

Paragraph Writing

What is Climate Change?

Date: _____

Climate change is the long term shift in global temperature and weather pattern. The weather can be changed in a few hours while climate changes over a long time frame. It is a significant variation of average weather conditions becoming, warmer, wetter or drier over several decades or longer. It is a longer ~~time~~ term trend that differentiates climate change from natural weather variability. According to Inter Governmental Panel on Climate Change, the global temperature has risen by 1.2°C since the Industrial revolution 1850 till the last decade. It is now confirmed that this 1.2°C ^{has} ~~is~~ further raised to 1.5°C last year 2023, which made 2023 the warmest year on record. Limiting long term average temperature ~~is crucial~~ rise to 1.5°C is crucial, According to IPCC. ~~If~~ If the

the global average temperature is raised to 2°C , it would result in extreme hot days having 4°C warmer than usual on mid latitude. Secondly, the sea level would rise by 0.1m than at 1.5°C , exposing more than ten million people to events including more frequent flooding. Furthermore, twice the number of plants and ~~verberates~~ vertebrates would be exposed to unsuitable climate conditions across more than half the geographical area where they are found. Besides this, several 100 million more people may be exposed to climate related risks and ~~was~~ susceptible to poverty by 2050. According to IPCC, 3.3 billion to 3.6 billion people are highly vulnerable to climate change. The call to limit temperature to 1.5°C was partly designed to avoid so called "tipping points".