

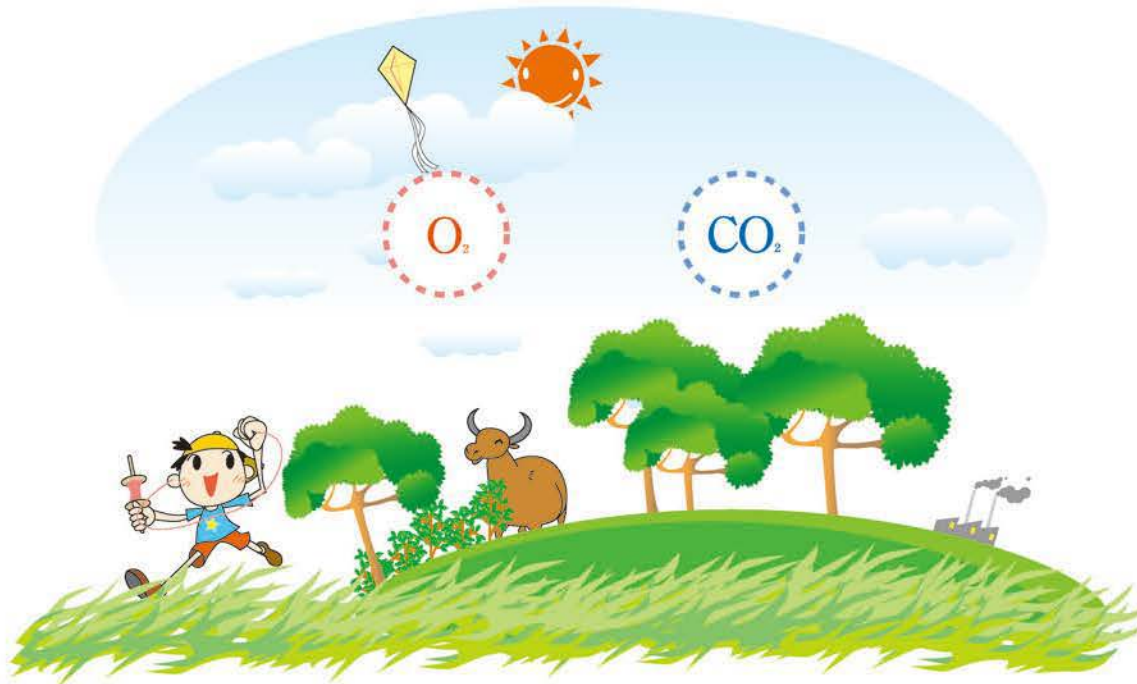
# Air cycle

The air contains about 20.95% of oxygen and 0.03% of carbon dioxide (by volume). Most living organisms require oxygen (except those able to live in anaerobic environment).

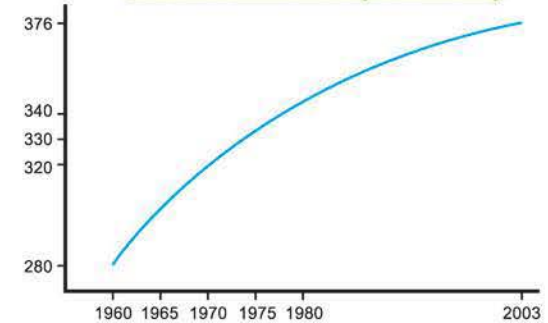
As we know, plants produce oxygen as by-product when undergoing photosynthesis. However, logging and other environmental impacts reduce the net output of oxygen of many ecosystems.

Starting from 1750, the concentration of carbon dioxide increased from 280 parts per million (ppm) to 376 ppm. In which, 60% of the increase was started in 1959. This significant increase was brought by industrial development, logging and change in the mode of agricultural practices.



**Please use the arrows to link oxygen and carbon dioxide to its sources.**



**The Trend in Atmospheric concentration of Carbon Dioxide (1960-2003)**



**Arrow:**

-  Breathe in / Consume
-  Breathe out / Release