

Outline

"Environment emergency can guarantee a haven for upcoming generation: Greenhouse and green Revolution"

I. INTRODUCTION:-

Thesis Statement:

Contemporary world is in the state of environmental emergency due to increased emissions of greenhouse gases. This environmental degradation is not only threatening the survival of current generation but also predicting the same for upcoming generation.

II. GREEN REVOLUTION HAS ACCELERATED GREENHOUSE GASES EMISSION: WORLD IS IN THE STATE OF ENVIRONMENTAL EMERGENCY

III ENVIRONMENTAL EMERGENCY CANNOT GUARANTEE A HAVEN FOR UPCOMING GENERATIONS:-

- a) Water scarcity is increasing due to rapidly polluting

and depleting freshwater sources
Case in Point: Pakistan's case study and PCRWR report

b) Food security is under threat, crop yield production is reducing due to unpredictable weather occurrences.

Case in Point: IPCC's sixth assessment report

c) ^{Persistence} Poor Air quality Index is predicting health ^{tion} degradability of current as well as upcoming generations

Case in Point: IQ Air report 2023 ranked Pakistan 2nd most polluted country in the world.

Case in Point: Pakistan PM_{2.5} concentration is 14 times higher than WHO guidelines

Case in Point: London Smog 1952 killed 4000 people

d) Warm temperature provides a favourable environment for

fatal disease to grow and spread.

Case in Point: WHO report; 3.5 pc dengue, 3 pc malaria and 3 pc typhoid cases all contributed to environmental change

Case in Point: In 2022 Flood affected regions, 1000 cholera cases and 64,764 dengue cases were reported by WHO

e) Extreme weather conditions are burdening the Global GDP.

Case in Point According to World Bank, Global GDP would lose \$4.3 trillion by the 2050 due to climate disasters.

f) Massive displacements, humanitarian loss and post traumatic stress syndrome are the repercussions of ^{existing} environmental emergency

Wildfire in loss

Angeles, California in Jan 2025
caused 100000 displacements.

Case in Point: 8 million people
displaced and 1700 lives lost
in 2022 floods in Pakistan

a) Unprecedentedly rising sea levels
menacing the livelihood of
coastal population thus shrinking
land for future generation's
habitat

Case in Point: Case study of
Jakarta Sinking

Case in Point: 8 ^{inches} ~~meters~~ rise in
sea level since 1880 - IPCC's report.

b) Loss of biodiversity not only
disrupts food chain but also
compounding the impacts of environmental
degradation

Case in point: International Union
for Conservation of Nature estimated
that $\frac{1}{8}$ birds, $\frac{1}{4}$ mammals and
 $\frac{6}{7}$ marine turtles are near to

extinct

IV. PRAGMATIC MEASURES TO DEAL WITH ENVIRONMENTAL EMERGENCY:-

a) Shift from fossil fuels to renewable energy resources

Case in point: COP 28 goal

b) Sustainable agricultural growth to ensure food security

Case in Point: UNFAO viewed 'climate smart agriculture' as a way to improve crops resilience

c) Reforestation and Afforestation to increase ^{earth} carbon sinking

Case in Point: One billion tree tsunami project in Pakistan

d) Conserve biodiversity by using remote sensing technique

V. CONCLUSION:-

The Essay

In Summers of 2003, Europe experienced extreme heatwaves that claimed tens of thousands of lives and scorching sun dried up rivers, lakes and streams. Farmlands were buried up, all that events impacted the European economy hardly. This scenario reminds that regional environmental degradation makes the survival of that region's people very uncertain. In the contemporary era of green revolution, unprecedented green house gases emission has inflicted the environment emergency all over the globe. Earth is heating up, rivers are flowing out, icesheet of the glaciers is melting rapidly, the state of environmental emergency is not a hoax now.

As environment is the largest inhabitat of living organism - an essential element for the survival of human creature, if it would not stable then the upcoming generations ^{survival} & would also not secure.

Thus, the existing environmental emergency can not guarantee the safe refuge for the upcoming generation. Only the clean, safe and healthy environment - free from the menace of global warming and climate change - can guarantee a secure haven for the future generations.