

# The Effect of Global Warming On Biodiversity.

Out lines:

- A) Introduction
- B) Effect of Global Warming on biodiversity
  - a) Rising global sea level.
  - b) Threat to Coastal population.
  - c) Rising intensity and frequency of disasters
  - d) Effect on agriculture.
  - e) Rising conflict between states
  - f) Effect on human health.
    - 1) International environmental Refuges problem.
    - g) Rising temperature is a direct threat to life.
- C) Solution of Global Warming
  - a) Reducing the level of greenhouse gases.
  - b) Increasing forest cover

DATE: \_\_\_/\_\_\_/\_\_\_

- Promotion of Sustainable transport.
- c) Promotion of Sustainable transport.
  - d) Sustaining urban process.
  - e) promotion of environmental awareness.
  - f) implementation of environmental Committee.
  - g) Controlling population growth
  - H) Strengthening disaster management

## D) Conclusion

The relationship between the environmental resources and conflict may seem almost as obvious as the connection we see today human rights, democracy and peace. The global warming is the increase in overall global temperature in recent decades. Natural process have also affected earth temperature and climate but the rapid change is due to the human activities and the wide-spread use of the fossil fuels. The increase in temperature affect the biodiversity on several ways, such as, the rising

Global sea level, rising intensity and frequency of disasters are the major cause of the global warming. Furthermore, the threat to coastal population, the effect on human health, effect on agriculture are some of the effects that are caused due to global warming. Also international environmental refugees problem and rising temperature is a direct threat to human life and also to biodiversity.

So controlling population growth and promotion of environmental awareness education can reduce the threat that are caused to our resources, our climate and to our biodiversity.

The failure to addressing global warming will lead to irreversible damage to biodiversity.

The water on the earth surface is majorly divided into two categories, the salty water and the fresh water. The salty water consist of ninety seven percent out of hundreds ~~per~~ percent of water on earth surface. The remaining three percent water is a fresh water that are present mostly in frozen ice.

The increasing temperature cause the melting of the glaciers. As per

the international Commission on ice and snow, the newzealand retreat eleven percent of glaciers, the united State of america on northern side retreat 20 percent of glaciers. This melting of glaciers cause the rising of the global sea level. The rising of sea level damaged the biodiversity on multiple ways. As per international Governmental pannel on Climate Change about eight inches global sea level has been rise over the past two one hundreds and twenty years.

moreover, the rising of global sea level is a major threat to coastal population. In the world population the figure 2.5 billion population is from the coastal population. These coastal population are divided in different cities, towns, markets and mostly the coastal area is one of the best sector for tourism. Similarly the national trade port cities Karachi in Pakistan, Jakarta in Indonesia are mostly populated cities in the world. Some of ice land like Maldives, Kiribati and Tuvalu are in under the threat of totaly damaging. That are due to the rising global sea level, which is due to the

the increasing temperature.

Additionally, the alarming of disaster again and again is one of the major reason behind the global warming. The floods in punjab, pakistan on 2022 is one of the major disaster for pakistan due to increasing temperature level. that causes human losses as well as infrastructure losses. As per national development authority more than five hundreds bridges were destroyed in pakistan on 2022 flood in punjabs. Same as agriculture, livestock and roads infrastructure. that all losses are not only the lose of these resources but also it highly damaged the economy of the country. The economic committee in pakistan reported that round about thirty billion united state dollars loss by pakistan in 2022 floods. the occurrence of disaster cause the poverty, homelessness and increase the crime rates and un-employments. in a country.

finally, the occurrence of flood cause the agriculture losses. pakistan is a developing country and for the developing country the agriculture losses, floods and destroying the coastal areas due to rising of sea level is mostly difficult to handle these issues. pakistan

losses nearly forty percent of the mango production in 2022 floods. The economic degradation in the export of 2022 is majorly due to the loss of mango production. The forty percent population of Pakistan is directly dependent on agriculture. The rising temperature decrease the quantity of starch in the wheat, to fulfill that need Pakistan had to be import the wheat from foreign countries such as Russia and India same as China.

Finally, the rise of every thing is may be threaten for some one, and may be beneficial for some one. But the rising temperature is a threaten for every one. As per the world meteorological organization they recorded the temperature  $40^{\circ}\text{C}$  in London in 2022. Then they recorded the temperature of  $52^{\circ}\text{C}$  for the first time in the Xining city of China in 2023. Similarly in Multan, Faisalabad, and Hyderabad the temperature reaches to  $50^{\circ}\text{C}$  in 2024, that is not a good news for Pakistan. In 2022 more than 1200 people died due to heat waves in the United Kingdom. These all problem need to be handled for both the developing and developed countries.

and specially the developed countries need to address the issue of rising temperature because these countries are most industrialized countries in the world.

Building on the previous points some of the solutions are also available with us to handle the issues such as reducing the level of greenhouse gases. Firstly we have to reduce the level of green house gases in atmosphere for them we need to transform in the energy from fossil fuels towards renewable energy sources. The fossil fuel like standard diesel, petrol and compressed natural gas produce a large amount of carbon dioxide and carbon mono-oxide. In contrast the renewable energy sources like bio-fuels that consisted of bio-gas, bio ethanol and bio diesels produce lesser amounts of carbon dioxide and carbon mono-oxide. and similarly other gases that causes the rising of the global temperature.

lastly, the promotion of sustainable transport such as promotion of cycling, hybrid and electric cars, decent public transport system and reducing number of

reducing the number of vehicle, will directly effect the on the reducing temperature of the global warming. The older model of vehicle cause more emission of carbon dioxide and the gases that pollute our environment. Government need to increase taxes on older model and specially banned these model. one of best example of decent transport system are isfahbul, singapore and london. similarly in denmark use eighty percent of cycles for transport.

In a nutshell, there are number of effect of global warming on biodiversity. these effect are not only dangerous for the current era, but also threaten for the future generation. The rising temperature, international environmental refugees problem, and conflict between states and within states after some times it will can't be control. moreover, the threat of ~~Coastal~~ Coastal population, melting glaciers, and effect on agriculture and human health will be the major loss of world due to rising temperature. interestingly the solution of all the causes of the global warming can be done easily. If both the developing



DATE: \_\_\_/\_\_\_/\_\_\_

and developed countries agreed on reducing the level of green house gases, increasing forest cover and promoting of sustainable transport. Furthermore promotion of sponge cities, environmental awareness, sustainable industrialization, controlling of population growth and improving international cooperation can easily address and handle this issue. And in last i will quote the words of Siachen mark that "progress is measured by the speed at which we destroy the condition that sustain life"

