

Climate change and Pakistan economy

Outline:

① Introduction

② What is climate change?

③ Pakistan and climate change: Current scenario.

④ Hazards of climate change.

(i) Rising temperature and heatwaves

Case in point: Rising temperature and intensification of heatwave causes deaths.

(ii) Extreme weather

Case in point: Climate change causes intense storms, droughts and heavy precipitation.

(iii) Sea level rise

Case in point: The global sea level has risen by more than 8 inch (20cm) since 1880.

(iv) Food and water insecurity

Case in point: Locus species attack in Sindh caused food insecurity.

v) Biodiversity loss

Case in point:

5 Causes of climate change

(i) Burning of Fossil fuel.

Case in point: Increased level of CO_2 in atmosphere.

(ii) Massive deforestation

Case in point:

(iii) Industrial Process

Case in point: Rapid industrialization.

(iv) Waste management

Case in point: Unappropriate method: Incineration.

(v) Weapon of mass destruction

Case in point: Extra activities of nuclear tests.

6 Impacts of climate change on Pakistan economy.

(i) Impact on agriculture sector

Case in point: Pakistan Economic Survey 2022-23, agriculture sector only recorded 1.6% growth.

(ii) Impact on infrastructure and homes

Case in point: Flood of 2022: loss of \$3.3 billion as per PDNA.

(iii) Scarcity of fresh water

Case in point: As per NASA report, Pakistan's glaciers are melting more rapidly.

(iv) Reduction of livestock

Case in point: loss of \$3.7 billion as per PDNA.

⑦ Conclusion: