

Climate Change Causes and Effects

1. Introduction

- a. Rising temperature in the atmosphere
- b. Harmful both to human resources and national economy
- c. Thesis statement

2. Causes of climate change

- a. Rivers
- b. Mountains
- c. Industrial Revolution
- d. Interconnectedness
- e. Air pollution
- f. Land pollution
- g. Ozone depletion
- h. Waste products by human activities

3. Effects of Climate Change

- a. Population growth
- b. Disproportionate exposure
- c. Agriculture sectors
- d. Damaging housing

"We in South Asia are the children of the moon-soon".

David Glenner in his (2009 book).

Climate change is all about the rising temperature in the atmosphere. The sudden rising temperature of air into atmosphere can cause global warming. These global warming affected from green house effect, after that it lead to climate change. Climate change can cause from rivers, mountains, and industrial revolution, air pollution and land pollution, ozone depletion and human waste products of human activities. Although, it affects population growth, human resources degradation and agriculture sector of the country countries. While, it has a large amount climate change has large amount of effect, damaging countries globally. In climate change we will discuss about both the causes and effects.

The Indus River system serves as a central artery for India and Pakistan, comprising six major tributaries: eastern (Beas, Ravi, Sutlej) and Western (Indus, Jhelum, Chenab). Heavy monsoon and bad government policy can cause large amount of flood region wise. High temperature of air pressure

in the atmosphere can affect the ~~the~~ heavy monsoon, which may lead to the climate environment. However, this environment is harmful for human resources in the form of floods, landslides and cloudburst. The recent flood in (HP) is the valid example of the rising temperature in the atmosphere due to heavy monsoon air pressure in the rivers. Moreover, ~~for~~ rivers has a profound role volatility causing the climate change in the form of floods.

The Hindukush Hindu Kush, Karakoram and Himaliya ranges have interconnected geological features. The Himaliya range extends to northern India, the Karakoram extends to Gilgit-Baltistan, and the Hindu Kush extends to ~~afghan~~ Afghanistan. These three have caused the climate change in the form of ~~glaciers~~ glaciers and cloudburst. The glaciers and cloudburst come from heavy air pressure in the form of rising temperature in the atmosphere; which melts the snow with a high temperature of pressure air pressure and can burst it in the form of cloudburst and avalanches. In 2012, the avalanches target the Army camp in the Sichen glaciers, which has have a large amount of human losses.

~~The recent cloud~~ 1

The recent cloudburst in Buner, can affected number of human resources. Furthermore, mountains have the ultimate source of global warming, which causes climate change in the form of flood, landslides and earthquake.

In 1900, centuries, the industrial revolution have an ~~top~~ significant role in the ~~global war~~ global warming. Industries release carbon monoxide, sulphur dioxide which is harmful for atmosphere. ~~As carbon~~ Industries can cause the climate change in the form of Nitrogen dioxide, carbon dioxide and Sulphur dioxide. As these release into the atmosphere meet with hydrogen oxide, which causes green house gases. These green house gases come in the form of temperature ~~so~~ that cause global warming, and these global warming lead climate change in the form of floods. Moreover, it causes heat in the surface of earth which is harmful for livelihood and atmosphere.

The interconnection of territorial boundary of eastern India, and western Pakistan have climate disasters. Eastern side of Indian rivers can cause climate change due to high temperature of in the atmosphere, which may affect the western territorial land of Pakistan.

The recent releasing flood water from Ravi can cause a huge damage for Pakistan. The releasing water from Ravi into Pakistan degraded the irrigated lands and houses in Punjab. These may lead devastated of human resources and agriculture sector which affect the country economy. Thus, the interconnection of mountains range and rivers can cause a large amount of climate change in the form of floods.

Waste products and human activities can lead climate change. Due to waste products and human activities it may lead air pollution. ~~These air pollution degrade the environment completely. These waste products enhance the Nitrous oxide, which release it into the atmosphere. Also, Although, the vehicle which release carbon dioxide gas into atmosphere, and fossil fuel which may affect the atmosphere; that become in the form of climate change. Moreover, Industries have a huge role in these content.~~

Human activities create and enhancing the land pollution due waste and disposal material, which affect and degrade the environment; and it become in the form Nitrous oxide and carbon dioxide into atmosphere

that lead climate activity. These, climate activities become in the form of floods, clouds and avoid activities which devastated the human resources and infrastructure. Whenever, human activities (suspension) rise, it creates climate change.

Harmful gases, such as nitrous oxide, carbon dioxide, chlorofluorocarbon and sulphur dioxide enhancing ozone depletion in the atmosphere. Rising of all these into atmosphere into atmosphere meet with hydrogen and ozone layer causing ozone depletion.

Although, these ozone depletion can lead the climate change; bursting of ozone into snow and cloud can strain the cloudbursting and glaciers, that become into in the form of flood. Moreover, sudden rising of human activities can cause and lead the climate change, after become in the either in the form of flood or cloudbursting, such like in Buner, cloudbursting that become flood.

The population has been increased from 33.7 million in 1951 to 242.7m in 2025, and is expected projected to reach 380-403m in 2050, making it the world most third populous nation. The rapid population growth

with and along with a weak economy and falling gas income per person, increase a climate risk. These falling income and weak economy, people unable to evacuate from dangerous place to safety place. A highly risk place near to flood and can be affected from climate change. Although, it depend upon population growth, poverty and unawareness. The recent flood due to climate change in UP and Jharkhand due to climate change affected those area which was near to flood zone, because of highly populated and unable to shifting their homes to safety place. Moreover, highly populated and weakly area can easily affected from climate change.

Climate change drastically devastated the agriculture sectors. Irrigated and affected from flood due to bad governance to facilitate people and spread awareness related to flood. Incomplete policy to provide and protect the such as NDMA and PDMA to provide and protect the irrigated land from flood, which has a key role in enhancing economic stability. Bad education system has a profound role in climate change, which promote awareness regarding to flood;

but unfortunately, they don't have any knowledge, because low teaching skills and poor quality staff. Furthermore, lack of technology such as GPS and GIS to collect data and measures the atmosphere to know about the climate change. Thus, political instability, bad governance, unawareness and less technical system plays an important role in devastating the agriculture sector on climate change.

Damaging houses in climate change lead poor government policies in protecting them during climate activities. ~~Weak poverty~~ Poverty can taking people in risk place which is easily affect from flood and can lead human loses. The recent flood in Buner, has the valid example of housing damaging in climate change in the form of cloudburst. Infrastructure damaging, human resources and livelihood in Buner, can lead the lack of government policy in ensuring and ~~protect~~ protecting them from flood.