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## ESSAY

Overall structure of your body paragraph is fine

Extensive grammatical mistakes

Maintain the length of all paras

Rising global temperature is one of the most significant effects of climate change. According to a UN report on climate change, Global temperatures have increased by  $1^{\circ}\text{C}$  since 1800s. This rise in temperature might seem small for a layman, but its effects are devastating. Similarly, the rise in global temperatures has caused the countries to witness frequent heat waves. For example, countries like Pakistan have frequently been experiencing consecutive decades of heat waves, with temperatures soaring to  $48^{\circ}\text{C}$ . This has caused countless deaths, which still haunts many citizens. Moreover, the increase in global temperature has led to prolonged droughts. For instance, the American west has been experiencing a severe drought for two decades now. This drought is considered the worse in the past 1200 years. Increase in temperature causes the moisture in the soil to evaporate, which causes the soil



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to become ineffective over time. This leads to droughts that causes a lot of damage to the <sup>economy</sup> ~~crops~~. Lastly, the increase in wildfires across the world can directly be attributed to the increase in global temperatures. For instance, the wildfires in Europe is a testament to the increasing global temperatures. When high temperatures meet dry vegetation, it forms a flame that spreads at a rapid rate. Currently, the wildfires in Europe have burned around 2.5 million acres of land. The wildfires continues to create havoc across the land. Therefore, the rising global temperatures is one of the devastating effects of climate change.

The second effect of climate change is the irregular weather patterns. According to the Intergovernmental Panel for Climate Change (IPCC), for every 1% increase in temperature, the water-storing-capacity of the atmosphere increases by 7%. This has brought intense rainfall and flooding across the globe. Similarly, the world has witnessed an increase in tropical



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cyclones. According to unicef, up to 19 hurricanes are forecasted including five major hurricanes. This can cause widespread destruction and loss of life. According to the National Oceanic and Atmospheric Administration of the US (NOAA), previous hurricanes like the hurricane harvey of 2017 caused catastrophic flooding and damages around \$125 billion. This shows the destructive nature of hurricanes. Therefore, the irregular weather patterns is an important effect of climate change.

Third effect is how climate change is a threat to food and water security. Climate change over the years has ~~great~~ immensely effected crop yield of countries. According to the Food and Agriculture Organization (~~For~~ FAO), developing countries have experienced losses of \$108 billion in crop and livestock production alone. This can be attributed to disasters such as floods and droughts. Similarly, to climate change has greatly effected water security of many countries. With the rapid



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melting of glaciers, water security has become a rising issue. For instance, 30% of snow mass in the upper Indus basin has melted. This has caused insecurity as in winters, when water is not needed to that extent, due to lack of water holding mechanism the water goes to waste. Since water is a basic necessity, it drives people to insecurity. Similarly, the threat to food and water security has driven people out of their land. According to International Displacement Monitoring Centre (IDMC), an average of 20.5 million people have been forced to leave their home each year due to issues like droughts, floods, and food insecurity. Therefore, the threat to food and water security is an unfortunate effect of climate change.