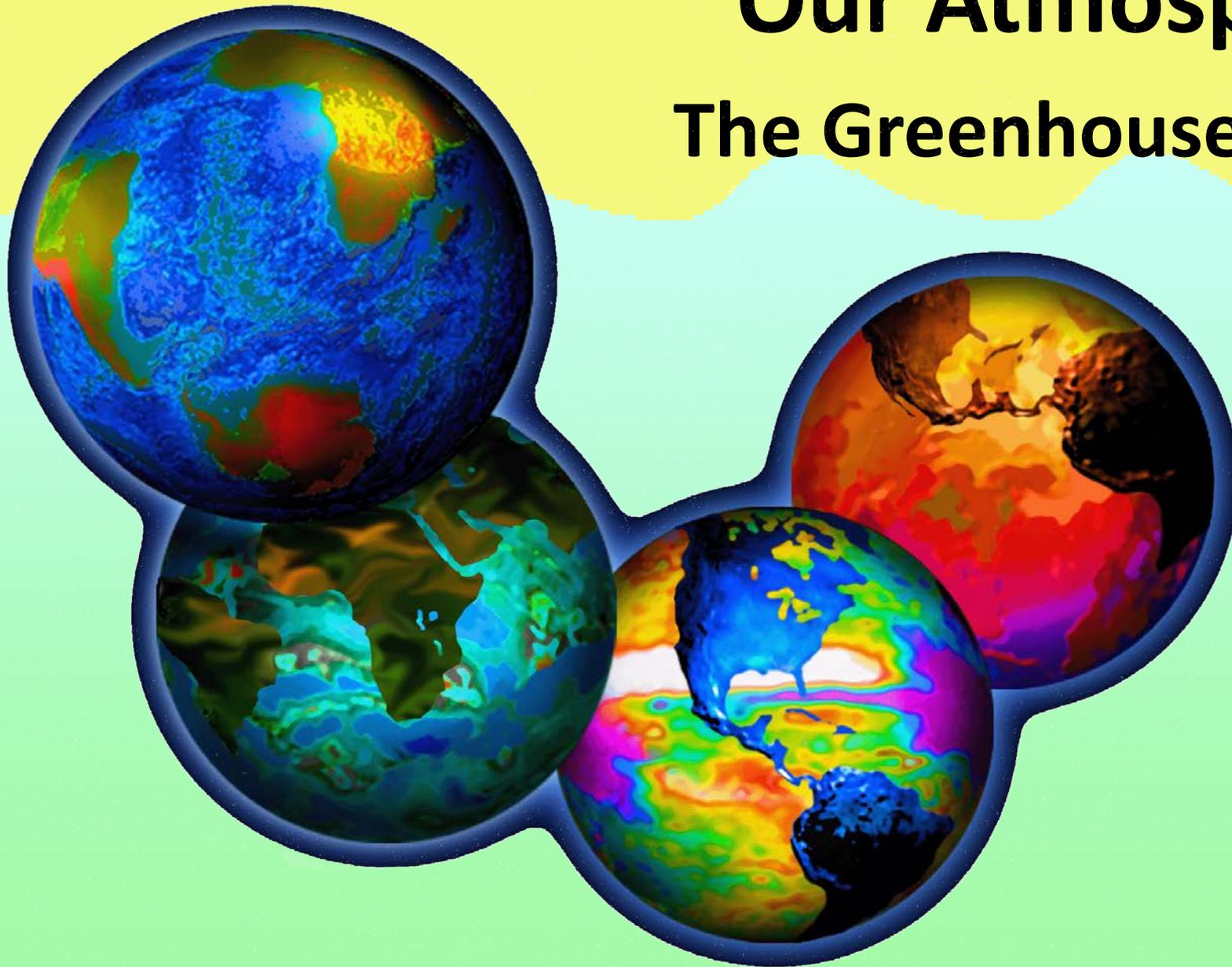
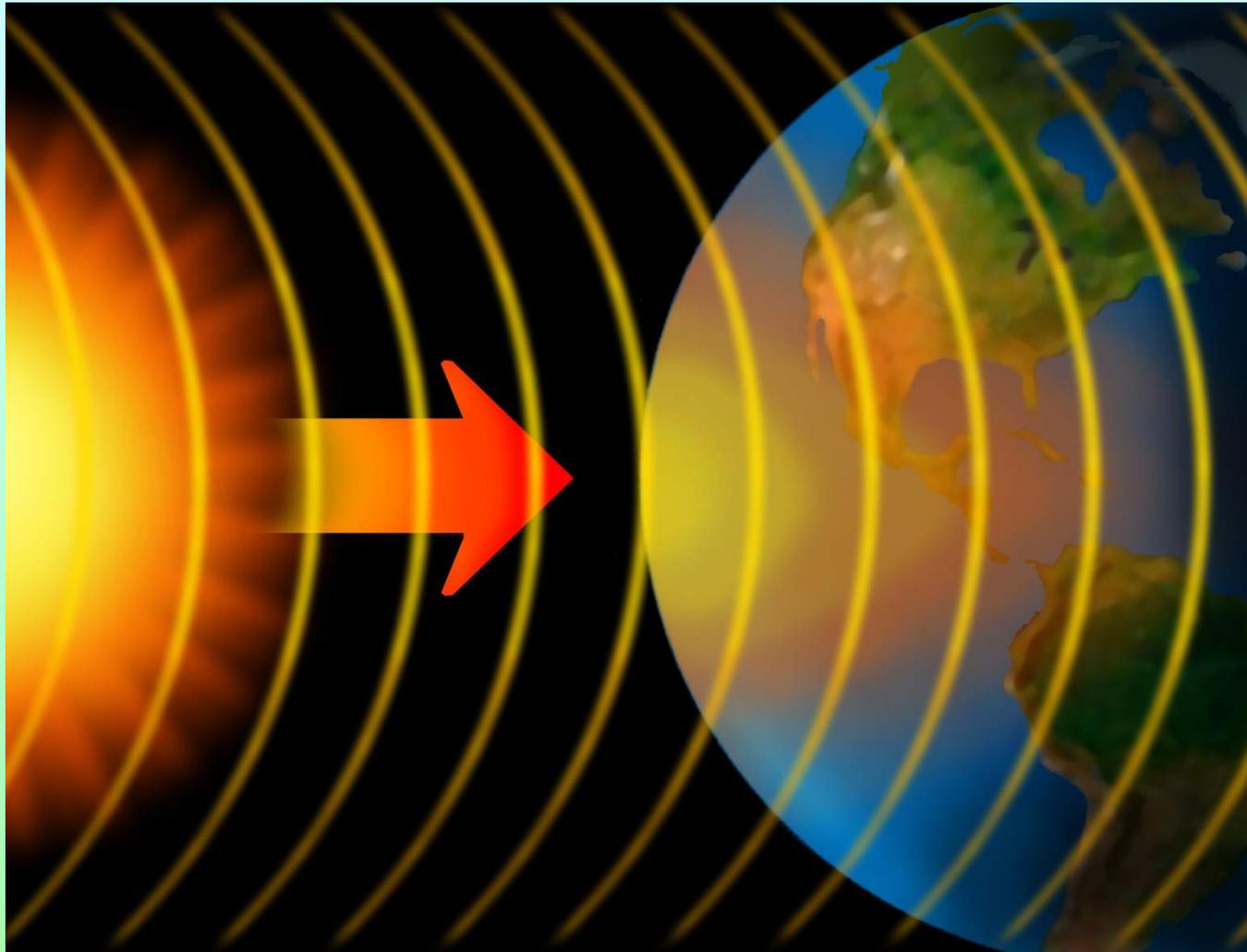


Our Atmosphere

The Greenhouse Effect



The Sun



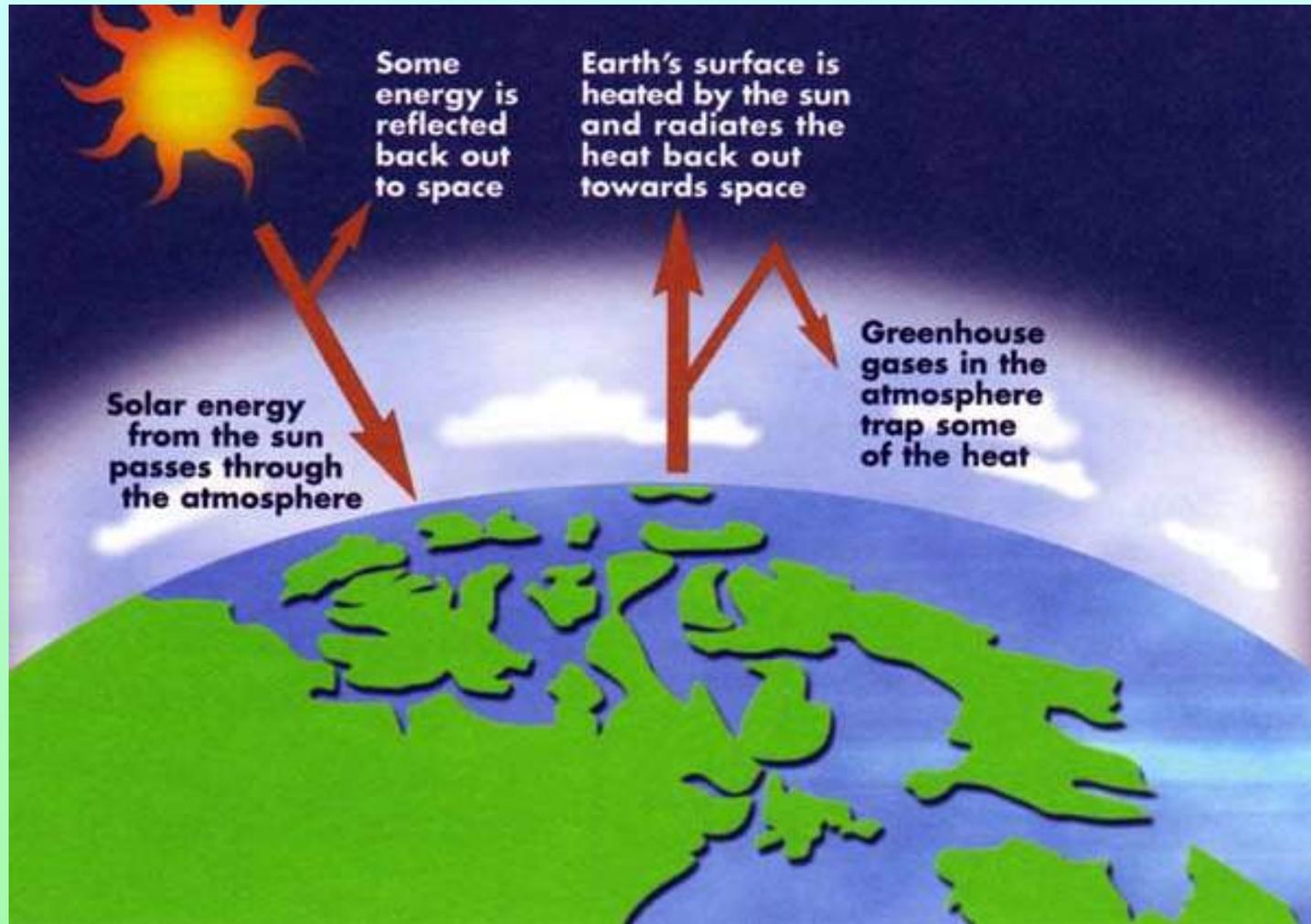
The Sun provides the Earth with continuous heat and light

The Atmosphere



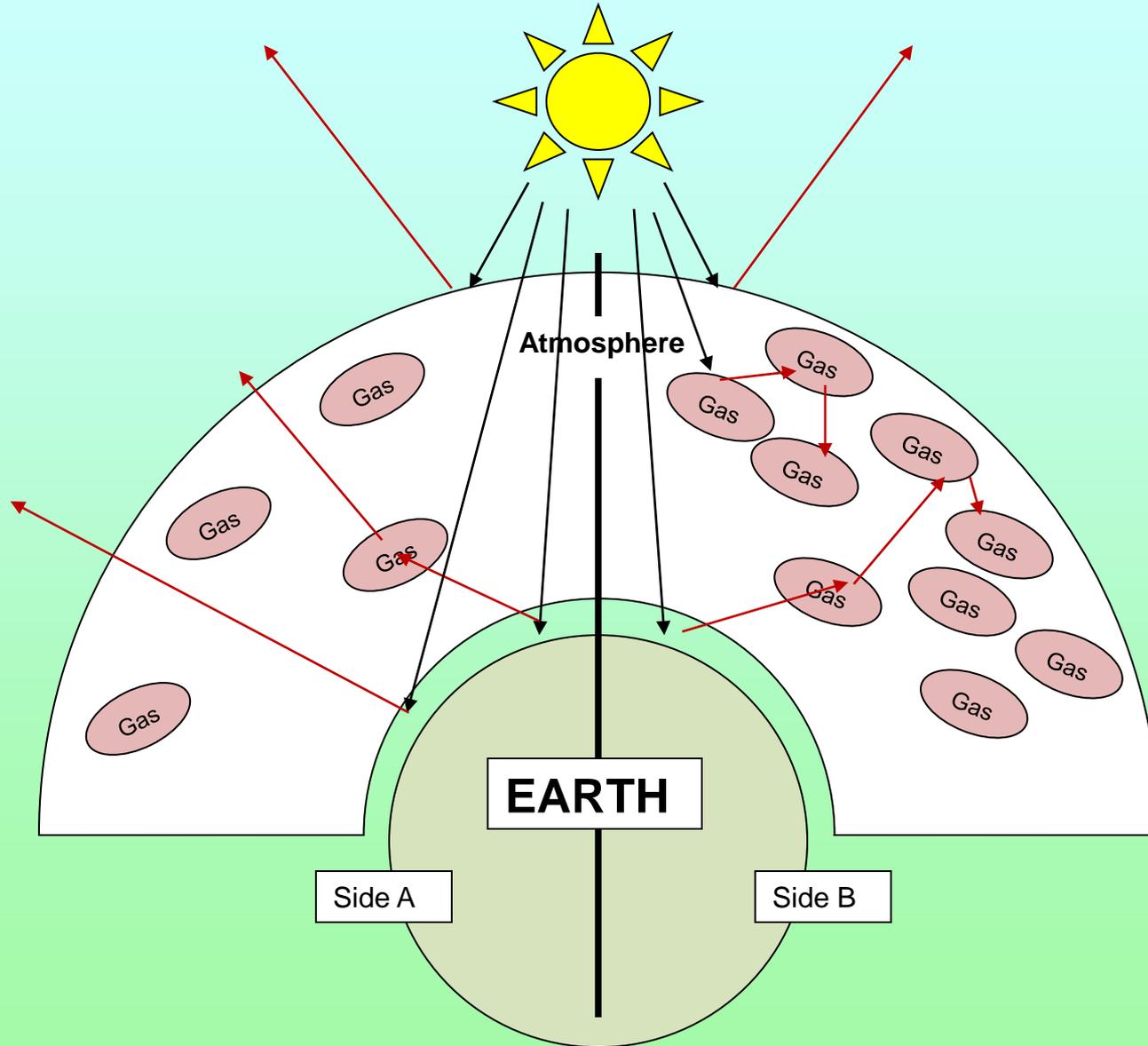
A layer of air which surrounds the Earth

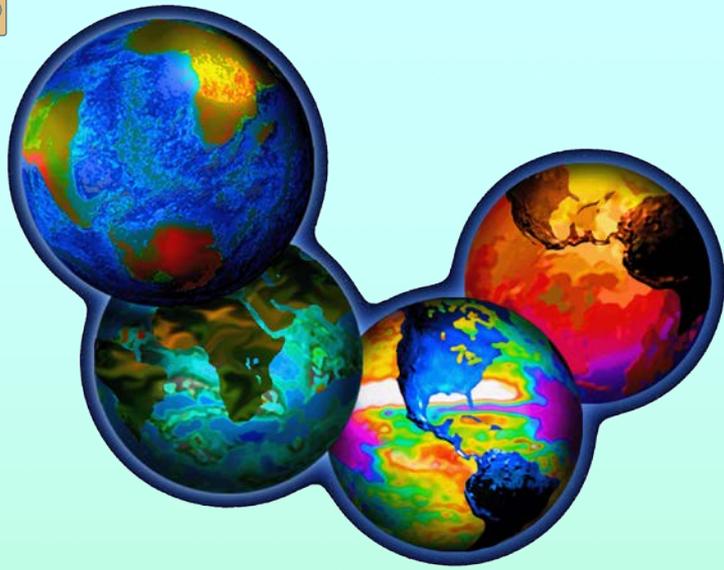
The Greenhouse Effect



Stabilizes the Earth's temperature

Reflection, Refraction and Absorption in greenhouse gases

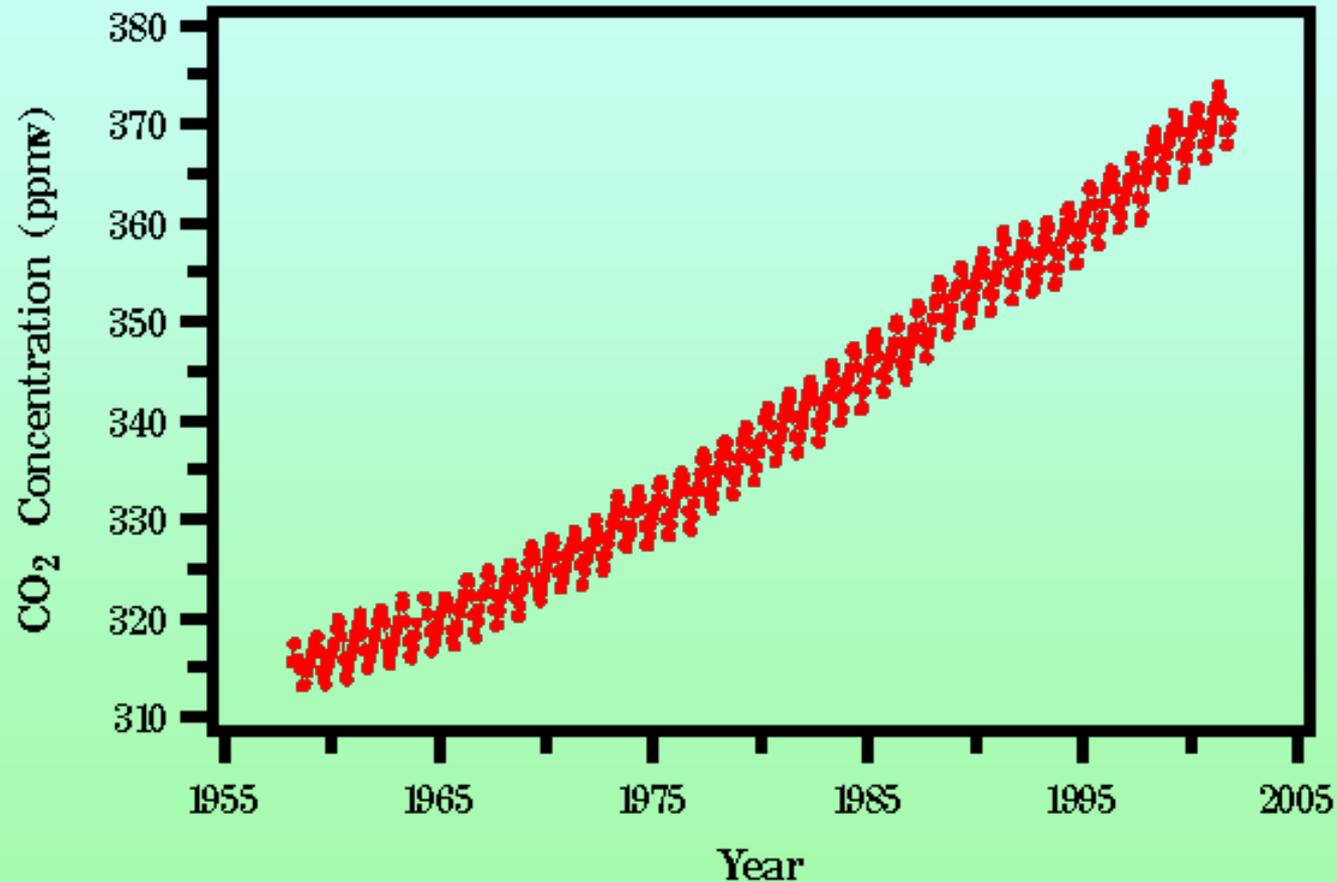




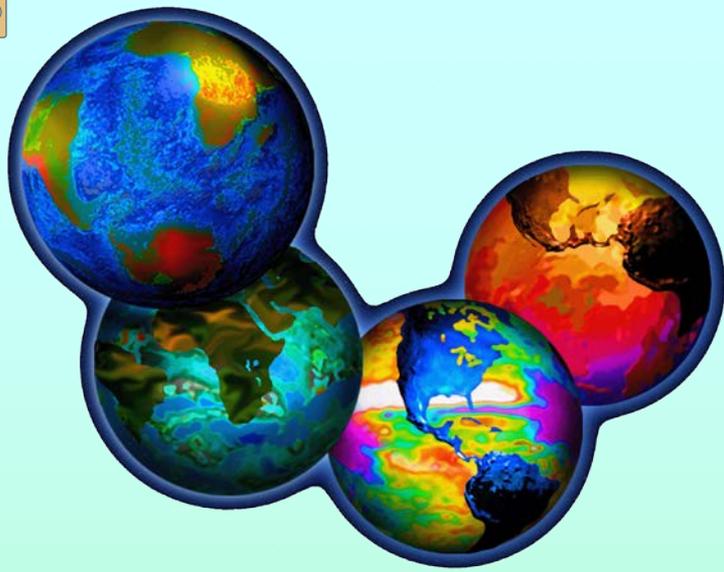
**Is there something happening in
the atmosphere that leads to
climate change?**

Carbon Dioxide Rise in the Atmosphere

Carbon dioxide concentration as measured at Mauna Loa, Hawaii. These measurements represent the globally mixed concentration.

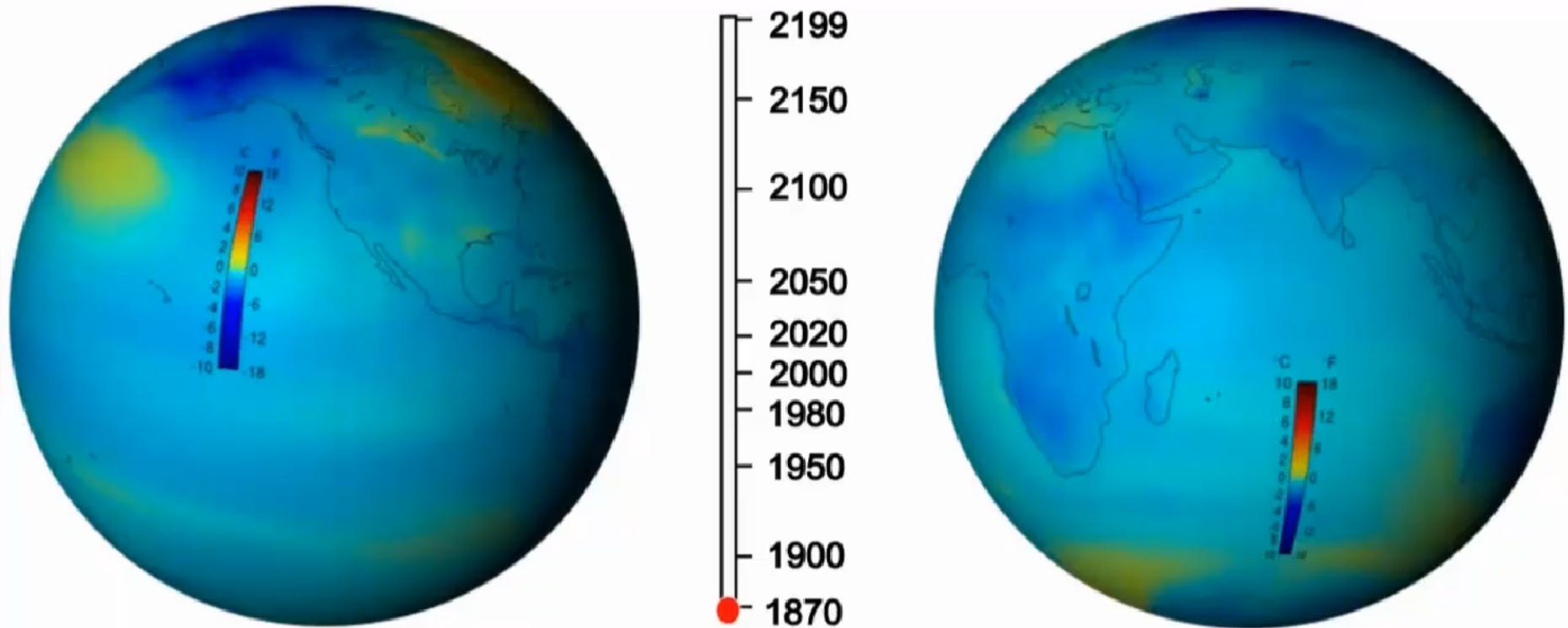


Source: Dave Keeling and Tim Whorf (Scripps Institution of Oceanography)



So if the amount of greenhouse gases keeps increasing in our atmosphere then what could happen?

Global Temperature Change



Geophysical Fluid Dynamics Laboratory (GFDL) Global Temperature change from 1870 to 2199.

