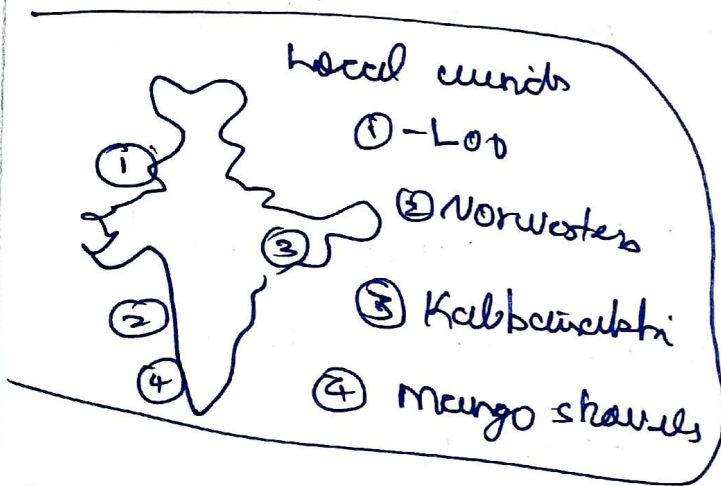


Billboard, localized dust storms & rain in Mumbai. Discuss how CC affects extreme weather events.

A strong intense local wind and rain fall collapsed a large billboard in Mumbai claiming lives. Climate change is aggravating the strengths of these local wind systems.



Local winds causes extremely high gust of wind and severe rain fall that can cause

many catastrophic events.

Climate change and weather events

① Increasing temperatures

As globe continues to warm, the temperature is on the rise. The atmosphere can hold more amount of moisture due to high temperature.

This can result in cloud burst and
flash floods

② Storm surges Due to thermal expansion of ocean water, which is the largest sink of heat and carbon causes storm surges along the coast undrains the lands crops and damaging livelihoods.

③ Unpredictability Rainfall and drought are occurring in a manner which cannot be guessed.

Efforts A project on the lines of WINDS Weather Information Network Delta Systems for hyper local weather prediction is needed.

Climate change is claiming many lives. Adaptation and mitigation is needed as early as possible.