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Flood Management IN Pakistan: Failure

Lessons AND Future Strategies

(1) Introduction

"Pakistan could managed the Flood properly a lot of villages become the victim of this disaster.

It is the lesson for Pakistan that how the poor governance and absence of proper infrastructure bring devastation. Pakistan should adopt proper measures for the safety of the future. It should adopt measures both at structural, political and infrastructural level. In this way Pakistan will be able to avoid this disaster's horrible impact.

(2) How poorly managed flood
bring destruction in society.

(3) Impact of the failure of the poorly managed flood.

- (a) Loss of the huge amount of water
- (b) Loss of infrastructure and lives
- (c) Spread of disease in flood victim area.
- (d) Impact on the quality of soil
- (e) Economic disruption of the country
- (f) Impact on the social life of the individual.

How uncontrolled ~~at~~ flood bring a great lesson for Pakistan

- (a) Increment of the capacity of storage in the water storage.
- (b) Storing of water for future generation.
- (c) Impact of anthropogenic activities.
- (d) Devastated impact of the deforestation
- (e) Impact of the absence of the collaboration among federal and provincial government

Strategies for future ^{by} avoiding the devastated impact of flood

- (a) Building Dam and water storage.
- (b) Afforestation and Reforestation policies should be implemented.

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c) Collaboration between provincial and Federal government

1) Establishment of local government.

Proper infrastructural and urbanization policies should be implement.

Conclusion,

A very famous folk tale tells us about the gr

A famous folk tale tells us that a man should mend his mistakes after its first attempt. A stitch in time saves nine describe that how neglecting mistakes will bring huge loss in the future. In the same way Pakistan has faced a lot of loss due to flood. It occurs due to the climate change and it also has to face the great loss because it is the low riparian area. The country is among included among top 10 countries which are facing the drastic impact of flood. The 2025 flood has bring great devastation with it. Pakistan could not be able to control its impact therefore it faces huge loss of infrastructure, lives ^{stock} and life economic disruption. It impact on the quality of soil and social life of human being. This flood teaches the Pakistan that it faces the great loss because of having lack of proper water storage bodies, outcome of anthropogenic activities, deforestation and the absence of collaboration.

between provincial and federal government. The strategies should be adopted for shunning the devastated impact of the Flood in future like the building of the proper water storage bodies, Afforestation, collaboration between Federal and provincial government, and establishment of the local government. These measures proves helpful in future by avoiding the devastated impact of Flood.

How poorly managed Flood brings great devastation in Pakistan. Pakistan is not only facing the huge impact of Flood in this year. It faces the devastated impact of Flood in **2022, 2010 and now in 2025**. The 2022 flood brought great loss and as according to PM "Pakistan has suffered \$32 bn economic loss due to flood" (PM, Shehbaz Sharif in UN Climate Change Conference 2022). The devastated impact of Flood is not a new phenomena. Flood occurs every year in the rainy season it is the duty of Pakistani government

that they should adopt proper strategies for combating these problems.

Impact of the failure of the poorly managed flood in Pakistan can be observed through various aspects.

The first and impact of the flood is the loss of water. The water scarcity is becoming the great problem for Pakistan. The crops need water. The flow rate of water in the river of western part of Indus water, have decreased.

The crops of cotton and rice needs water.

The latest economic survey shows that the decrease of cotton exports in the year 2024 because of its having the low intensity of water in its rivers they could not fulfill the needs of the cotton's crops.

The latest pile of water are wasted only due to the absence of the water storage in the country. The glaciers are melting.

The fresh reservoir of water is going to be wasted. As according to the climate Research department

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The glaciers are going to be melted in great speed. Pakistan should store this water by making water reservoir. However, the country is wasting its ~~stor~~ naturally stored water due to the absence of water reservoir.

Moreover, the country is not only lost its huge amount of water but it also brings great destruction. Many infrastructure are ruined due to the flood. The roads, bridges, motorways and houses required a lot of spending for their buildings. The flood ruined all the infrastructure.

As according to the research "there are 500 bridges, 10,000 houses and 1000 miles road are being ruined due to the flood 2025. (31-Aug 2025)"

The latest data shows that how flood directly and indirectly impact on the infrastructure. Some villages are totally ruined by its impact. Although, the government takes certain measures for the safety of the people but still it

the flood also takes the lives of people. According 2015 August data shows that the 500 people have lost their lives 1000 are injured due to its impact. The flood impact on both infrastructure and the lives of human beings.

The flood does not only destroy the infrastructure and the lives of human being but it also impact on the life of people. It brings a lot of diseases. People are affected by flood in a great of numbers. Most of them do not have access to clean water. While on the other hand various vector and viral diseases like dengue and Malaria are also the outcome of the flood. According to the report 2015. "The most cases of ^{the} malaria and diarrhea are reported in flood victims in 2015." The flood also affect indirectly to its ~~into~~ victims. In this way, the burden of disease increase in the

country due to its affect

The 'Flood' is not only

impact on the 'humans' The Flood is not only brings destruction for human beings but it also destroys the soil of the country. Although the riverbed brings fertile soil with it. It increases the fertility of the ground but in some cases it also destroys the soil of the country.

These affects of 2022's Flood show that

there are many acres become barren because of the Flood. The people could not grow anything on it and these areas become infertile due to the long stagnation of water. So, the Flood also impacts on the fertility of the soil.

Moreover, the Flood

does not bring only devastation in the lives of beings it also impact on the economy of the country. As the economy of Pakistan is based on agriculture.

More of the GDP is based on agriculture.

The Flood ruins the agricultural areas

The crops are ruined. The government ~~st~~ have to handle the flood affectees.

As according to report WB 2015 "Pakistan is facing deficit in currency because of its increment in agricultural imports in the month of August."

(W-B report 2015 27sep) The economic condition of the country is unstabilized because of the ~~ab~~ impact of flood.

However, the flood's also impact on the social life of the people. Pakistan is not get good index in Human development growth in 2015. The people are also living in a hardly proper condition. The flood destroys their houses, schools and buildings. As in KP's flood ruin the school. Then the children cannot get proper environment in school. "As the government would spend budget on the development project and ~~an~~ advancement of infrastructure. now it may going to spend for reconstruction." (Talal Hussain

Impact of flood (20 Aug 2025). In this way the flood impact on the social life of the people.

The great destruction of the flood brings a great lesson for Pakistan. Firstly, The government should do work for increasing the capacity of the water storage. As the latest current reservoir of water cannot control the water. They were spilling out from their brinks. As many villages are becoming the victim due to the lack of the capacity of water reservoir. It is a great lesson for government that they should do work for the increment of the capacity of existing water storage (Nasra Hameed. Absence of water storage 23 July 2025). Therefore the government should do work for increasing the capacity of the water reservoir.

The second and the most crucial lesson for Pakistan

is that they should store the water for the next generation. The largest reservoir of the water is glacier.

One of the main reasons of the huge amount of flood in the KP and Punjab is the melting of glacier. The country should do efforts for saving the water for the next generation. As the

flood in Gilgit Baltistan in the month of August occurs due to the explosion of glacier. When

the glacier will vanish then how the nation will fulfill its water requirement. So it is the lesson for the government that they should spend budget on building infrastructure for saving water.

Thirdly, the impact of the flood does not only highlight the natural causes of its occurrence but it also highlights that various anthropogenic activities are also becoming the cause of its occurrence.

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various activities of human also contribute the occurrence of the great impact of the flood 2025. The people do those activities which increase its impact. As "it is a man made flood - as people are living on riverbed. --- improper infrastructures policies and improper urbanization increases the devastating impact of the flood." (Khawaja Asif, the defense Minister of Pakistan) When people do not follow proper infrastructural policies and make the building on the riverbed and near its the bank of the river then it will become the most dangerous zone of its impact and the flood will swallow the whole area.

Further, the government learns that how the negligence from the crucial issue of deforestation bring great destruction. The trees does not only provide oxygen but they also make the layer of earth strong which shows

great resistance towards the natural disasters and brings less impact of natural disaster. The Flood also impact on the mountainous areas of Pakistan. The people are involving the activities of deforestation. As according to research article about why Swat has faced the devastated impact of Flood shows that "The people are involving in the activities of deforestation and sell the timber. The soil of the area has lost its grip and prove not restable in Flood. (Shukhaina Khan. "Flood in Swat 2025"). So, "the anthropogenic activities bring destruction and destructive impact of the natural disaster."

The government also suffers its great impact because of its absence of the collaboration between Federal and provincial government. The Federal government wants to build dam for storing water and avoid the nation free from Flood

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but the government of sindh claims that they punjab government should not steal the water of the sindh.

The kp also showed its concern in the past that if the kalabagh dam are allowed to be build then the main advantage is only goes to punjab government. As in the year 2024 Maryam Nawaz tried to build canals and provide water to desert areas. ~~for~~ ~~as~~ ~~they~~ she makes this plan because she wants to avoid the wastage of water and flood.

The sindh government takes it as a "canal dispute." In this way, the lack of collaboration between provincial and federal govt bring great devastation.

There are few strategies which prove helpful for the government of Pakistan which prove helpful in avoiding the great destruction of the flood. As the first one is building new dam and ~~it~~ ~~increament~~ in the storage capacity in the existing



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water reservoir: As the climate change has become the greatest alarm in the whole world the government should invest in the water reservoir. The government should build more dam and increasing the capacity of the storage of water in the established water reservoir. The current water reservoir's capacity is too low. As per "we should build Kalla Bagh dam for the safety of the future's generation" (CM of KP Ali Ameen Gandapur). Kala Bagh Dam has the great capacity's concept. The government should take steps for its establishment.

Secondly, the government should adopt the strict policies for the afforestation and reforestation. They should not allow the deforestation in the country. The trees are the basic source of food, oxygen and clean





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clean environment. The reforestation and afforestation has become a urgency for Pakistan. "Although Pakistan's ~~is~~ carbon emission amount is less than 1pc but it faces climate change's impact due to its deforestation and absence of the reforestation and afforestation urgency and its implementation in its policies (Amina saeed, The need of tree, 22 June 2025). Therefore, the government should make policies for its implementation about the issue of deforestation.

Furthermore, the government also take measures in the collaboration between the federal and provincial government. The absence of the federal and provincial government's collaboration brings disputes over certain issues. The provinces Although the Council of Common Interest try to solve the disputes but it remains in vain in certain matters. The provincial government does not allow the federal government



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to do various steps. The government should prefer the national interest over provincial interests. They should bring suggestions and solutions over national issues on the table. The flood's impacts in the country are the outcome of the lack of collaboration among provinces. So, the provincial government prefers the national interest and becomes acts as like a statesman not a politician.

The forth and most crucial strategy is the establishment of the local government in Pakistan. The most problems at local level can only be resolved at local level. As the local person aware about the situation of their area they implement their proper actions and policies and trying to find the logical solution. As according to Farhan Hamid the urban flooding in 2015 in Pakistan is the outcome of the absence of local government.

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The government should establish local government for resolving the issue at local level. Therefore, the need of local government is crucial for resolving the matters at local level.

The last and the crucial suggestion is that the government should make proper policies for urbanization and infrastructure. As the Swat Flood show that the improper implementation of ~~the~~ policies brings great devastation. The government should not ~~but~~ allow the builders to build houses on the river bed or near the river bank. **Its Khawaja Asif suggests that the government should make proper policies for urbanization and and infrastructural development.** The government imposes fine on those who violates the law. In this way the law will rule and ~~at~~ the country will be able to avoid

the drastic impacts of flood.

To be concluded, the flood is the natural disaster which brings a lot of destruction but its drastic impact increases due to the some faults of human beings. The flood brings great losses at infrastructural, economic level it brings effects indirectly by bringing disease which impact on the country's economy. It also impact on the people's lives. It also brings great lesson for Pakistan that how some faults bring great destruction. As it occurs due to the absence of water storage capacity, the impact of anthropogenic activities, drastic impact of the absence of collaboration among governments and the drastic impact of deforestation. There are some suggestions which will prove show the drastic impact of flood. For example preference of national interest, but it should remain the

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the priority of the government urgency of the afforestation and reforestation, establishment of local government for resolving the issues at local level and Urbanization and infrastructural development needs proper policies and its implement. If the country follow these suggestion then it will be able to avoid itself from becoming the victim of future's flood. Then this disaster does not remain disaster it becomes a blessing in disguise and proves helpful in storing water. Climate change is not a new phenomena the government should take steps how to avoid it.

**Its a time for seeking
direction and action
not peeping**

(Julina Cessa)