

Drought is a type of natural disaster that silently cause chaos. In the current era drought ~~is~~ has become an inevitable and unavoidable issue, mainly caused by ^{several factors of} climate change. Diverse rain patterns; ^{intense} heavy rainfall accompanied by harsh winds; lower or delayed rainfall often contribute to drought.

Monsoon spell of August and September, 2025, was the most severe phase of the season that caused widespread devastation and swept away ~~the~~ thorough access of agricultural land (NDMA).

Hence ~~climate~~ the changes in rainfall pattern is one of most prominent factors of climate change that contribute to drought.

Among the factors of climate change, in addition to diverse rain patterns intense summers are also among the major factors. The above average temperature

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of summers usually with intense heatwaves leads to the frequent drying of soil. Due to intense heat soil cannot retain water and the plants ^{suffer from} ~~become~~ ~~permanently~~ heat stress. with temperature above threshold level, even ~~not~~ ^{controlled} ~~reduced~~ by ^{moderate} rainfalls. According to NDMA highest temperature in 2025 that hit Islamabad was 45°C with average temperature of 39°C . Beside agricultural drought water drought will dominate the world as early as by 2030 by 40%. In a nutshell drought regardless of its nature and source a life threatening disaster of job nature.

Beside the natural causes of a drought it is also caused ~~by~~ due to lacking effective policies and neglect. Even though it is clear that drought is a natural disaster but it can be avoided ^{or} ~~and~~ influenced by human interactions. There is no effective

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policy to store water in water reservoirs during intense rainfall, but it often results in flooding. Similarly lack of agricultural planning; integration of modern agricultural techniques is not practiced world wide. Only 70 countries have adopted modern agricultural techniques to combat drought. ^{several} ~~most~~ of the middle east^{ern} and south asian countries lack water reservoirs. Hence ^{lack} ~~introduction~~ of practicing new techniques to combat drought is also one of the prominent cause of drought.