

climate change and Pakistan:

Pakistan is one of the most worstly affected countries by climate change. As Pakistan contribute less than 0.001% toward climate change but affect worstly due to the climate change phenomena.

Stance of Pakistan on climate change:

- * The stance of Pakistan on climate change is clear cut - that climate change is a global problem caused by increased carbon level emission, which cause increase in rising the temperature of earth from "1.1 to 1.5°C".
- * "The developed world is more responsible for climate change because they start polluting environment until industrialization revolution arises. Developing world and underdeveloping world are emission are recent phenomena. so it is collected responsibility to cut off carbon emission".
- * Pakistan is among these countries which are affected badly by climate change without contributing ~~more~~ emission into the atmosphere. Pakistan affected badly by climate change ^{through} the ~~face~~ of floods.
- * "Rainfall season of monsoon in Pakistan usually had 3-4 spells but in 2022, Pakistan faces 8 spells of monsoon".
Balochistan, Sindh broke the record of past 90 years rainfall due to heavy rain, all Indus water is 12m feet above.
According to ~~world~~ World Bank "32bn \$ loss to Pakistan in 2022".
According to UNFCCC, "More than 1 million livestock died, 1 billion people displaced, more than 30% agricultural sector affected due to intensified flood caused by climate change."
as a result of

Mitigation steps of Pakistan toward climate change:

Pakistan took all mitigated step toward counter climate change phenomena by doing

(a) Plantation

As in COP-21, Bonn challenge is completely followed by Pakistan by doing plantation along with Argentina.

Pakistan absorb more than emitting.

- As "more plantation" means more "absorbance because" plants act as "carbon sinker" and help in "net carbon zero phenomena."

(b) Installation of clean energy project

- In Pakistan, installation of clean energy project is done through moving toward "electric vehicles, solar system, Hydrothermal process of generating electricity, biogeothermal process, wind energy etc."

(c) Electric car policies:

- Pakistan in order to reduce carbonization, take step forward toward electric vehicle policies. Pakistan start investing with BIOS companies to promote electric car policies to promote clean environment. Buses like "metro, FR-Project, blue, green buses" initiatives taken by Pakistan to promote clean environmental energy.

funding - climate funding:

- Pakistan among 150 countries that affected badly due to climate change. Pakistan demand for climate funding and said developed countries not to call it as "Aid". Because

DATE: / /

carbonization is done by developed countries that is, the largest carbon emitter, US, India, UK etc along with to other countries due to which phenomena of climate change becoming increased.

- They also not achieving target of net carbon zero so due to development of developed countries, climate change increased, and developing countries faces problems of floods, droughts and storms. so it is responsibility of developed countries to fund developing countries who are lesser emitter of carbon but effected worstly, to tackle the problem caused by climate change.

~~Financial~~ financial facilities:

- In Copenhagen confrence it was suggested to established 100 billion \$ loss and damage financial funds for those countries who were affected by climate change. As: increased environmental degradationⁱⁿ caused the ecosystem.
- Pakistan along 150+ countries demand financial funds from those countries who emit carbon emission at higher ratio.

(a) loss and damage fund:

- * In Cop-27 at Sharmus-ul-sheikh (Egypt), more than 150+ countries worstly affected by climate change cannot be sustainably resolved through climate funding. so Magnitude of effectives are larger than funding of countries. so therefore a need of loss and damage

fund arises.

- According to World Bank, "20 bn\$ loss to Pakistan in 2021."
- Pakistan is one of the most affected country among 150 who faces problem of floods, storms of high intensities due to which more than "1 billion people displaced in 2022" so loss and damage funds should established for funding in agricultural, livestock etc sector.

b) soft loan providance to Pakistan

- Soft loan must be provided to Pakistan by giving timeline delayed on pre existing loan and minimum interest over the loan to paid.
- future loan must followed these 2 factor also because effect of climate change increased and development.

Conclusion:

- * Climate change is serious issue in contemporary era. Pakistan faces more perils of climate change than despite sharing low greenhouse gases compared to developed nation. To avoid its hazardous effect, it is essential to educate public sector properly. People don't give proper attention to climate change issues, so through effective media strategies, it should informed masses that there is a risk of in "do nothing" options. Competent policies should make regarding mitigation measure and adaption to avoid be adopted.