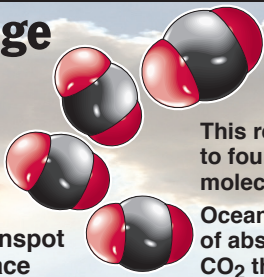


Arguments over climate change

Carbon dioxide and its concentration in the atmosphere is at the centre of the climate change debate. The UN Intergovernmental Panel on Climate Change (IPCC) says man-made CO₂ emissions are causing global climatic change. Sceptics claim the oceans can absorb this gas as fast as it is produced, while some astrophysicists link climate change to sunspot activity and environmental changes in near-Earth space



Since 1850, CO₂ levels in atmosphere have risen from 280 to 385 parts per million by volume (ppmv)

This represents increase from three to four molecules of CO₂ per 10,700 molecules of nitrogen and oxygen

Oceans considered capable of absorbing 50 times more CO₂ than atmosphere

