

## Essay:- Climate change:-

### Climate change: Cause & Consequence.

as you are interested in public  
as you are interested in public

#### Causes of Climate Change.

↓ Global Causes

- 1: Green house Gas (GHG) Emissions.
  - CO<sub>2</sub> from fossil fuel burning (energy, transport, industry).
  - Methane from livestock, agriculture and waste

#### 2: Deforestation.

→ poor eco. → less able to understand, or demand  
the structural reforms.

4: Weak human capital.

5: Policy fragmentation.

Amazon, Congo & southeast Asia forests

6: Elite capture.

shifting rapidly.

7: Populist politics.

8: Industrialization.

- Heavy industries releasing CO<sub>2</sub>, methane and nitrous oxide.

#### 4: Urbanization.

- Expanding cities create heat islands.

#### 5: Agricultural Practice.

- Paddy rice fields emitting methane.

- Overuse of fertilizer releasing nitrous oxide.

#### 6:- Waste Management.

- Landfills emitting methane gas.

#### 7:- Natural (resources) Causes.

- Volcanic eruptions, solar variation.

#### 8:- Solar Systems.

### Scio-Economic Causes:-

- ↳ Economic distress → inflation, unemployment & energy shortages make unpopular reforms politically risky.
- ↳ Urban sprawl → housing societies expanding onto forests / peri-urban zones without regard for environmental risk.
- ↳ Media manipulation & misinformation.

Pakistan-Specific Consequences:-

1: Flood & extreme Rains. → Environmental.  
→ Economic.

2: - Glacial Melts and Glafs. → Social & Health.  
↳ Indus river system and hydropower.

3: - Heatwaves. → political &  
Governance.

4: - Agriculture Loss.

5: - Health Impacts.

6: - Water Scarcity.

7: - Economic loss.

8: - Security risks.

Conclusion (Linking Cause & Consequences)

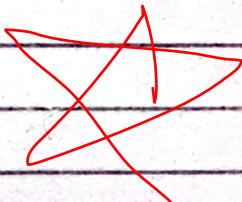
deforestation → less  $\text{CO}_2$  absorption → rising  $\text{CO}_2$  concentration  
→ Glacier melts → floods & water scarcity.

→ fossil fuel →  $\text{CO}_2$  emission → Global warming → Heatwaves and droughts  
→ flood insecurity.

## Climate Change: "Introduction"

"We are on the highway of climate change with our foot still on the accelerator." - Antonio Guterres, UN secretary - General. Humanity is no longer debating climate change - it is living inside it. Climate change is no longer a distant threat; it is a present reality reshaping economies, societies and human survival worldwide. From (unprecedented) unprecedented wildfires in Europe and North America to devastating droughts in Africa and South Asia, extreme weather are becoming new normal. What once seemed as rare "natural disasters" are now recurring climate shocks that redraw maps, displace populations, and resilience of nations. The climate crisis are not just environmental issue; it is an essential threat to development, security, and justice. in the 21st Century. In its 8 edition, the Intergovernment Panel on Climate Change (IPCC) warns that average global temperatures have already risen by 1.2°C since pre-industrial times. Although climate change is global, its burden is profoundly unequal: wealthy nations drive emissions while poorer states carry the cost, exposing the injustice at the heart of the crisis. Pakistan is the clearest illustration of this injustice. ~~at the heart of crisis~~. Contributing less than 1% of greenhouse gases or in global emission, it remains among the top ten most vulnerable countries.

The 2022 floods displaced 33 million people and inflicted losses of \$30 bn, while the 2024 flash flood grieves over 200 people in a single week. Monsoon extremely affects the certain area of Pakistan like Mansehra, Mansehra, Gilgit Baltistan, Bajaur, Buner reports 91 death. This and. However, these extreme cloudburst, melting glacier's (that are more than 7000+ in Pakistan) and reckless use of land have turned Pakistan into a frontline state where climate change is not tomorrow's challenge - it's today's disaster.



## Essay:-

Hook statements :-

" Climate change is no longer a distant threat ; it's a present reality".

(UN secretary - Gen. General Antonio)

" We are on <sup>a</sup> ~~high~~ highway to climate hell with our foot still on the accelerator ! "

(Antonio Guterres - COP27 speech)

Analytical hooks :-

In pakistan, monsoon rains that once nourished fields are now drowning entire villages - proof that climate change is rewriting the geography of South Asia.

Every cloudburst, every washed-away bridge, and every displaced family tells us one truth: Pakistan's biggest security threat is climate change, not terrorist warfare.

The tragedy of pakistan's floods is not just nature's fury, but human negligence - weak governance, deforestation, and reckless urbanization.

↳ careless.

↳ without thinking about the risks or consequences

Note:

→ if I have missed something important, related to any facts & figure kindly mention in review.

B I have uploaded Hook statements to start the essay, if suggest which one is better, or which part I need to focus on. If they are not good enough suggest or recommend.