

Q Pakistan has realized the importance of making climate change of its national agenda. Discuss in case of threat to Pakistan and recommended measures that have different national initiatives from Pakistan.

Answer Introduction

"Climate crisis
is not prediction,
but happening
now."

(-Toqeer Hussain)

Pakistan has realized the importance of climate change and has set its national agenda. Unfortunately, Pakistan faces threat of climate change. Pakistan has set its initiatives and has also played a main role in COP27. Thus, Pakistan has taken steps to deal with threat of climate.

2. Climate change: an overview
'The threat of climate change is real.'
(- Fossil Burn)

The world is facing growing threat of climate change. In fact, rise of climate concern has put the world in dilemma.

"Both, developed and developing countries are responsible to climate change."

Therefore, climate change is become a problem for the world.

3. Climate Change: Threat to Pakistan
Climate change poses following threats:

a) Unprecedented floods

Pakistan faces threat of unprecedented floods

due to the climate threat. Unfortunately, Pakistan is vulnerable to floods.

"About 33 million of people were affected due to floods of 2022."

(Pakistan Bureau of Statistics, 2022)

Other losses are as below:

loss of floods of
2022

IDPs	8 million
livestock	365 million
economic	\$15 bn
districts	120
death of people	1000
agriculture	37%

(Pakistan Bureau of Statistics, 2022)

Thus, Pakistan is vulnerable to climate.

b) Rise of heatwaves and annual temperature

Pakistan also faces unbearable heatwaves. As annual temperature is increased and Pakistan is become more vulnerable to climate change.

"Jacobabad temperature was recorded at 58°C in May 2022 and people lost their lives."

(Frid Bani, Life style recalculation, 2023)

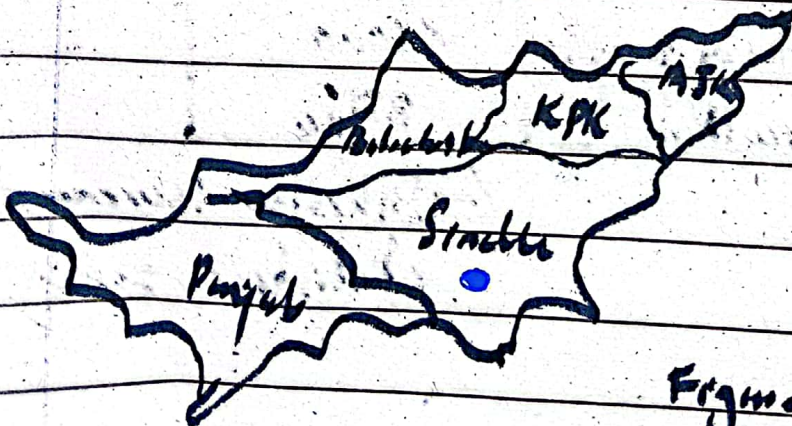


Figure: 01

Thus, Pakistan bears rising annual temperature.

c) Loss in agriculture: an economic threat

Pakistan suffers loss in agriculture. Resultantly, economy went down gradually.

"Pakistan's 19% of GDP is based on agriculture."

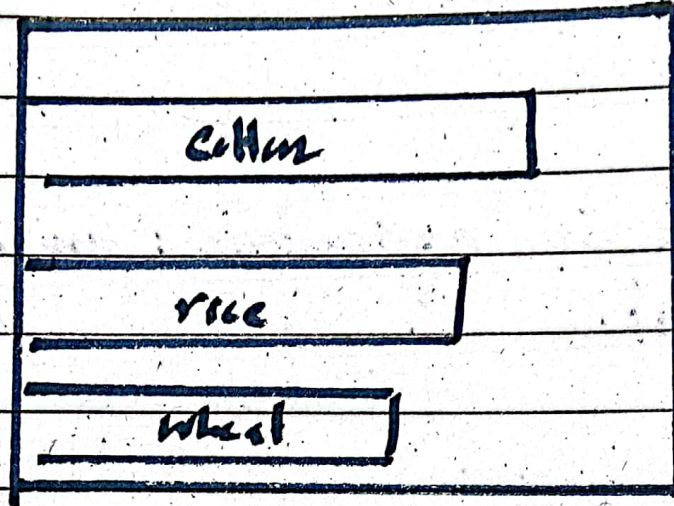
(- Economic Survey 2022)

Moreover,

"Rice export shrank by 17% due to floods of 2022."

(- Pakistan Bureau of Statistics, 2022)

Thus, Pakistan has a huge loss in agriculture.



• agriculture less in
floods of 2022

(- Pakistan Bureau
of statistics; 2022)

d) long prevailing food insecurity
Moreover, Pakistan is also vulnerable to food insecurity. Due to climate change Pakistan can not afford maximum food requirements.

"About 37% of households were facing food crisis in 2021"

(- Sindh Waqar,

Hence, Pakistan faces long-prevailing food insecurity. ^(Malnutrition 2002)

e) Humanitarian loss at peak
Pakistan also lose its people due to threat of climate change. People are unable to survive in the threat of climate change.

"About 10 people
lost their lives in
Sindh due to
threat of global
warming."

(Al-Jazeera 2002)
Thus, Pakistan is vulnerable to climate change.

4- Assessment of Pakistan's response
policy against climate change
Following are

Pakistan's initiatives:

a) The National Climate Policy of 2012 to curtail threat of climate change.

Pakistan has framed a policy of climate change to deal with threat of climate change.

• Pakistan will reduce about 12% of carbon emission till 2027-11

(AIJ 2007, 2012)

Thus, Pakistan has framed the National policy to deal with climate threats.

b) The National Clean Air Policy of 2023

Further, Pakistan has also framed the NCAAP of 2023 to curtail threat of climate change.

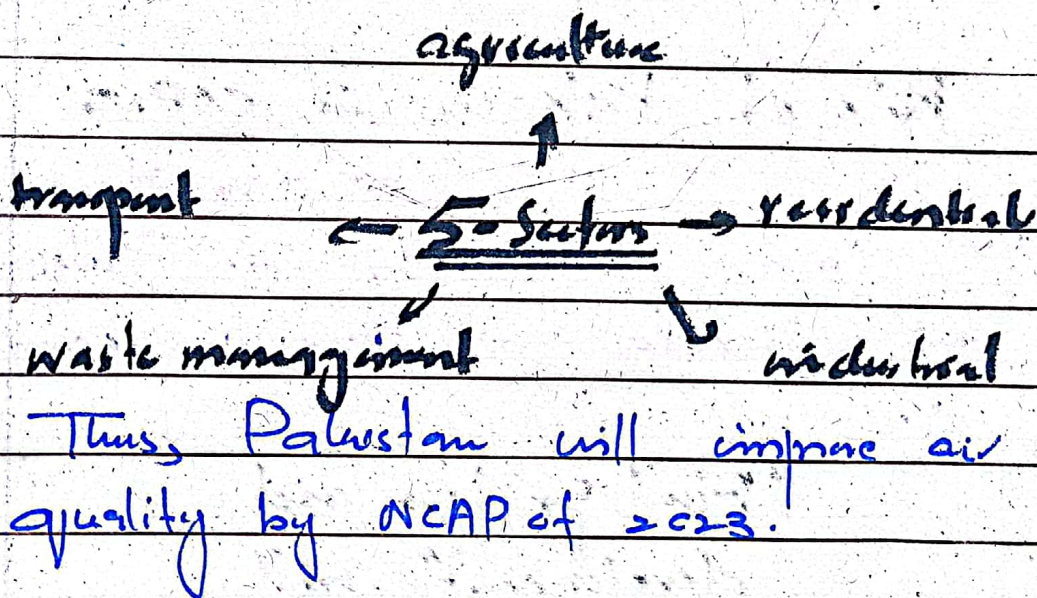
"Pakistan can save
\$46 billion by improving
climate policies."

(The World Bank)
2023

Moreover,

"Pakistan will improve
86% of its air quality
by successful implementation
of NCAP of 2023
in five sectors."

(Shirah Rehman)



e) Generation of energy from renewable sources

Further, Pakista-



an has set agenda of energy generation from renewable resources.

Pakistan will fulfill its energy needs from renewable sources.

Pakistan will produce 60pc of its energy from renewable sources by 2030-31.

(Pakistan Bureau of Statistics, 2023)

Thus, Pakistan will shift to renewable sources.

5- Role of Pakistan in COP27

Pakistan played a main role in COP27. Pakistan advocated for developing countries' loss.

"Fund for 'loss and development'" will be provided to affected countries.

(COP-27, 2022)

Thus, Pakistan played a major role in COP-27.

6- Conclusion

"Climate change has affected the lifestyle of humans."

(- Zubair Mustafa)

Pakistan has realized the importance of climate change. Pakistan, unfortunately, is vulnerable to climate change. Therefore, Pakistan also played role in COP-27 to curtail threat of climate change.