

Climate Change

Outlines:

① Introduction

Thesis Statement: Climate Change refers to long-term changes the earth atmosphere, including earth temperature, rising sea levels and changing weather patterns. These changes primarily caused by human activities, such as burning fossil fuels, deforestation which release green house into atmosphere. To overcome this issue we must reduce emissions, shifted to renewables.

② climate change a global issue

③ Role of Intergovernmental Panel on climate Change (IPCC)

④ IPCC 2019, reports on climate change.

② Causes

(a) Natural Causes

- (i) Solar Radiation
- (ii) volcanism
- (iii) plate tectonic
- (iv) Carbon Dioxide (CO_2)

(b) Human Causes

- (i) Industrial Revolution
- (ii) Deforestation
- (iii) Green house gases
- (iv) global warming
- (v) CFC's
- (vi) over population
- (vii) Fossil Fuels combustion
- (viii) Ozone depletion

(c) Economic Drivers

- (i) Globalization
- (ii) Reducing green lands
- (iii) Agricultural Revolution
- (iv) No bio degradable waste
- (v) Extraction of minerals.

(3) Effects ↓

- (a) Surface Temperature high
- (b) Forest Covers (Forest Fires)
- (c) Frost Free season
- (b) Sea level changes
- (c) Glacier Melting
- (d) Heavy rain

(4) Combating Global Warming

- (a) Earth Summit 1992.
- (b) Cop27 Summit
- (c) Sustainable Developments

(5) Suggestions:

- (a) Growing more forests
- (b) Alternative source of Energy
- (c) Low carbon technologies
- (b) Lowering inequities of Resources
- (c) Spread information
- (d) Drought tolerant crop
- (e) Improving Infrastructure

(6) conclusion

Water Crisis In Pakistan and Remedies

① Introduction

Thesis Statement: Water is one of the most important natural resources. It covers one-third of area of the earth. Unfortunately, due to lack of proper measures for securing and preserving natural resources, our country is suffering from water scarcity. An effective management strategy enable us to meet the challenges.

② World Bank and Asian Development Bank reports

③ Indus Water Treaty, 1960.

④ Causes of water crisis

(a) No dams construction

(b) Dispute between provinces

(c) Demand of Sindh

(d) Punjab's role

(e) Lack of proper water management

(f) Climatic changes

⑤ Indian Propaganda since 1947

(a) Standstill Agreement

(b) Role of president of the World Bank

(c) Indus Basin Treaty 1960.

(d) Transitory Time

(e) Success of IWT

⑥ Sources of water

(a) Indus River

(b) Tarbela dam reservoir

(c) Mangla dam reservoir

(d) Chasma barrage reservoir

⑦ Impacts on Economy

(a) Less water, less agricultural

- (b) Effect livestock
- (c) Less production of main crops
- (d) Unemployment
- (e) Disputes between the provinces.

⑧ Recommendation

- ① Chashma dam
- ② Kalabagh dam
- ③ Thal reservoir
- ④ Raised Mangla dam
- ⑤ Mirani dam

⑨ Water Management

⑩ Use Of alternative sources of energy

⑪ Conclusion