

(Date-15-09-23) (ns-1) Geography)

Q) Explain how the extreme weather, vulnerable geography and crumbling infrastructure has contributed to Libya's catastrophic flooding. How does this draw parallel to the floods in the Himalayan plains in India. Compare and contrast. (250 words)

Ans) The flooding occurred due to exceptional rainfall at Bayda and Derna, receiving minimum rainfall but now it experienced a record breaking rain.

- Extreme weather was caused by storm Daniel, also known as cyclone Daniel, originating in Greece and it moved across the Mediterranean Sea.

- Vulnerable Geography

- Derna, a coastal city with approximately 2 lakh inhabitants are there

- The city location at the end of a valley and bisected by the wild Derna seasonal river. Dams made it.

Crumbling Infrastructure

- The collapse of the dams highlighted Libya's dilapidated infrastructure.

- The Govt. does not focus on maintaining and developing critical infrastructure, including dams, desalination plant, electrical grids and roads.

- Its lack of flood-resilient structures, roads and early-warning system exacerbated the catastrophe as flooding is rare in the region.

- Impact of La Niña on formation

- 11 of climate change

comparative and contrast between Himalayan plains and Libya

Geographical factors
• In Libya is present in coastal region where as Himalaya is located in mountain

• But both Libya and Himalaya faces extreme weather condition and flood, cyclone, etc

climate factors

• Libya's flood occurs due to El Niño effect where Himalaya's flood occurs due to El Niño effect.

• Both region flood have due to climate change, global warming etc

Social factors

• In Libya there are 1 lakh inhabitant lived there where as in Himalaya less inhabitant are there.

• But in this region's human activity impacted their climate change

Political factors

• In Libya, their govt. don't conscious about natural disaster but in India's govt is taking strong action for face natural disaster.

• In India's govt's early warning system save some life but in Libya there is no system.

Infrastructure

Libya's infrastructure made on the bank of river so lost it. Similarly in Himalayan regions, infrastructure build in mountain area so it also lost it.

In summary of It is said that the Libya faces extreme weather condition and vulnerable climate and it present in mediterranean region. In India Himalaya is also present on mountain region. Both area impact due to climate change. poor infrastructure etc impacted. But main contrast is Libya is located in coastal area it faces rain it may be true but Himalaya is present on high place it also faces natural disaster.