

A Comprehensive Analysis of Recent Flood Disaster & Their Economic Impact on Pakistan Economy & Its Causes

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Abstract

In the current situation, Pakistan is not only suffering from political crisis but also from severe economic crisis. At present, Pakistan cannot bear the burden of any kind of minor crisis, whether it is social, political, and economic or any other type of crisis. At present, the external debt of Pakistan is \$110 billion & internal debt in Pakistan touching the sky. Public debt of Pakistan is around 54 Trillion PKR (\$248.7 Billion) which is 80.2 percent of Gross Domestic Product. At present Pakistan is taking package of \$1 Billion from the IMF (International Monetary Fund). At the same time floods start from the northern province of Pakistan KPK (Khyber Pakhtunkhwa) area in Pakistan & cause the irreparable damage to this province as well also spreading destruction through south Punjab Province & its adjacent area & also spread destruction in Provinces Sindh & Baluchistan. According to a conservative estimate, the flood caused an economic loss of \$30 billion in Pakistan quarter of the country external debt.

Keywords: *Comprehensive Analysis, Flood disaster, Pakistan, Economic Impact, Causes*

1. Introduction

According to current report until more than 2000 people died in the recent flood in Pakistan. Rasheed, S. B., Butlin, R. K., (2013) Archived from the original on 19 August 2022. Retrieved 29 August 2022. Flood started from the start of June. In these 2000 mortalities children, women, old & young age people died. Behind the main cause of flood is recent change in global environment global warming melting of glaciers & heavy monsoon rainy season no proper management system to control & handle the natural disaster flood or earthquake even, the northern area of Pakistan is hilly & consist of mountain range the world 2nd highest mountain K2 is also located in that region between KPK (Khyber Pakhtunkhwa) & Gilgit Chitral, previously in 2005 Pakistan also suffered from a huge disaster of Earthquake in Azad Kashmir suffered a huge economic loss everything was destroyed there people have no shelter & food for their survival after long time later Pakistan cover that loss with the help of International donation Maqsoom, A., Aslam (2022). Raza, Syed Irfan (26

August 2022). "Donors pledge \$500m for flood relief efforts". Dawn. Archived from the original on 26 August 2022. Same like now from the independence to until now Pakistan never suffer from such a big flood in past there is flood in 1992 that time also Pakistan suffered a lot of damages & losses economic loss financial crisis as well as life losses, but we never learned from our mistakes we didn't make concrete policies to tackle this kind of disaster, and we have not taken any steps to prevent these disaster in future as well, So as a result of this, in 2010 there was another flood in KPK (Khyber Pakhtunkhwa) Javed, U., (2022) province of Pakistan, due to which many lives & financial & economic losses were incurred, people's houses & businesses were destroyed. All the crops were destroyed most of the people's in KPK (Khyber Pakhtunkhwa) grow Onion, Cabbage, potatoes all these crops were destroyed, due to which supply chain in the market also disturbed & badly affected. Prices of edible food items & vegetables gone up because of supply chain demand was affected, One province

suffered from all losses & other one also suffer from economically & financially, In KPK Province fruit are abundantly found which are exported to other countries also consumed locally, So in the result of flood fruits industry are also badly affected and Pakistan also lost its foreign exchange external revenue which obtained by exporting the fruits.

In short overall Pakistan public & government suffered a huge losses from all aspects but after 2010 flood we still not learn from our mistakes there is lot of loopholes in Pakistan administration system they didn't make done any planning regarding future natural disaster & catastrophes. We forget the past & Government came & went, none of them did anything to prevent natural calamities. And finally another huge flood occurred in Pakistan in SDtar of June 2022 which devastated the Pakistan economy very badly.

According to recent survey Pakistan suffered a loss of \$30 billion presently & this amount could be increase from \$30b billion to \$50b billion including life losses 3 provinces are badly suffered but among of these 3 two province Sindh & Balochistn are sufferd more in Sindh people's have no shelter for living no food for eating most of the population in Sindh & Balochistan are living in rural areas & they mostly dependent on agriculte & farm business they grow the crops of wheat onion potatoes,tomatoes, & get mil from cows & buffalos also from goat & sheeps in this dangerous & big wave of flood their everything s washed away in the water nothing left neither house or shelter nor their crops & cattles everything devastated .Peoples's are compelled to live in plastic tents still there is no proper system of food,peoples's are dying from diseases,healty peoples's are suffering from disease there is no proper medication & food system conditions of peoples's are very bad & pitiable,why this all happen because of developed countries envoinmental pollution & incompetent & ineffective Governments & ineligibile administration & bureaucracy system. These are the major factors due to which normal public are suffering without no reason.

2.Literature Review

2.1 Devastation in KPK (Khyber Pakhtunkhwa)

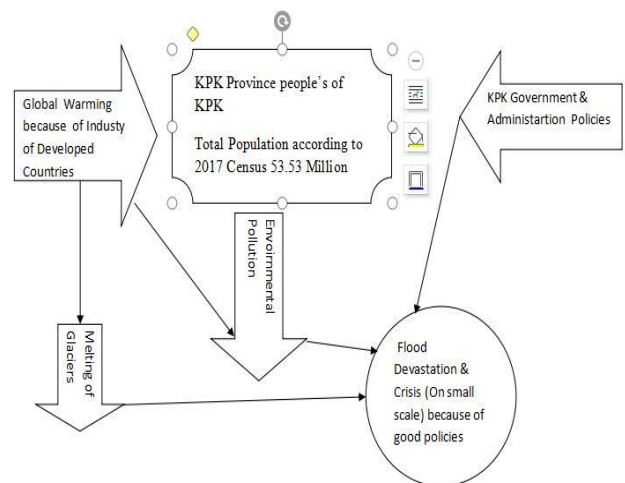
Pakistan floods: Khyber Pakhtunkhwa witnesses devastation

Although n KPK devastation was less then from Sindh & Balochistan,but KPK also peoples's also suffered from recent flood according to survey there was 17 peoples died & financial & economic losses beared by KPK public in Swat & their adjscent area when flood pass through the Swat beautiful tourism valley KALAM everything was destroyed there Hotels, Resorts Parking place,houses & markets all shops & touristic purpose places all washed away in the water Fida, M., Li, P., (2022). Kalam is very beautiful Valley in the KPK Swat district when peoples's come around all the world for touristic purpose also within

the country from Punjab Sindh & Balochistan & KPK government collect a huge revenue by this tourism Valley but now because of flood everything destroyed & peoples's also suffered government also suffered from financial & economic loss,public are compleed to live in Plastic & silver made tents noi proper sanitation or food system because that area is consist of mountain range & in the winter season there is lot cold snow falling on the mountains so this time is very hard for the peoples's of Swat & KPK normally Swat peoples's always went another provimce in Punjab for the purpose of employment & sustenance because in winter there is toomuch cold they are not able to do work in the winter season so rthey always went to Punjab or other provinces for employment but the people's which left there will suffered from the current flood catastrophes. Swat & KPK is famous for dry fruits & other fruits Almond,walnut,apricot,plum,Pistachio,Fig & many more from these dry fruits people's earn lot of revenue to sell the other cities & provinces & also export to other countries so over all government also get benefits but now most of the fruit industry are damaged badly tourism sites are damaged public suffering a lot of losses.

So overall KPK suffered a loss of between speculation \$2 billion to \$5b billion but if there was lack of good governance then they suffer much bigger loss then other provinces like Sindh & Balochistan . Even KPK population is more then Sindh & Balochistan instead of theis they suffer less loss then other 2 provinces respectively (The news 17 August 2022).

So the public of KPK evacuate safely from major losses.



. Fig 1 The Model of Causes of Flood Disaster in KPK (Khyber Pakhtunkhwa) Province



Image 1.1
 KPK (Khyber Pakhtunkhwa) Situation in flood



Image 1.2 In KPK People's are drowning in flood water
 Image 1.3 Houses are blowing in flood water & thunder storm

2.2 Devastation in Sindh Province

Pakistan floods: Mass Destruction of Sindh

According to census Sindh is the 3rd largest of Pakistan the population of Sindh is according to 2017 Census 47.89 Million people's are living in Sindh province. Sindh Capital & biggest city is Karachi it is also most populated city of the Pakistan also considered mini Pakistan, Karachi is the city which generate maximum revenue for Pakistan but having all these importance Karachi is considered most filthy & polluted city in the world because of bad policies & corrupt Government, Sindh province is suffering form last 50 to 60 years because of bad governance corrupt & dishonest Government they always came into power with public support & always stabbed to that public because of that they came into power Amjad, M. (2022).

In Sindh most of the population lived in rural area & there is a huge rate of poverty & illetracy rate is very high there is a system of rich & poor Rich is called "wadera" who always ordered to poor & have lot influence on them & poor peoples's condition are very bad & pitiable even some areas of Sindh have no proper sanitation system. They have no water for drink the area is called "Thar" in this area people's of this region also crave water. So when flood came from KPK province to Sindh it caused & spread mass destruction .In recent flood Upper class richest & land lords (Jagirdar) diverted the water flow from their land to the land of lower & poor farmers & backward people, but the flood damage was so big that the lands & crops of Rich Land

Lord(Jagirdar) were also destroyed completely. According to care full recent survey Sindh has suffered a loss of \$15b Billion to \$20b Billion in economy. Houses are completely destroyed Cattles & Livestock also died crops of banana fruit are completely destroyed .Sindh is famous for Mango, Bnana & Date fruits but this year all fruit crops are completely destroyed peoples's are comppled to live in artificial shelter tent that is donated to them by international countries UNO & different other organizations also helped out them, Punjab province helped a lot providing them food shelter & the basic necessities of life, But Government of Sindh is still doing corruption the external aid that people have received is not reaching to the deserving people, it is also being consumed by the Sindh Government & Administartion 7 people's are starving to death & Sindh Government & Administartion have no sense of realization. In Sindh almost 1000 are near peoples died in flood havoc¹⁰ (" Critical Humanitarian Assistance for Flood Response in Pakistan" (Press release). Islamabad: U.S. Embassy & Consulates in Pakistan. 30 August 2022. Archived from the original on 30 August 2022. Retrieved 30 August 2022).



People's houses are under the water' in Sindh

Image 1.4



People's are in the water

Image 1.5



Image 1.6

People's Children & women are rescued by the volunteer & Rescue Team

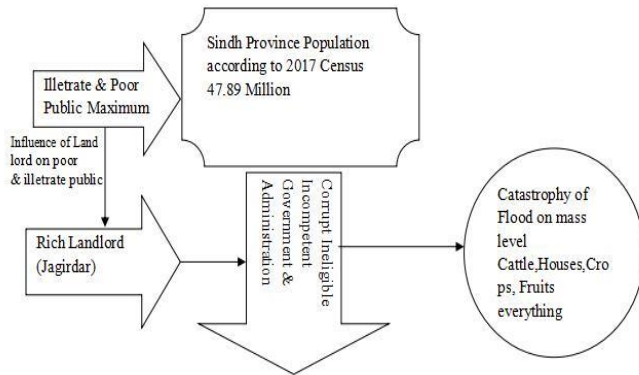


Fig 2 The Model of Causes of Flood Disaster in Sindh Province

2.3 Catastrophe of Balochistan Province Pakistan floods: Flood wreck havoc in Balochistan

Balochistan is the province with the largest reserve of Pakistan Balochistan is full of minerals & reserves Natural Gas, Glod Silver & other lot of metals are mainly founded in this province now Balochistan is most considerable province because of CPEC China Pakistan Economic Corridor from which China can do their export to other countries from one belt one road project the Gawadar Port have lot of significance no a days that is in Balochistan province. Balochistan is the largest province of Pakistan in terms of area. Fang, D. (2022).

The population of Balochistan province according to 2017 Census is 12.34 Million capital is Quetta most of the Balochistan people’s are connected with agriculture & cattle farming business in the recent flood they suffered from big losses & damages, there is mass destruction of cattle farming business as well as agriculture industry. In the flood havoc in Balochistan around 600 death was recorded in that men ,women & childrens are included.

18 bridges and 690 km of roads have been destroyed completely because of big wave of lood & rainfall. This year Balochistan has seen unprecedentedly heavy rains because of recent change in weather & big wave of monsoon rain around all the country for long time . Because of the flood the mechanishm of everything was completely collapased ,Electricity, Internet ,Gas connection ,means of travelling & all other sources which is the permanent need of human being .

According to cautious estimate a total of 1,07,377 cattle have also been reported dead in the floods catastrophe more then 3 Million peoples are affected from flash flood in Balochistan around more then 2000 peoples are injured and thousands of people’s men ,women & childrens are suffering from different kind of freaky diseas especially pregnant women’s are suffering from diseas baby in mother’s womb also suffering people’s are loosing their health & wealth⁸(Kaamil, Ahmed; Zofeen, T Ebrahim (31 August 2022) . The rainfalls in Balochistan and Sindh this year have surpassed & broke the all past records from last

62 years Balochistan area is also contain mountain & hills in the hilly area because of landsliding people’s suffered from big losses also. So overall it has been seen that Balochistan suffered a lot with this Balochistan is the most deprived province of Pakistan as even basic needs are not provided there , Provincial Government is very corrupt & dishonest just use the public vote for cam into power when they came into power they forget the public need & desires that is necessary for & province or country in Balochistan literacy rate are not much high just same like Sindh peopple’s have not much sense to fight with their right so they always sufferd by government & Landolord people’s of Balochistan .In Balochistan few families are ruling over this province from last 705 years because of that the condition of that province is not changed. The provincial Administration is incompetent & ineligible even they have a department PDMA Provincial Disaster Management but having these all institutions Balochistan suffered a lot loose the life of people’s , loose their cattles (sheep,goat), losse their crops etc.



Image 1.7 Cattles are suffering from Flash Flood



Image 1.8



Image 1.9

Houses in Balochistan fully collapsed A scence of Flood wave in Balochistan

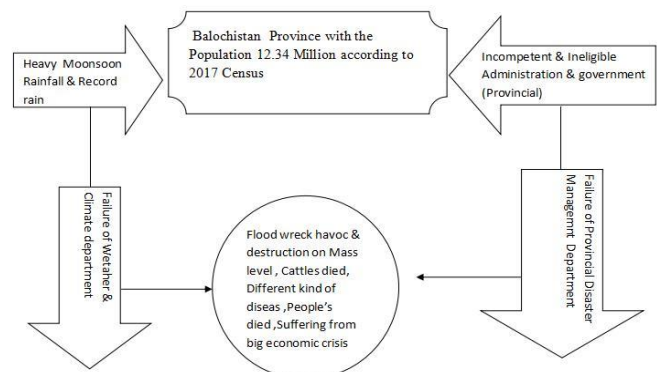


Fig 3 The Model of Causes of Flood Disaster in Balochistan Province

3. Discussion & Findings

From the research of this paper we find the many reasons which causes of flood & due to flaf flood Pakistan economy suffered a lot beyond the imagination because presently Pakistan economy already stumbling no stability & market volatility is very high huge inflation rate negative economy unemployment political crisis unrest in the financial market & institution curreny fluctuation & devaluation so these are all major factors due to these Pakistan already suffering for economically & financially at this Pakistan is not able to bear any major big loss in the form finance or other economic source. But in such a situation recent flood disaster broke the backbone of Pakistan economy. From all this discussion we find the following findings,

1: Corrupt & Incompetent Government was one reason because people's in Government alwa ys think about theirpersonal instead of public interest.

2: Incompetent & ineligibile bureaucracy normally in Pakistan merit culture is not common peoples's are selected in public department on the basis of recommendation or from political influence.

3: Failure of NDMA (National Disaster Management Authority),PDMA (Provincial Disaster Management Authority), because in this department majority of the people's are those which are not selected on the basis of merit so they don't care about the things what is happening in the country or in province,they didn't make any planning for future how to deal with any natural disaster weather it is earth quake or flood or any other.

4: Global waring : Increasing rate of global warming on the earth also major cause of flood because in Pakistan 2nd largest glaciers are found they start melting rapidly,the developed countries are spreading global warming & pollution all around the like ,China,US,Europe & other developed countries because of the big industries in these countries global warming air pollution increasing day by day due to this reason glaciers are melting & cause the flood it was not like that natural flood. So developed countries should require to give huge aid to Pakistan so country can come out from this economic crisis,because of this flood Pakistan went 10 years back almost.

5: No big Dam & Water Storage system, In Pakistan there is no big dam in which we can store water in difficult flood time,because lot of political personalities have their interest that there should be no big dam they always oppose the

construction of dams in Pakistan. Suppose presently Pakistan have big dams & water storage system we can easily prevent from current flood disaster ,Even if there was ,it would have been very less which could have been recovered very quickly, but current loss seems to be completed in 30 years as is the current situation in Pakistan.

6: Lack of modern technology & its use Pakistan is a country that is not very advanced in terms of technology like the developed countries in the world. If Pakistan had modern technology & equipment it would also help Pakistan to handle the recent flood.

7: Monopoly of Landlord in Pakistan, In Pakistan landlord rich people's or elite class always think that we are superior they always bully the poor & don't care if they are harmed. In the recent flood ,the rich landlords blocked their lands with walls & diverted the water flow to the lands of the poor, due to which the water rose to 10 feet high. A lot of damage was done due to this activity of landlord.

4. CONCLUSION

After all research we have come to the conculusion that Pakistan has suffered severe economic & financial loss due to flood disasters. And in order to meet this economic loss, developed countries should help Pakistan because Pakistan has to bear the losses due to global warming ,for which all the developed countries of the world are responsible. Pakistan does not spread one percent of pollution in the world.

Apart from this ,Pakistan should build big damsms, and bring to power a sincere & honest leader who works for country's interst & not for his own interest. Pakistan should also be enlightened from the modern technology & its means & modern sources & equipments as well. And the feudal should also be abolished from the country this system is source of many corruptions. Hope so by following all the above principles Pakistan should be progress by leaps & bounds.

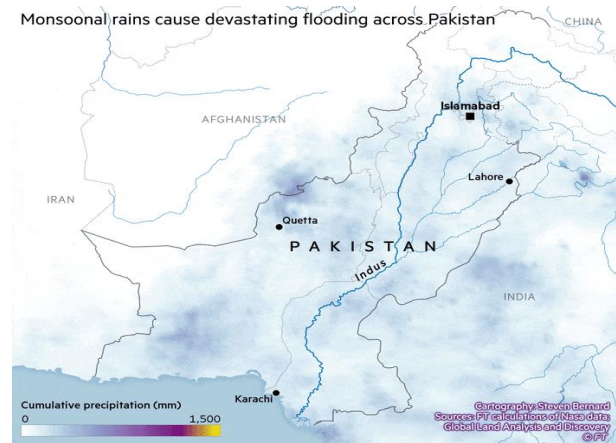


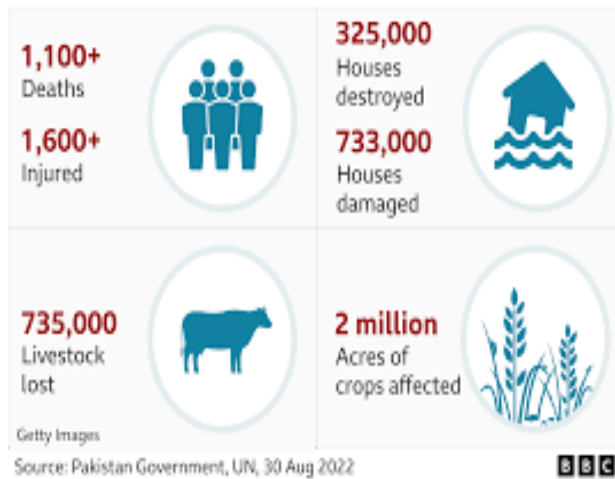
Fig 4



Fig 5

- *KPK Devastation Economically & Financially*
- *Sindh Catastrophe Economically & Financially*
- *Balochistan Devastation Economically & Financially*

Pakistan floods situation report



Pakistan's Floods Affect More than 30 Million People

Map of the estimated number of homes destroyed in the August 2022 monsoon floods

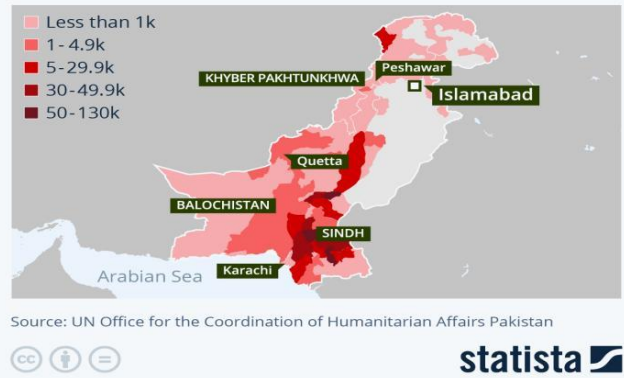


Fig 1.7 UNO Report ⁶

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