

# The Environment has Gone Beyond the Tipping Point Now

## Outline:

### 1- Introduction

The current scenario of environment is indicating that environment has gone beyond the tipping point now. However, there is a room of hope and by taking holistic approaches, damages can be controlled.

### 2- Current Overview of Environmental Conditions

2.1) Case in point: Report of the United Nations

### 3- Manifestations that Environment has Gone Beyond the Tipping Point Now.

A) Severe Increase in Temperature of Planet

a) Case in point: Report of the World Bank

B) Melting of Icesheets

b) Case in point: Melting of Greenland



C) Eruption of Wildfires  
 c) Case in point: Wildfires in Turkey and Canada

D) Shrinkage of Water Bodies  
 d) Case in point: Shrinkage of Indus Basin

E) Disruption of Global Food Chain  
 e) Case in point: Report of Al-Jazeera

F) Displacements of Climate Refugees  
 f) Case in point: Report of Unicef

G) Occurrence of Zoonotic Diseases  
 g) Case in point: Report of WHO

4- Contributory Factors in Environmental Degradation

- A) Emission of Carbon Dioxide (CO<sub>2</sub>)
- B) Military Adventures and Nuclear conflicts
- C) Modernization of Lifestyles
- D) Industrial Revolution

5- Recommendation to Control the Damages of Environment

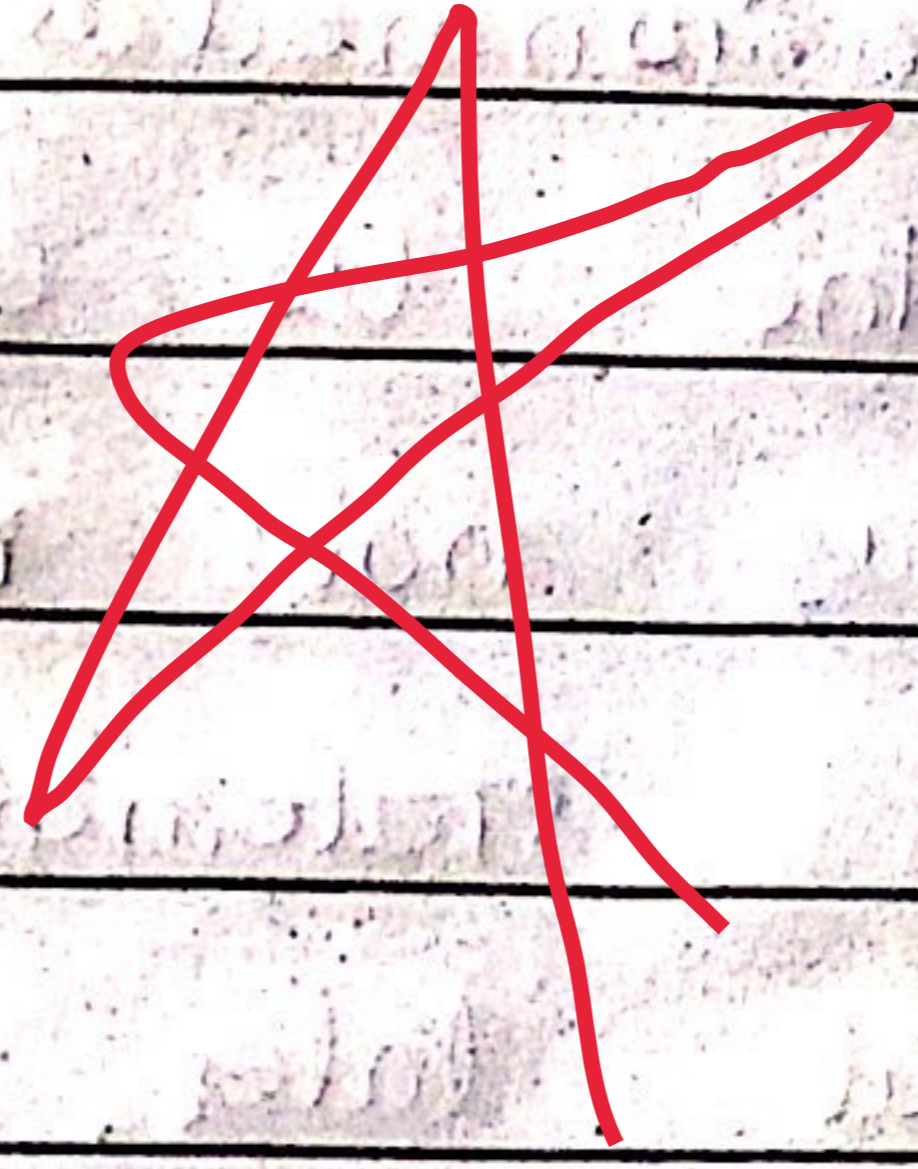
- A) Switch to Renewable Energy Resources
- B) Implementation of Promised Global Initiatives
- C) Use of Green Technology



D) Discourage Urban Sprawl

E) Promote Sustainable Environmental Approaches

G- Conclusion





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In 1988, one of NASA scientist had warned the world of coming environmental damages in front of the US Congress.

The world was not ready to understand his statement at that time but later, time has proved that he was right.

Today, the environment has gone beyond the tipping point. The damages have already done and the world is

facing repercussions of it. Climate Change does not respect boundaries and people. It is a global threat which is now becoming an existential threat for all.

Currently, environmental conditions are extreme and posing threats.

They are hinting towards degradation of environment upto certain extent. There are many



manifestations that show ~~environment~~ has ~~gone~~ beyond the ~~tipping~~ point ~~now~~. It includes ~~severe~~ increase in temperature of planet, melting of ~~icesheets~~, eruption of ~~wildfires~~ and shrinkage of ~~water~~ bodies. Moreover, ~~disruption~~ of ~~global~~ food chain, displacement of ~~climate~~ refugees and occurrence of ~~zoonotic~~ diseases are I'm writing at first time also ~~pointing~~ towards ~~environmental~~ degradation. These are ~~multitude~~ of ~~contributory~~ factors that ~~pushed~~ ~~environment~~ beyond the ~~tipping~~ point. These factors are emission of ~~carbon~~ dioxide, ~~military~~ adventures and ~~nuclear~~ conflicts, ~~modernization~~ of ~~lifestyles~~ and ~~industrial~~ revolution. However, there is always a room of hope and optimism and ~~environmental~~ degradation can be ~~slow~~ down.



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by switching to renewable energy resources, implementation of promised global initiatives, use of green technology, discourage of urban sprawl and promote sustainable environmental approaches. The current scenario of environment is indicating that environment has gone beyond the tripping point now. However, there is a room of hope and by taking holistic approaches, damages can be controlled.

The current scenario of environment is alarming. The world is facing existential threat in form of climate changes. The six major threats of 21<sup>st</sup> century are related to environment. As per report of the United Nations, time is ticking towards 2030, a



global deadline to achieve sustainable environment goals. Unfortunately, the world has not achieved any satisfactory outcome. This shows that environment has gone beyond the tipping point now.

Following paragraphs will shed light on manifestations that environment has gone beyond the tipping point now.

Firstly, the planet earth is experiencing severe increase in temperature. It has increased in hotness more than expected. The temperature of earth has scaled up to  $2^{\circ}$  in last half a century which is two times more than pre-industrial revolution. As per report of the United Nation, the era of global warming has over, the era of global



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boiling started. The pace at which temperature of planet is increasing is ominous threat to all. Hence, the environment has faced extreme temperature.

Secondly, the melting of ice sheets at concerned speed is a omen of environmental degradation. Recently, it has been observed that the Greenland melted in speedy way. It was supposed to be melt in <sup>In-upcoming</sup> coming 100 years as per the (environmentalologists)<sup>x</sup> environmental experts.

Therefore, the melting of ice sheets of Greenland is another manifestation of environment has gone beyond the tripping point now.

Thirdly, the sudden eruption of wildfires is a matter of concern.



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The eruption of wild-fires in Turkey and Canada, which are low-temperalured country, are alarming. The wild-fires in Canada and Turkey has damaged large forests and wildlife. It continued for days and showed that environment has gone beyond tipping point now.

Moreover, the shrinkage of water bodies is another manifestation of environmental degradation. The water resources has reduced and shrinked to threatening level which can rise to hydroconflicts. According to the Indus water Commission, the Indus Basin has shrinked due to snowless winters. The Indus Basin provides water to India, Pakistan and Bangladesh. Its shrinkage is alarming for existence.



Additionally, It has observed that the global food chain has disrupted due to extreme climate challenges. The UN Aljazeera has unveiled a stark reminder of food insecurity around the world in coming years. The lands are not producing enough food like before due to surge in environmental pollution and unfavourable circumstances like temperature conditions. Till 2050, the number of food insecure people would be doubled as per Aljazeera report. Hence, the disturbance in global food chain in another manifestation of environment has gone beyond tripping point.

Besides disruption of global food chain, there is a displacement of climate refugees in



Climate-prone countries. The numbers of climate refugees has increased upto stagnant numbers. According to the report of the Unicef, the climate refugees in Bangladesh are around 3 million in one season. They are victims of floods which leads to internal displacement of masses. Therefore, displacement of climate refugees due to floods is indicating environmental degradation.

Lastly, the occurrence of zoonotic diseases due to melting to greensheets and extreme temperatures are hinting towards environment has gone beyond tripping point now. The World Health Organization has reported that sudden occurrence of diseases



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in vulnerable climate countries  
are never observed before. They  
are threatening to life of  
masses and endangered to  
other species. Many wildlifers  
species are extinct or endangered  
now. So, occurrence of zoonotic  
diseases has endorsed the  
fact that environment has  
gone beyond tripping point now.

These are multitude of  
contributory factors that are  
involve in environmental degradation.  
Following paragraphs are shedding  
light on those factors.

Firstly, the emission of  
carbon dioxide in the environment  
is contributing in environmental  
damage. The largest world  
emitters are from global  
north and deteriorate environment  
in greater extent. The carbon



dioxide causes global warming and ozone depletion in environment.  $SO_2$ , emission of carbon dioxide in environment is contributing in environmental degradation.

Secondly, the ongoing military adventures and nuclear conflicts has damaged the environment. The uranium enrichment in our surroundings to unsurmountable level. It leads to water and air pollution which ultimately harm the environment.

Thirdly, the modernization of lifestyles is also contributing in environmental degradation. The release of chlorofluorocarbons, ammonia and carbon monoxides are harmful to environment. The excessive use of transportation and home appliances are one side facilitating humans and on other side, it has pushed the environment to tripping point.

Lastly, the industrial revolution has contributed in damage of environment to the level that it can not be refilled. The emission of harmful gases



and wastes into environment  
has made it non-livingable,  
The industrial revolution  
has introduced carbon  
trading among countries which  
provide them legal emission  
of carbon dioxide into  
environment upto any level.  
Thus, Industrial revolution  
is a contributory factor  
in environmental degradation.

Plz explain also current challenges  
However, there is always  
a room of hope for  
better. So, following are  
some suggestions to control  
the damage of environment  
that has already done.

Firstly, there is need  
of switching to renewable  
energy resources from  
non-renewable. The government  
and international environment  
agencies should ensure that  
energy resources should be  
renewable in industrial  
sectors.

Secondly, there is high  
time to implement promised  
global initiatives to  
conserve environment. These  
promised initiatives include  
the Kyoto Protocol, Conference  
of all Parties (COP-28) and



many more. Therefore, non-governmental and governmental organization should engage in implementation of global promises to save the planet.

Thirdly, there should be use of green technology in order to conserve environment.

The green technologies are eco-friendly and harmless to environment.

Also, they operate on renewable energy resources.

So, the use of green technology can be helpful and effective in restoring environment.

Moreover, the countries should discourage urban sprawl. The rapid urbanization leads to deforestation and damage to environmental fabric. The governments should discourage it by providing facilities to masses in rural areas. Thus, discouragement of urban sprawl can be effective in this regard.

Lastly, there should be promotion of sustainable environmental approaches by the international agencies and environment.



The sustainable practices would save the environment from further damages. It will also conserve resources for future generations. Hence, the promotion of sustainable approaches can be efficient and holistic approach.

In a nutshell, it can be concluded that the environment has gone beyond the tripping point now due to multiple factors. The current environmental conditions are a menace of ominous threat to existence of many species. These are manifestations of environmental degradation aforementioned. It endorsed the fact that environmental damage has been done at unsurmountable level. However, the damages can be ~~re~~ ~~re~~ slow down by taking concrete steps. Impossible is not a fact, it is a attitude and there is need of that careful attitude towards environment by humans. The King of the United Kingdom has rightly said that;

When your house is on fire, the first thing you do is stop pouring oil. By using eco-damaging technologies, humans are architect of their own destruction."