

* Causes of Climate Change

1. Deforestation

First of all, deforestation is the cause of climate change. The reason for deforestation are ^{Reason 1} infrastructure and Urban development. In urban areas there are large amounts of trees cutting for the infrastructure project in a kind of roads, dams, and other activities. Expansion of cities also requires clearing large areas of forest. Another reason for deforestation is ^{Reason 2} mining Project. The extraction of natural resources through mining operations lead to deforestation. Gold mining in the Amazon has been a significant driver of deforestation, particularly in country like Brazil. Therefore infrastructure and urban development with mining activities are the causes of deforestation. (101 words)

← Concluding Sentence

2. Over population

Second cause of climate change is over population. ^{Reason 1} Resource Scarcity is the main reason from overpopulation. Changes in climate can disrupt agriculture, leading to

reduced crop yields and water shortages. This places extra strain on resources — agricultural resources, industrial resources — that are already limited due to overpopulation, increasing competition and conflict. There is famous theory of economist, 'Malthus', that the increasing rate of resources are in a normal rate but increasing rate of population is multiply rate, that is why there further increase gap between resources and population. ^{Reason 2} Forced migration is also the cause which is drive toward overpopulation.

Extreme weather events such as floods and droughts displacement millions of people, forcing them to move to new place, often already crowded, areas. The world's population distribution is changed, leading to high population density in certain regions, like a primary example is the impact of the Syrian civil war on Lebanon. Lebanon has hosted a very large number of Syrian refugees relative to its own population. So, forced migration

concluding
Sentence →

and scarcity of resources are the factor which contributes cause of population growth in

Some areas which ultimately drive the climate change in particular region. (194 words)

3. Nuclear Leakage

Third and important cause of climate change is nuclear leakage. Nuclear mechanism depend of water sea levels, means extreme rainfall and rising sea levels can cause flooding that ^{Reason 1} inundates coastal and riverside nuclear facilities. This can knock out vital electrical equipment, including backup power, and disable the pumps needed to cool the reactors. Example is the 2011 Fukushima Daiichi disaster in Japan, through triggered by an earthquake, illustrates the catastrophic effect of flooding. Similarly, increased drought and heat linked to climate change can lead to a higher ^{Reason 2} risk of wildfires. Fires can damage off-site power transmission lines, causing a loss of power to the plant, or produce smoke and ash that can block air intake filters crucial for ventilation and cooling. The 2018 Camp Fire in California caused significant damage to the region, highlighting the growing

danger of wildfires driven by dry conditions.

Concluding
Sentence

→ To Sum of, wildfires and in undeveloped coastal
nuclear facilities are cause of nuclear leakage
and also it cause the climate change.

(175 words)