

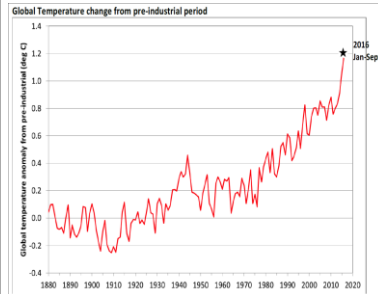
Adaptation

To adjust to climate change, to limit the impacts or take advantage of opportunities.



Climate change

A long-term change in the earth's climate



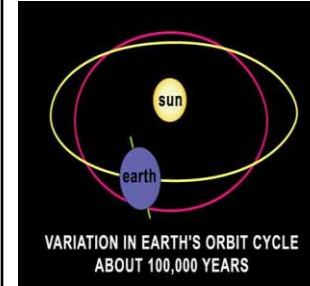
Global warming

An increase in the average atmospheric temperature.



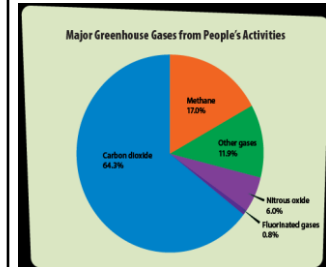
Orbital changes

Changes in the pathway of the Earth around the Sun.



Greenhouse gases

Gases such as CO₂ and methane that trap heat in the atmosphere



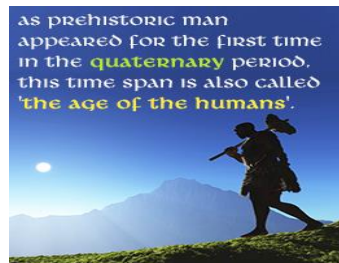
Mitigation

Action taken to reduce the risk to human life ie making international agreements about carbon reduction targets.



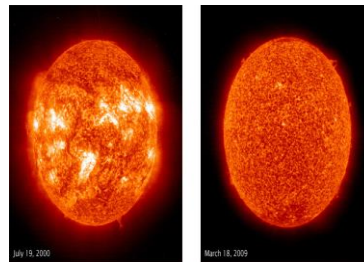
Quaternary period

The period of geological time from about 2.6 million years ago to the present.



Solar activity

Periods when the sun is very active (sun spots) and gives out more energy



Volcanic Activity

High volcanic activity can reduce atmospheric temperatures



Ice cores

Gases trapped in the ice can reveal when high levels of CO₂ and warm temperatures happened

