

# Global Warming:

## Challenges And ways for Mitigation

### outline

1. Introduction

2. Challenges of Global warming

try to shorten your phrases  
please

a) Environmental challenges of Global warming

i) Global Ice loss (Melting of Glaciers)

An ~~pen~~ National Commission on Ice

and snow ~~11%~~: Glaciers retreated  
observed in New Zealand.

ii) Rising Global sea level

About ~~8 inches~~ global sea level has been  
raised over ~~past century~~

iii) Threat to Coastal Population

About ~~2.5 billion~~ population lives on coastal areas

iv) Increasing Intensity and frequencies  
of disasters

According to the world index of Risk

~~2024 report~~ Pakistan has been listed

~~among 15 countries with the highest  
disaster risk.~~

### b) Agricultural Challenges of Global warming

Pakistan's 40% population depend on agriculture.

#### i) Changes in soil quality and fertility

The IPCC report highlights that soil temperature will increase by  $1.5^{\circ}\text{C}$  by 2050, affecting soil fertility, microbial activity and plant growth.

#### ii) Agricultural Loss

PNA of Pakistan in 2020 reported, "Pakistan is facing wheat shortage."

#### iii) Increasing Temperature - Changes in life cycle of crops.

### c) Social challenges of Global warming

#### i) Health Impacts

As per WHO 0.5% dengue, 8% malaria, and 3% typhoid cases are contributed by Global warming.

#### ii) Displacement and migration

According to UNHCR 2020, increased frequency and intensity of natural disasters are forcing people to flee their homes.

#### iii) Food Insecurity

#### d) Economic challenges of Global warming

- i) Infrastructure damage
- ii) Reduced GDP
- iii) Increased healthcare costs.
- iv) Loss of Tourism and Industries

#### e) Political challenges of Global warming

- i) Increasing conflicts between the states
- ii) Hydropolitics between Indo-PAK

write appropriate terms please

- iii) Increasing conflicts within the states

Environmental degradations and compe-

tition for resources have fueled tension  
between local and government of Nigeria.

- iv) Invers between developed and developing  
world.

try to write with proper word choices please

#### COP 28 - Climate finance contributed

need paragraph please

to increase tension between developed  
and developing countries

#### f) Cultural challenges of Global warming

- i) Disturbance in routine life
- ii) work from home
- iii) Schools closing

3) Ways for Mitigation of Global warming

a) Reducing the level of Green House gases:

i) Decarbonization

↳ Transition of non-renewable energy  
to renewable energy

b) Increasing global forest cover

Pakistan forest is less than 5% and  
it should be 25% as per international  
forums.

c) Promotions of sustainable Transport

d) Promotions of sustainable urbanization  
Sponge cities

e) Environmental Education

f) Strengthening the role of environmental  
institutions

Ex: PAK-EPA (Environmental Protection Agency)

g) Strengthening disaster risk management

h) Improving international cooperation

4) Conclusion