

# Climate change

Until now this essay is concerned about causes of climate change. Now it will explain the consequence of climate change.

One of the consequences of climate change is harsh weather condition.

Extreme cold and coldwaves, severe monsoon and floods are caused by changing climate. In the last few months of 2025 and early 2026, world had faced extreme cold. World Meteorologic organization had warned about cold waves in northern hemisphere in January 2026.

In Russian Kamchatka Peninsula, snow was 2 meters in January 2026 combined with 3-5 meters snow from December 2025 makes it one the extreme cold since 1970.

America, Canada and some countries of Europe are affected by the cold waves. Besides cold, the world also experience severe

monsoon in 2025. In Mozambique, floods

Heavy rain is recorded in southern Africa, according to WMO. Pakistan Metological department also warns Pakistan about a slightly high moonsoon in 2025 than past. Alongside, floods are caused by climate change and had devastated effect on life of people. In Mozambique floods, around 650,000 people are effected. According to National Disaster Management Authority of Pakistan, nearly 7 million people are effected in Pakistan. Hence, climate change is caused the extreme weather conditions, and making natural events as life threatening.

Alongside, increase in temperature is also one of the effect of climate change.

Firstly, wild fires are erupted because of high temperature. In Chile, according WMO, 75 separate wild fires are erupted because of high temperature. Secondly, heat waves are also one of the impact caused by high temperature. According to WMO, the town Cendhu of Australia faces heatwave on 26 January 2026 because of the temperature of  $49.5^{\circ}\text{C}$ . Metereological Bureau has warned that it is the

Second heatwave within one month.

Finally, high temperature causes heatwave and wildfires, making cities inhabitable.

Jacobabad, city of Pakistan has become inhabitable because of high temperature, highest recorded is  $50^{\circ}\text{C}$ . Living conditions have become harsh in it as water evaporate rapidly at such high temperature and farming is also not suitable. So, high temperature is caused by climate change and making life inevitable.

Besides, poor environmental conditions are also the consequences of climate change. Firstly, poor air quality index is also the effect that humans are facing. This poor air quality traps the gases in the lower ~~part~~ troposphere, create its own atmosphere and traps poisonous gases in it. This cause the respiratory problems as well as effect the average life span of humans living in that area. According to UN, Lahore is the second pollutant city of world at and has poorest air quality index which is 22.82. The people living in

Lahore has average life expectancy decreased by 7.5 years. Finally, polluted water is also the problem, faced because of climate change. According to UN reports, Lahore has 25.00 water pollution in 2025. Hence, poor water and air quality is caused by climate change.

In addition, climate change also threatens the livestock. Water scarcity and destruction of crops is caused by the climate change. Water scarcity is the availability of clean and accessible water for drinking to the poor communities. According to UN report, 42.46 per cent people of Lahore have accessibility to clean drinking water. WWF-P (World Wildlife Forum Pakistan) has reported that availability of water of Pakistan is 930 cubic metres in 2023. International Organization for Migration warned that absolute water scarcity is faced by Pakistan since 2030. Destruction of crops is one of the serious threats to world ~~by~~ caused by

Climate change. As it reduced the production of food and leads to major destructions like famine. Agri land of World is destroyed because of climate change. Pakistan has lost 2.5 million acres of agri land because of floods, droughts, extreme weathers. This land has become 7.7 % of it's agri land. Hence, climate change is destroying the livestock and pushing the human race to edge.

Inclusively, climate change is also causing the loss of biodiversity. Firstly, climate change force the species to migrate. During migration, the population of species reduce which makes them extinct and endangered. According to UN report, 44% of the <sup>migratory</sup> species ~~has~~ their declined. Risk migratory species - shark, ray and sturgeon. are at risk of 90% decline. Finally, Many species are extinct or endangered because of the climate changes. Climate change make many animals endangered by destroying their habitat and force them to move to unuitable places and

ultimately causes its extinction. According to WWF, Sunda Tiger, Amur Leopard and Black Rhino are one of the species that are extinct and we may not see them in coming few years. Hence, climate change is destroying the biodiversity and ~~vanishing~~ washing the beauty of world.

So far, this essay concerned the causes and consequences of climate change. Now, it will explain the measures that can be used to reduce the effect of climate change phenomenon.

Some of the steps are needed to be taken to undo the climate change and reduce its effects. Firstly, reforestation is the key to restore the climate change. New trees and plants should be implemented in forest and cities as well as prohibit forest clearance. Secondly, urbanization should be planned and vertical, so that it reduces climate change. Eco-friendly and sustainable practice in planning of cities. Thirdly, industries should be sanctioned that they

can't realise their unfilled waste into environment. Fourthly, sustainable farming growth should be practised ~~and~~ and reduced the use of fertilizers and chemicals.

Lastly, sustainable handling of waste should not be left unchecked into environment but it's proper dumping should be done to reduce its harm on climate change. These measures can be taken to reduce climate change.

In conclusion, climate change is the manmade problem caused by poor urban planning, cutting down of forest has added the fuel and made this problem worse. Industrialization and release of harmful gases are also cumbersome to climate. This not only affects the climate but has indirect effects on the human and its environment. As it causes the severe colds, extreme weathers which make earth inhabitable for humans. As human activities have worsened the problem but it is not late to tackle the problem. It is high time that humans could

should work on solutions of climate change. So that, this problem can be resolved in time. We should make our actions in term of accountable of climate. Although the picture of climate change seems bleaked to paint the bleaked future of mankind, but it is a false impression. By acting on suggesting remedies, negative impacts of climate change can be reduced, the beautiful pictures can be gifted to future generations that can be no ~~more~~ fantasy.