

"Climate Change" in PAK

→ outline:

Causes:

1- Natural & Global:

- Green house gas emission -
- Melting of glaciers -
- changings in monsoon pattern -

2- Human induced:

- Deforestation
- Rapid urbanization -
- Transportational & Industrial Pollution -
- Overuse of fossil fuels -
- Poor water management -
- Population growth -

3- Agricultural Activities:

- overuse of chemical fertilizers -
- Burning of crop residue -

Consequences:

1- Environmental:

- Flooding due to melting of glaciers-
- Sea level rises-
- Heat waves due to extreme weather change-
- Desertification & land degradation-

2- Social & Health:

- Heat stroke & other illnesses & deaths due to heat stress-
- Spread of viral diseases (Malaria, dengue) due to changing rainfall & humidity-
- Disturbed livelihood due to energy crisis-

3- Economical:

- Loss of agriculture → Food insecurity
- Damage to infrastructure
- Increased poverty in rural areas-

4- Political:

- stress on governance & disaster management systems-
- increased dependency on international aid-
- Internal migration → Pressure on cities-

Introduction:

During a climate change summit held on 23-sep, 2019 ~~the~~ secretary general of UN Antonio Guterres says

The climate emergency is a race we are losing - As in 2022 Pakistan faced the worst flood in ~~her~~ history, One third of country went under water, 33 Million people were affected. Entire villages ~~in~~ Balochistan &

Sindh disappeared- UN called it as A Monsoon on steroids- Unfortunately, Pakistan is facing problems ~~due~~ to climate change ~~these~~ caused by natural & global factors, human induced factors & different agricultural activities- These causes led to severe consequences, related to environmental (floods, rise of sea level), Social & health (Heat stroke, Malaria, energy crisis), Economical (Food insecurity, Damage to infrastructure) & Political (stress on governance, increasing dependency on international aid)- Unless Pakistan addresses these ~~causes~~, Pakistan will never be able to overcome these consequences-