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## Upazila level Disaster Management Plan Development

Upazila: Bishwamvarpur, District: Sunamganj

Plan developed by  
Upazila Disaster Management Committee,  
Bishwamvarpur, Sunamganj

Coordination by

**VARD** Voluntary Association for Rural Development (VARD)

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# Upazila Disaster Management Plan Bishwamvorpur Upazila 2014



## Upazila Disaster Management Committee Bishwamvorpur Upazila District: Sunamganj

### *Message from Upazila Chairman*

Sunamganj district is known throughout the country as low land. 'Fishes, stones, rice are the soul of Sunamganj is universally recognized in the parable. Bishwamvorpur upazila under Sunamganj district sorrouned by haor is highly disaster prone area. It is also known as the Ancient kalidaha Sea. Agriculture is the main livelihood option of the area. Various types of disaster are the main obstacle to the development here. Flash flood is the main disaster in this area. Apart from this, the significant disasters of this upazils are seasonal floods, river erosion, water logging, storms, etc.

VARD is implementing Disaster Management (DM) Plan Project in Bishwamvorpur upazila through the financial assistance of (CDMP) Phase-II The Disaster Management Plan has been prepared on the basis of the opinions of Upazila Disaster Management Committee which are extremely realistic and timely. This plan will play an important role to reduce disaster risk of the area, I believe.

I want to thank everyone involved in the disaster management plan and I wish for a successful implementation of Disaster Management Plan Project.



Mohammad Harunur Rashid  
Chairman  
Upazila Parishad  
Bishwamvorpur, Sunamganj  
And  
Chairperson  
Upazila Disaster Management Committee  
Bishwamvorpur, Sunamganj



### *Word of the Upazila Nirbahi Officer (UNO)*

Due to the geographic location and climate, Bangladesh is one of the disaster-prone countries in the world map. Each districts of this country is affected by disaster more or less. Sunamganj district is one of them. Sunamganj district is known throughout the country as low land. 'Fishes, stones, rice are the soul of Sunamganj is universally recognized in the parable. Bishwamvorpur upazila under Sunamganj district sorrouned by haor is highly disaster prone area. It is also known as the Ancient kalidaha Sea. Agriculture is the main livelihood option of the area. Various types of disaster are the main obstacle to the development here. Flash flood is the main disaster in this area. Apart from this, the significant disasters of this upazils are seasonal floods, river erosion, water logging, storms, etc.

Flash flood occurred in Bishwamvorpur due to heavy rainfall in Meghalaya. The entering point of it is the Chalti river of Dolura and Michhakhali point. It damaged boro paddy field. Then the open points of the embankment is to be closed to protect boro paddy of Korcha, Halir and Angarulir haor. It causes water logging in the upper area and damaged paddy field. So initiative to be taken to dewater through sluice gate. River bank erosion is being increased day by day in Miarchar for exhuming stones and sands freely through boma machine in the Chalti river of Dolura. Almost every year disaster hits every union of this upazila and adversely affect the livelihood of the people. It hampers different types of development initiatives. In spite of affecting this upazila with disaster every year, no disaster management plan is prepared yet at upazila level.

I am very glad to know that VARD is implementing Disaster Management (DM) Plan Project in Bishwamvorpur upazila through the financial assistance of (CDMP) Phase-II. The Disaster Management Plan has been prepared on the basis of the opinions of Upazila Disaster Management Committee which are extremely realistic and timely. I believe this plan will play a vital role to reduce disaster risk of the area.

He expresses thanks and gratitude to UzDMC members, CDMP and VARD as they have prepared disaster management plan will play a vital role in disaster risk reduction. He draws attention to the successful implementation of DM Plan Project.

Khandaker Mohammad Abdullah Al Mahmud  
Upazila Nirbahi Officer  
Bishwamvorpur, Sunamganj  
And  
Co-chairperson  
Upazila Disaster Management Committee  
Bishwamvorpur, Sunamganj



*Message from Project Implementation Officer (PIO)*

Karacara haore reserves inexhaustible teeming with fish. People of this upazila apply their indigenous knowledge to deal with the disaster is going to keep a positive role in tackling climate change like a little man trying to save himself in the sea. To accelerate their role more, VARD is implementing Disaster Management (DM) Plan Project in Bishwamvorpur upazila through the financial assistance of (CDMP) Phase-II. The Disaster Management Plan has been prepared on the basis of the opinions of Upazila Disaster Management Committee which are extremely realistic and timely. I believe this plan will play a vital role to reduce disaster risk of the area.

From my point of view, Upazila Disaster Management Committee, through its Designated Persons discharging their respective duties disasters that can reduce significantly the amount of damage. This is why, the disaster management plan has the immense importance.

However, I want to thank everyone involved with the development of disaster management plans and wish for successful implementation of disaster management plan project

Md. Manik Mia  
Project Implementation Officer  
Bishwamvorpur, Sunamganj  
And  
Member Secretary  
Upazila Disaster Management Committee  
Bishwamvorpur, Sunamganj



*Message from District Relief and Rehabilitation Officer (DRRO)*

Sunamganj, situated at the foot of the Meghalaya, is a low lying, haor surrounded, green and under privileged district. Living with the natural disaster, people are trying to improve their living conditions at best. The glory of the beauty of nature in this area has occupied the position separately and the harshness of nature have repeatedly pushed the development trend. Bishwamvorpur upazila under Sunamganj district sorrouned by haor is highly disaster prone area. It is also known as the Ancient Kalidaha Sea. Agriculture is the main livelihood option of the area. Various types of disaster are the main obstacle to the development here. Flash flood is the main disaster in this area. Apart from this, the significant disasters of this upazila are seasonal floods, river erosion, water logging, kalbaishakhi jhar etc. Often deadly forms of natural disaster damage lives, wealth and environment. It affects not only the person or the community of a society, but also the national economic policy and irreplaceable resources. In order to reduce the risk of disasters and losses, first of all a proper plan is needed.

With the onset of statehood, VARD is implementing Disaster Management (DM) Plan Project in Bishwamvorpur upazila through the financial assistance of (CDMP) Phase-II. The Disaster Management Plan has been prepared on the basis of the opinions of Upazila Disaster Management Committee which is extremely realistic and well-timed. The plan contains Local area identification, history of disaster, population, infrastructure, disaster, hazard and vulnerability, risk factors identification, identifying means of risk reduction, disaster management work plan, pre disaster preparedness, during disaster preparedness, post pisaster preparedness, during normal period/ risk reduction period, emergency response and rescue and rehabilitation. I believe this plan will play a vital role to reduce disaster risk of the area.

I express thanks and gratitude to UzDMC members, CDMP and VARD as they have prepared disaster management plan which will play a vital role in disaster risk reduction. I draw attention to the successful implementation of DM Plan Project.

Rajib Ahmed  
District Relief and Rehabilitation Officer  
Sunamganj  
And  
Member Secretary  
District Disaster Management Committee  
Sunamganj

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## Chapter 1: Local Area Identification

### 1.1 Background

It is recommended to prepare disaster management action plan at district, upazila, municipality and city corporation level in Standing Order on Disaster (SOD) including risk reduction and contingency plan. CDMP have taken the matter of disaster management plan seriously. Long lasting and effectiveness of plan depends on profound and result oriented work process and participation of concern organizations, institutes and community. Disaster management plan has been prepared for 2-3 years.

Bangladesh is one of the disaster prone countries in the global map due to its geographical location and climate. Almost every district of this country affected by the disaster more or less. Sunamganj is one of the disaster prone district in Bangladesh. Sunamganj is haor surrounded and low lying district located beneath the Indian Meghalayan hills. It is under privileged and undeveloped district. This district is well known everywhere as a 'Vatir Desh'. The proverb is going on, 'Fish, stone and paddy are the soul of Sunamganj. Bishwamvorpur upazila of Sunamganj district is a very disaster prone area. Agriculture is the main livelihood option of the people of this area. The main obstacle of development of this area are different types of disasters. The main disaster of the area is flash flood. Beside this, seasonal flood, river erosion, water logging and storm are remarkable disaster of this upazila as well. Flash flood occurred in Bishwamvorpur due to heavy rainfall in Meghalaya. The entering point of it is the Chalti river of Dolura and Michhakhali point. Then the open points of the embankment is to be closed to protect boro paddy of Korcha, Halir and Angarulir haor. It causes water logging in the upper area and damaged paddy field. So initiative to be taken to dewater through sluice gate. River bank erosion is being increased day by day in Miarchar for exhuming stones and sands freely through boma machine in the Chalti river of Dolura. Apart from this, seasonal flood and storm damaged lives and resources. Since many men loss their lives every year resulting in boat drowning and thunder storm, we should work on awareness building in this regard. Disaster hits every unions of Bishwamvorpur upazila almost every year which have negative impact on people's lives and livelihood. It hampers different types of development utmost and initiatives. Although this upazila is affected by disasters every year, there is no reflection of workplan at upazila level. This disaster management plan is prepared for Bishwamvorpur upazila as a part of overall disaster management.

### 1.2 Main Objective of Plan

- To create mass awareness on disaster risk at family and community level and to devise a realistic way in all types of risks reduction at family, society, Union Parishad, Upazila and district level administration.
- Local initiatives through the use of local resources as far as possible to implement the risk reduction and development measures.

- To practice and apply locally prepared plan for evacuation, rescue, need assessment, relief and immediate rehabilitation.
- To prepare strategic document for a certain area and a certain period of time.
- This plan will act as an overall plan for Disaster Management Committee and the relevant sector (government, international and national NGOs, donors, etc.).
- It provides guidance to relevant disaster management stakeholders in planning and implementation.
- To awaken active participation, effective partnerships and ownership in community disaster planning.

### 1.3 Local Area Identification

#### 1.3.1 Geographical Location of the District/ Upazila

Bishwamvorpur upazila is situated in haor surrounded Sunamganj district under Sylhet division of the north-eastern part of Bangladesh. Indian Meghalaya's is to the north, south, Gourarang Union of Sunamganj Sadar upazila to the south, Jahangirnagar Union of Sunamganj Sadar upazila to the east, Balijuri union of Tahirpur upazila to the west and Sachna bazaar union of Jamalganj upazila to the south-west of this upazila. The distance is 69 km from the city of Sylhet to Sunamganj district and Bishwamvorpur upazila is far 15 km from Sunamganj district city. There are 6 rivers, 115 canals, 8 km embankment and 257 km roads in this upazila. The total area of this upazila is 249 square km. The nature of soil is loamy, sandy, loamy and Bisuues. Most of the homestead are Bisuues. The soil of agriculture land is loamy and sandy loamy of which the power of fertility is high. Irrigation canal and pond shore are sandy and loamy soils and roads nature Bisuues and loamy soil. Mineral resources include sand and stones.

#### 1.3.2 Area

The total area of Bishwamvorpur upazila is 249 sq. km. There are 5 unions, 58 mouzas and 180 villages in this upazila.

Upazila	Name of Union	No. of Mouza	Name of Mouza
Bishwamvorpur	Polash	07	Kachirgati, Majhair, Gazirgaon, Kotipara, Muktikhola, Ronobidya and Dhorerpar
	Solukabad	04	Masud Ali, Simsa, Rotargaon and Uttor Rampur.
	Dhonpur	04	Shaspur, Puran Shanpur, Chhatarkona and Meruyakhola.

	Badaghat Dokkhin	14	Purngaon, Narayanpur, Ikorhatiya, Butaz, Dokkhin Ghagra, Chhatrish, Binnakolichak, Bagmara, Shahapur, Amriya, Monbeg, Omorpur, Bagmara and Angaruli Sonar Haor.
	Fotehpur	29	Uttor Kidirpur, Basantapur, Bagua, Uttor Shahapur, Rangarchar Chak, Alma Dohor, purbo Alipur, Rangarchar, Lokha, Noya Barunka, Uttor Doulotpur, Pirijpur, Anantapur, Dulbarchar, Tahirpur, Shamarkandi, Bhabanipur, Uttor Fotehpur, Poschim Chandpur, Shalmara, Kochukhali, Umedpur, Chandbari, Moshalghat, Rajondrapur, Jangal, Brammonpara, Lamshrom and Binnakola.
<b>Total</b>	<b>05</b>	<b>58</b>	

### 1.3.3 Population

The total population of Bishwamvorpur upazila is 156381 of which 78175 are male and 78206 are female.

Name of Union	Male	Female	Child (০-৯৯)	Aged (৬০+)	Disable	Total Population	Household	Voter
Polash	14404	14486	12828	2196	407	28893	5554	16988
Solukabad	19048	18327	18164	2579	210	37375	6795	20610
Dhonpur	18408	18968	17417	2691	301	37376	7590	22547
Badaghat Dokkhin	12435	12565	11825	1675	179	25000	4500	13848
Fotehpur	13877	13860	11622	1997	260	27737	4897	10540
<b>Total</b>	<b>78175</b>	<b>78206</b>	<b>71779</b>	<b>11138</b>	<b>1357</b>	<b>156381</b>	<b>29336</b>	<b>84533</b>

Source: Population Census, 2011, Department of Social welfare, Sunamganj, District Election Commission, Sunamganj.

## 1.4 Infrastructure and non Infrastructure

### 1.4.1 Infrastructure

#### Embankments

There are 4 embankments in Bishwamvorpur upazila of which a total length of 70.4 km. The embankments are Karacara haor embankment, Shanir haor embankment, Angaruli haor embankment and Michakhali embankments. The average height of the embankments are R.L. i.e, reduce level from 5.5 to 6 miter. Embankments damaged more or less in the rainy season every year.

That's why. It requires repairing. **Source: Bangladesh Water Development Board, Sunamganj.**

### Sluice Gate

There are 2 sluice gates in a haor of Bishwamvorpur upazila. One of them is located in Vadertek and the another one in Fotehpur. The Vadertek sluice gate is constructed on the Chalti river, the sub-branch of the river Surma and on the junction of the Korcha haor. The Fotehpur sluice gate is constructed on the joining point of Korcha haor and Fotehpur. **Source: Bangladesh Water Development Board, Sunamganj.**

### Bridge

Bishwamvorpur upazila has a total of 44 bridges. These are under Local Government and Engineering Department (LGED). Among them 40 are RCC bridges and 4 are Bailey Bridges. All bridges are active in condition. **Source: Local Government and Engineering Department (LGED), Bishwamvorpur.**

### Culvert

There are a total of 216 culverts in Bishwamvorpur upazila. These are under Local Government and Engineering Department (LGED). All bridges are active in condition. **Source: Local Government and Engineering Department (LGED), Bishwamvorpur.**

### Road

Bishwamvorpur upazila has a total of 312.73 km. Among them, there are 93.51 km. RCC roads, 208.21 km. Raw roads and 11.01 km. HBB roads in this upazila. There is no submergible road here. The average height of the roads is 3 feet. Needs to be mentioned here that, 49 km. road out of 312.73 km. road are up to the flood level which is free from flood risk. **Source: Local Government and Engineering Department (LGED), Bishwamvorpur.**

### Irrigation System

There is 1 electric deep tube well in Bishwamvorpur upazila and currently it is crippled. This upazila has a total of 287 shallow tube wells or shallow machine. Among them 12 are electric and 275 are diesel tube wells. Apart from this, there are 244 LLP (Low Leap Pump) in this upazila of which 4 are electric and 240 are diesel LLP. In fact, there is no hand tube well in this upazila. But there are some traditional irrigation machines. These are Don and Seuty. Here are approximately 2070 don and seuti through which 3598 hectares of agricultural land are irrigated. In Bishwamvorpur upazila, 4,015 hectares of land is under irrigation out of 18,570 hectares of agricultural land. Huge number of agriculture land are still out of irrigation. There are many opportunities here and hurdle as well. **Source: Department of Agricultural Extension, Bishwamvorpur.**

### Hat bazar

There are a total of 14 Hat bazaar in Bishwamvorpur upazila. These are located at 5 Union of this upazila. These take place on different day of the week. There are 2500 shops and 14 associations in 14 hat bazaar. The list of hat bazaar of Bishwamvorpur upazila is added at Annexure 10. **Source: Upazila Statistics Office, Bishwamvorpur.**

## 1.4.2 Social Resource

### Homes

Bishwamvorpur upazila have seen a variety of homes. Among them, hut, building, semi-brick house, and tin houses are significant. Hut homes are usually made with clay, tin, bamboo, ikar, bamboo, etc. The building house is made of bricks, sand, cement, rods, stones etc.. Besides, the semi-brick house is made of bricks, sand, cement, rod and tin. Besides, chhaner houses and tin houses are made with bamboo, tin, ikar fence, wood and iron. Needs to be mentioned here that, Bishwamvorpur upazila has a total of 29336 homes. Among them, 23469 homes are hut and 5.867 are building. **Source: District Statistical Office, Sunamganj.**

### Water

The main sources of drinking water in this upazila are tube well, rivers, canal, beels and ponds. There are a total of 1234 tube wells in this upazila. Among them, 1,181 tube wells are active and 53 tube wells are inactive. 600 tube wells were placed above the flood level. As a result, these tube wells remain suitable for use during flooding period. Needs to be mentioned here that, 45% people of Bishwamvorpur upazila use tube well water. **Source: Department of Public Health and Engineering, Bishwamvorpur.**

### Sewerage system

There are a total of 19,876 sanitary latrines in Bishwamvorpur upazila. Among them, 5,683 sanitary latrines are placed above the flood level. As a result, these latrines remain suitable for use during flooding period. It is remarkable that 77.76% people of Bishwamvorpur upazila use sanitary latrine. **Source: Department of Public Health and Engineering, Bishwamvorpur.**

### Educational institutions / libraries

There are a total of 95 government and private educational institutes in Bishwamvorpur upazila. Among them, there are 77 government primary school, 10 high school, 6 madrasa and 2 private colleges in this upazila. 20154 students are studying under 376 primary school teachers in 77 Govt Primary School. Besides, 7390 students are studying under 98 teachers in 10 High School. 2929 students are studying under 82 teachers in 6 Madrasa. On the other hand, in 77 Colleges, 1155 students are studying under 26 teachers. The list of educational institutes of Bishwamvorpur upazila is added at Annexure 11. **Source: Upazila Primary Education Office and Upazila Secondary Education Office Bishwamvorpur**

### Religious institutions

There are a total of 322 religious institutions in Bishwamvorpur upazila. Among them, 259 are mosques, 62 temples and 1 churches. **Source: Upazila Statistics Office Bishwamvorpur.**

### Religious gathering place (Eidgah)

There are a total of a total of 70 religious gathering place (Eidgah) in Bishwamvorpur upazila. These are located at 5 Union of this upazila. **Source: Upazila Statistics Office Bishwamvorpur.**

## Health Care

There are 1 Upazila Health Complex, 3 health and family welfare centre and 17 community clinics in Bishwamvorpur upazila. There is no private health care center here. Upazila Health Complex is located at upazila head quarter under Polash union. Here are two doctors and 8 nurses. The list of health care center of Bishwamvorpur upazila is added at Annexure 12. **Source: Upazila Health Complex, Bishwamvorpur.**

## Bank

There are a total of 3 banks in Bishwamvorpur upazila. Among them, Sonali Bank and Bangladesh Krishi Bank are situated at Bishwamvorpur Bazar and Grameen Bank at Notun para. Banks provide service here loan, business loans, credit, deposits, etc. **Source: Upazila Statistics Office Bishwamvorpur.**

## Post Office

There are a total of 5 Post Office in Bishwamvorpur upazila. Bisbambharapura district has a total of 5 Post Office. Post offices are located at Meruyakhola, Rotargaon, Bishwamvorpur upazila, Chinakandi and Balijuri. Post offices here provide services on exchanging letters and parcels, sales revenue and judicial stamps, postal order, money transfer, etc. **Source: Post Office, Bishwamvorpur.**

## Club / cultural center

There are a total of 21 Club / cultural centers in Bishwamvorpur upazila. These are located at 5 Union of this upazila. Club / cultural centers here assist in different types of social welfare and development activities. **Source: Upazila Statistics Office, Bishwamvorpur.**

## NGO/Voluntary Organizations

Sl. No.	Name of NGO	Project/ Activities	No.of Beneficiaries	Project Duration
1.	BRAC	WASH (Water, Sanitation and Hygiene), ,	30302	Feb'12-Dec'16
		Micro credit	2737	Continued since 2001
		Education program	1650	Jan'12-Dec'13
2.	Grameen Bank	Micro credit	4700	Continued since May, 1990
3.	ASA	Micro credit	1450	Continued since 1978
4.	Assistance for Slum Dwellers (ASD)	SOUHARDO II Ensure food security for the ultra poor	8813	Apr'11-Feb'15
5.	Friends In Village Development Bangladesh (FIVDB)	Community Learning Program (CLP)	3001	Jan'09-Dec'13
		Malaria Control Program	156381	Jan'09-Jun'15
		Livelihood Support Program (LEP)	4435	Mar'09-Dec'13



Sl. No.	Name of NGO	Project/ Activities	No.of Beneficiaries	Project Duration
6.	JESIS	Livelihood Security Program (LSP)	600	Nov'07-Dec'14
		Let Her Decide & Participate (LHDP)	625	Continued since Mar, 2013
7.	UPMA	Livelihood Security Program (LSP)	668	Nov'07-Jun'14
		Education Support Program- Non Formal Primary Education (ESP-NFPE)	435	Jan'12-Jan'16
8.	Voluntary Association for Rural Development (VARD)	Social Intervention towards Sustainable Development (SISD)	400	Jan'12-Dec'14
		Community Managed Disaster Risk Reduction (CMDRR) Phase-II Project	21035	Jan'09-Jul'15
		Promoting Sustainable Agriculture Practices to Strengthen Food Security of the poor and Marginalized Through Accessing Rights (PSAP-SFS-PMTAR) Project (LRP-43)	5000	Jan'12-Dec'21
		Non Formal Primary Education (NFPE)	480	Jan'12-Dec'16
		Reaching Out of School Children (ROSC) Project	784	Apr'12-Dec'17

### Playground

There are a total of 4 playgrounds in Bishwamvorpur upazila. The playing fields are located at Bishwamvorpur, Katakhal, Dhonpur and Polash. These playgrounds are placed above the flood level. As a result, People and livestock can take shelter in the fields during flooding period. **Source: Upazila Statistics Office, Bishwamvorpur.**

### Cemetery / Crematorium

There are a total of 92 grave yards and 5 crematorium in Bishwamvorpur upazila. These are located at 5 Union of this upazila. As most of grave yard are located at above of the flood level, it is easy to bury death bodies during rainy season. On the contrary, most of crematorium situated at the lower level of the flood, it is difficult to dispose death bodies during rainy season. **Source: Upazila Statistics Office, Bishwamvorpur.**



### Communication and transportation

In Bishwamvorpur upazila, the means of communication is motorcycle, leguna, easy bike, rickshaw, van, bhotbhoti, boat, engine boat etc. People of this area travel one place to another place through above vehicles. There are 300 motorcycles, 60 legunas, 6 easy bikes, 300 rickshaws, 300 vans, 50 bhotbhotis, 175 boats, 80 engine boats in Bishwamvorpur upazila. **Source: Upazila Statistics Office, Bishwamvorpur.**

### Forests and forestry

There are 10 km strip gardening (forest) in Bishwamvorpur upazila. Different types of trees contain in this forest, such as, kodom, acacia, rain tree, arjun, berry, jackfruit trees, etc. Also, people of the area plant saplings around the house. **Source: Forest Ranger, Sunamganj.**

## 1.4.3 Weather and Climate

### Trend of rain

If we analyze the trend of rain of Bishwamvorpur upazila, it is found that average quantity of daily rainfall is all the same. The average annual rainfall is 4000 mm. It is rain in this area throughout the year. From May to September the rainfall is very high. Winter rainfall is very low. The average rainfall is 1000 mm. in summer, 2500 mm. in rainy season and 500 mm. in winter. It is a need for more research on this matter whether the changing trend of rainfall is an indication of climate change. As the trend of rainfall is changed, it delay for monsoon rain. Because of the changes in rainfall during the monsoon, has resulted in some changes in the agricultural system, and the product is less than the cost of production. Crops affected by the diseases more and also insect attacks more. It has a negative influence on the livelihood of the people. **Source: Department of Agricultural Extension, Bishwamvorpur.**

### Temperature

In Bishwamvorpur upazila, the highest temperature is 36 degrees centigrade and lowest temperature is 30 degrees centigrade in summer and the maximum temperature is 20 degrees centigrade and minimum temperature is 08 degrees centigrade in winter. The temperature of the area is going to change i.e, the temperature of the area is increased day by day. Especially over the past 7-8 years, the temperature has increased so much that the people being affected normal life. **Source: Department of Agricultural Extension, Bishwamvorpur.**

### Underground water level

In Bishwamvorpur upazila, the level of underground water is usually 400 feet below. Going to notice a change in the level of underground water. Earlier, the level of underground water was 250 feet below. Since underground water level is getting down during the dry season, there is a shortages of drinking and irrigation water in this area. **Source: Department of Agricultural Extension, Bishwamvorpur.**

#### 1.4.4 Other

##### Land and land use

Bishwamvorpur upazila has a total of 24874 hectares land. Among them, the amount of arable and uncultivated lands are 15,500 hectares and 3,070 hectares respectively. Among the arable land, one crop land is 7300 hectares, two crop land is 5600 hectares and three crop land is. Besides, the amount of the settlement area of 6304 hectares of the total land area. **Source: Department of Agricultural Extension, Bishwamvorpur.**

##### Agriculture and Food

The main crops of Bishwamvorpur upazila are rice (Boro, Aus and Aman), potato, vegetables, wheat, pepper, mustard, peanuts, etc. The upazil's cultivated agricultural land and production figures (February, 2014) are as follows:

Sl. No.	Name of crop	Production (Metric Tonnes)	Comments
1.	Boro	39020 (Rice)	Total rice production 71,045 Metric Tonnes
2.	Aman	29850 (Rice)	
3.	Aus	2175 (Rice)	
4.	Potato	3930	
5.	Vegetables	34000	
6.	Wheat	656	
7.	Pepper	135	
8.	Mustard	120	
9.	Peanut	91	

Although the flood hits every year in this area, flash flood in 2009 and 2010 were more devastating. The main foods of this area are rice, fish and vegetables. **Source: Department of Agricultural Extension, Bishwamvorpur.**

##### River

There are 6 rivers flowing through Bishwamvorpur upazila. The rivers are the Chalti, the Jadukata, the Rakti, the Abuya, the Naindakopa and and the Rupsa. The rivers playing a vital role in the development of the area. The cost of transportation of goods is less. Sand, stones and the fish are going to carry within a very short time from one place to another place. But, river erosion and siltation have a negative impact on the lives and livelihood of the community people. In terms of injury every year is going to have some land to erosion. Some rivers are filled with silt. This is reducing the amount of arable land is decreasing river navigability. **Source: Bangladesh Water Development Board, Sunamganj.**

##### Ponds

There are 150 pond in Bishwamvorpur upazila. Huge sums of money are earned every year by selling fish from the pond which is playing a leading role in the social development. **Source: Upazila Fishery Office, Bishwamvorpur.**

### Canal

There are 115 canals flowing through Bishwamvorpur upazila. Different types of fish found in the canals. Besides the water of the canals is used for irrigation. **Source: Upazila Fishery Office, Bishwamvorpur.**

### Beel

There are 37 beels in Bishwamvorpur upazila. Among them, 9 beels are above 20 acre and 28 beels are under 20 acre. Different types of fish found in the beels. Huge sums of money are earned every year by selling fish from the beels which is playing a leading role in the social development. Besides, the water of the beels is used for irrigation. It helps to create employment opportunity and meet the demand of nutrition. The beels are the fields of different birds. The list of beels of Bishwamvorpur upazila is added at Annexure 13. **Source: Upazila Fishery Office, Bishwamvorpur.**

### Haor

There are 2 haors in Bishwamvorpur upazila. These are Korchar haor and Angaruli haor. The area of Korchar haor and Angaruli haor are 5350 hectares and 1130 hectares respectively. Different types of fishes found in the haor in rainy season and Boro paddy is cultivated during boro season. Haor also plays an important role in communication during rainy season. **Source: Department of Agricultural Extension, Bishwamvorpur.**

### Arsenic pollution

Arsenic contamination levels are 0.025% in Bishwamvorpur upazila. Arsenic contamination are found in 8 tube well (0.64%) of this upazila. All of them have been marked in red ink. People of this area are not using those marked tube wells' water. So there is no arsenic disease in the area. **Source: Department of Public Health and Engineering, Bishwamvorpur.**

## Chapter 2: Disaster, Hazard and Vulnerability

### 2.1 Overall History of Disaster

Bishwamvorpur upazila under Sunamganj district is a very disaster prone area. Agriculture is the main livelihood option of the people of this area. The main obstacle of development of this area are different types of disasters. The main disaster of the area is flash flood. Beside this, seasonal flood, river erosion, water logging and kalbaishakhi jhar are remarkable disaster of this upazila as well. Flash flood occurred in Bishwamvorpur due to heavy rainfall in Meghalaya. The entering point of it is the Chalti river of Dolura and Michhakhali point. Then the open points of the embankment is to be closed to protect boro paddy of Korcha, Halir and Angarulir haor. It causes water logging in the upper area and damaged paddy field. So, initiative to be taken to dewater through sluice gate. River bank erosion is being increased day by day in Miarchar for exhuming stones and sands freely through boma machine in the Chalti river of Dolura. Apart from this, seasonal flood is occurred from Ashar to Bhadra in this area due to heavy rainfall and flashing water from Meghalayas. As a result of climate change and seasonal wind kalbaishakhi jhar happens in this upazila generally. It damaged paddy, homes, livestock, trees forest resources etc. Since many men loss their lives every year resulting in boat drowning and thunder storm, we should work on awareness building in this regard. Disaster hits every unions of Bishwamvorpur upazila almost every year which have negative impact on people's lives and livelihood. It hampers different types of development utmost and initiatives. Although this upazila is affected by disasters every year, there is no reflection of workplan at upazila level. This disaster management plan is prepared for Bishwamvorpur upazila as a part of overall disaster management.

In the past the flood waters were flowing above 30 cm of danger and it was still for 2 days. Flood water flowing from Meghalaya Hills through the Chalti of Dolura under salukabada Union. People usually are already experiencing hardship and inconvenience to the communication difficulties, problems of food, shelter, emergency medical care, lack of employment, mental restlessness etc. Crops of 3020 hectares land, 710 homes, 17 km road (partial) and 02 religious institutions are affected by flash flood occurred in 2010.

Name of Disaster	Year	Quantity of loses	Which Sectors/ Elements Damaged
Flash flood	1994, 2004 & 2010	Crops of 3020 (19.48%) hectares land, 710 (2.42%) homes, 17 km (6.6%) road (partial) and 02 (0.62%) religious institutions are affected by flash flood occurred in 2010.	Roads, bridges, culverts, homes, seedlings, crops, livestock, educational institutes, religious institutes, trees, embankments and business enterprises are damaged.
Seasonal flood	1988, 1998, 2004 &	In 1998, the total amount of loss & damage is Tk. 13 crore.	Roads, bridges, culverts, homes, seedlings, crops, livestock, educational

Name of Disaster	Year	Quantity of loses	Which Sectors/ Elements Damaged
	2012	334 (27%) tube well and 1715 (8.62%) latrine damaged	institutes, religious institutes, trees, embankments and business enterprises are damaged.
River erosion	2013	In 2013, causes 20 (0.07%) homestead, 10 (0.81%) tube well and 27 (0.13%) latrine damaged as a result of river erosion in Dolura village under Solukabad union.	Homes, seedlings, crops, educational institutes and trees are damaged.
Water logging	2010	Seedlings of 400 (2.58%) hectares land, 6 km (2.33%) road (partial), 2 km (2.84%) embankment (partial), 05 (1.55%) religious institutions and 140 (0.70%) latrine are affected by water logging occurred in 2010.	Roads, homes, crops, educational institutes, religious institutes, trees and embankments are damaged. During water logging mosquito increased and it causes malaria disease; increased water born disease; damaged sanitary latrine and difficulties in communication.
Kalbaishakhi jhar	2009, 2010 & 2011	In 2010 35 (0.11%) homes and 150 (0.75%) latrine damaged.  In 2010, the total amount of loss & damage is Tk. 28.98 lac.  In 2011, the total amount of loss & damage is Tk. 22.39 lac.	Homes, crops, livestock, educational institutes, religious institutes, trees, and electric cables and pillars are damaged. It results in food crisis, boat and launch drowning and lack of food for cow.

## 2.2 Hazards of District/Upazila

Sl. No.	Hazard	Priority	Ranking
1.	Flash flood	Flash flood	1 <sup>st</sup>
2.	Storm	Seasonal flood	2 <sup>nd</sup>
3.	Water logging	River erosion	3 <sup>rd</sup>
4.	Seasonal flood	Water logging	4 <sup>th</sup>
5.	River erosion	Kalbaishakhi jhar	5 <sup>th</sup>

## 2.3 Different Types of Hazards and its Present and Future Aspect

**Flash flood:** Bishwamvorpur upazila under Sunamganj district is a very disaster prone area. The main disaster of the area is flash flood. Flash flood occurred in Bishwamvorpur due to heavy rainfall and Meghalayan flashing water. The entering point of it is the Chalti river of Dolura and Michhakhali point. In general, it hits either at the end of Chaitra or at the very beginning of Baishakh. It damaged boro paddy, the main crops of this upazila of Korcha, Halir and Angarulir haor which hampers the agricultural production.

Flash flood occur widespread damage in the sector of agriculture, fishery, infrastructure, home, education, communication etc. Though it occurs every year, flash flood of 1994, 2004 and 2010 were devastating. The quantity of union wise damages by the flash flood occurred in 2010 is as follows:

### Polash Union

In Polash union of Bishwamvorpur upazila, boro crops of 527 hectares land, 62 homes, 3.5 km road (partial), 25 trees and 1 religious institutions are affected by flash flood occurred in 2010. As a result, 1283 farmers family are affected directly and indirectly.

### Solukabad Union

In Solukabad union of Bishwamvorpur upazila, boro crops of 433 hectares land, 77 homes, 3.5 km road (partial) and 75 trees are affected by flash flood occurred in 2010. As a result, 3201 farmers family are affected directly and indirectly.

### Dhonpur Union

In Dhonpur union of Bishwamvorpur upazila, boro crops of 323 hectares land, 27 homes, 1 km road (partial) and 20 trees are affected by flash flood occurred in 2010. As a result, 1890 farmers family are affected directly and indirectly.

### Badaghat Dokkhin Union

In Badaghat Dokkhin union of Bishwamvorpur upazila, boro crops of 820 hectares land, 187 homes, 3.75 km road (partial) and 72 trees are affected by flash flood occurred in 2010. As a result, 980 farmers family are affected directly and indirectly.

### Fotehpur Union

In Fotehpur union of Bishwamvorpur upazila, boro crops of 917 hectares land, 357 homes, 5.25 km road (partial), 159 trees and 1 religious institutions are affected by flash flood occurred in 2010. As a result, 3883 farmers family are affected directly and indirectly.

In future, flash flood may happen frequently due to climate change. In this time, crisis of cow feed may happen, employment opportunity for day labor may be reduced and business may be fallen. In future, the quantity of union wise damages may be happened by the flash flood in Bishwamvorpur upazila is as follows:

### Polash Union

If flash flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or flash flood like 2010 hits in Polash union, it may damage boro crops of 750 hectares land, 150 homes, 5 km road (partial), 4 educational institutions, 8 religious institutions, 1.5 km. embankments, fishes of 15 ponds, 280 trees. As a result, 2650 farmers family may be affected directly and indirectly.

### Solukabad Union

If flash flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or flash flood like 2010 hits in Solukabad union, it may damage boro crops of 450 hectares land, 130 homes, 4.5 km road (partial), 5 educational institutions, 6 religious institutions, 1 km. embankments, fishes of 20 ponds, 315 trees. As a result, 4350 farmers family may be affected directly and indirectly.

### Dhonpur Union

If flash flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or flash flood like 2010 hits in Dhonpur union, it may damage boro crops of 525 hectares land, 45 homes, 3 km road (partial), 7 educational institutions, 5 religious institutions, 1 km. embankments, fishes of 5 ponds, 175 trees. As a result, 2700 farmers family may be affected directly and indirectly.

### Badaghat Dokkhin Union

If flash flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or flash flood like 2010 hits in Badaghat Dokkhin union, it may damage boro crops of 1200 hectares land, 300 homes, 5 km road (partial), 10 educational institutions, 9 religious institutions, 5 km. embankments, fishes of 10 ponds, 250 trees. As a result, 1250 farmers family may be affected directly and indirectly.

### Fotehpur Union

If flash flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or flash flood like 2010 hits in Fotehpur union, it may damage boro crops of 1500 hectares land, 500 homes, 7 km road (partial), 15 educational institutions, 12 religious institutions, 10 km. embankments, fishes of 9 ponds, 550 trees. As a result, 4350 farmers family may be affected directly and indirectly.

**Seasonal flood:** Seasonal flood is a very common and familiar phenomenon of Bishwamvorpur upazila under Sunamganj district. In the rainy season, it is occurred from Ashar to Ashwin in this area due to havy rainfall and flashing water from Meghalayas. It occurs widespread damage in the sector of agriculture, fishery, livestock, infrastructure, homes, education, health, trees etc. Though it occurs every year, seasonal flood of 1998 and 2004 were devastating. During the rainy season, the whole area full to the brim of water. Then, when we look at the area from away, every village seems to be as water hisin floating in the water. Then, it creates wave in the haor due to stormy wind resulting in homestead, roads, embankments etc. damage. Sometimes, men die by boat drowning as well.



If water level rises 5-6 feet than the normal situation in the area, it will affect homestead, roads, educational and religious institutes. It causes water born disease for want of safe water, livestock affects with different diseases, crisis of living places and cow feed and livestock also die. Besides this, it is difficult to bury death body in this period. Though it occurs every year, seasonal flood of 1998 and 2004 were more devastating. The quantity of union wise damages by the seasonal flood occurred in 1998 is as follows:

### Polash Union

In Polash union of Bishwamvorpur upazila, among crops of 521 hectares land, vegetables of 110 hectares land, 277 homes, 1.5 km road (partial), 122 trees, 10 educational institutions, 75 tube well, 355 latrine and 6 religious institutions are affected by seasonal flood occurred in 1998. As a result, 950 farmers family are affected directly and indirectly.

### Solukabad Union

In Solukabad union of Bishwamvorpur upazila, among crops of 322 hectares land, vegetables of 47 hectares land, 188 homes, 2.1 km road (partial), 320 trees, 9 educational institutions, 82 tube well, 220 latrine and 3 religious institutions are affected by seasonal flood occurred in 1998. As a result, 1202 farmers family are affected directly and indirectly.

### Dhonpur Union

In Dhonpur union of Bishwamvorpur upazila, among crops of 220 hectares land, vegetables of 30 hectares land, 129 homes, 1.75 km road (partial), 57 trees, 7 educational institutions, 20 tube well, 230 latrine and 4 religious institutions are affected by seasonal flood occurred in 1998. As a result, 955 farmers family are affected directly and indirectly.

### Badaghat Dokkhin Union

In Badaghat Dokkhin union of Bishwamvorpur upazila, among crops of 456 hectares land, vegetables of 68 hectares land, 388 homes, 1 km road (partial), 18 trees, 11 educational institutions, 68 tube well, 468 latrine and 5 religious institutions are affected by seasonal flood occurred in 1998. As a result, 1108 farmers family are affected directly and indirectly.

### Fotehpur Union

In Fotehpur union of Bishwamvorpur upazila, among crops of 679 hectares land, vegetables of 140 hectares land, 432 homes, 2 km road (partial), 227 trees, 12 educational institutions, 89 tube well, 442 latrine and 8 religious institutions are affected by seasonal flood occurred in 1998. As a result, 1960 farmers family are affected directly and indirectly.

As rivers and paddy fields are filled with silt, in future, seasonal flood may happen frequently due to climate change and it may be devastating. The among crops, vegetables, homes & homestead, roads, trees, educational and religious institutes may be damaged by seasonal flood. It may cause water born disease for want of safe water, livestock may affect with different diseases, crisis of living places and cow feed and livestock may die. Employment opportunity for day labor may be reduced and business may be fallen. In future, the quantity of

union wise damages may be happened by the seasonal flood in Bishwamvorpur upazila is as follows:

### Polash Union

If seasonal flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or seasonal flood like 1998 hits in Polash union, amon crops of 720 hectares land, vegetables of 130 hectares land, 350 homes, 3 km road (partial), 2.5 km. embankments, 220 trees, 14 educational institutions, 130 tube well, 1020 latrine and 8 religious institutions may be affected by seasonal flood. As a result, 1770 farmers family may be affected directly and indirectly.

### Solukabad Union

If seasonal flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or seasonal flood like 1998 hits in Solukabad union, amon crops of 428 hectares land, vegetables of 62 hectares land, 390 homes, 3.5 km road (partial), 2 km. embankments, 330 trees, 12 educational institutions, 105 tube well, 250 latrine and 5 religious institutions may be affected by seasonal flood. As a result, 2931 farmers family may be affected directly and indirectly.

### Dhonpur Union

If seasonal flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or seasonal flood like 1998 hits in Dhonpur union, amon crops of 447 hectares land, vegetables of 49 hectares land, 175 homes, 3.75 km road (partial), 1.5 km. embankments, 180 trees, 10 educational institutions, 35 tube well, 320 latrine and 6 religious institutions may be affected by seasonal flood. As a result, 2897 farmers family may be affected directly and indirectly.

### Badaghat Dokkhin Union

If seasonal flood occurs in Bishwamvorpur upazila due to heavy rainfall and the flashing water from Meghalayan hills or seasonal flood like 1998 hits in Badaghat Dokkhin union, amon crops of 668 hectares land, vegetables of 92 hectares land, 442 homes, 4 km road (partial), 6 km. embankments, 130 trees, 15 educational institutions, 127 tube well, 770 latrine and 8 religious institutions may be affected by seasonal flood. As a result, 1507 farmers family may be affected directly and indirectly.

### Fotehpur Union

Due to heavy rainfall and upstream water from hilly areas if there is flood or if seasonal floods like in 1998 then 992 hector aman crop, 160 hector vegetables, 520 houses , 7 KM rural road partially , 10 KM embankment, 550 trees & plants, 17 education institutes, 155 tube-wells, 1020 latrine and 12 religious institutes in Fatepur union may be affected. As a result 2470 families may be affected directly or indirectly.

**River erosion:** River erosion in Biswamberpur Upazila is high. It is continued in every year. River erosion occurs here generally from the month Jaishtha to

Aswin. As a result agriculture crops, houses, roads, trees, etc snaked in the Chalti and Jadhukatariver. So food production was hampered. Peoples become shelter less, environment affected. Unauthorized stone quarry by Boma Machine from Chalti river at Dalura and Michakhali point specially in Meaheer-char caused river erosion, which is going up. Due to continuous river erosion many people lost their home & homestead, someone lost their crop field and living in a measurable condition. Illustratable that due to river erosion in 2013 at Dalura village in Sholokabad union 20 house sunk in the river. There is no initiative taken by the government or non-government organization to protect them from river erosion for long time.

At **Sholokabad union** in Biswamberpur union unauthorized stone quarry by Boma Machine from Chalti river at Dalura and Michakhali point specially in Meaheer-char caused river erosion, which is going up . As a result agriculture crops, home & homestead, trees & plants sunk highly in Chalti and Jadhukata river. So, food production hampered, peoples become shelter less and environment become polluted. At this Dalura and Dinerpur village in Sholokabad union 20 houses and 10 hector aman crop, 2 KM road damaged partially and 10 Tub-well, 27 slab latrine and 27 trees & plants were badly affected. That is why 20 families directly or indirectly exaggerated.

Unauthorized stone quarry by Boma Machine from Chalti river at Dalura and Michakhali point specially in Meaheer-char and climate change river erosion in this Upazila may be higher and damage may be increased in future.

Due to river erosion in Dalura and Dinerpur village in **Sholokabad union** 180 houses and 25 hector amon crop, 4 KM road damaged partially and 20 Tub-well, 45 slab latrines and 250 trees & plants high possibility of damage. As a result 550 families may fall in losses directly or indirectly.

**Water logging:** Basically, flash flood occurs in Biswamberpur due to hilly water from Mehaloya through Chalti river in Dalura and Michakhali point. Then to protect crops in Karcha, Halir and Angarulir Haor the open mouth of the embankment were closed. As a result water logging occurred in this area. Generally water logging occurred in **Badaghat dakkhin union** of Biswamberpur Upazila from the month Chaitra to Boishakh and Ashar to Bhaddra. As a result crops, houses, roads, embankment, trees & plants and education and religious institute are affected. So, possibility of malarial diseases becomes high due to the increase of malarial mosquito. Water borne diseases increased. Hygienic latrine affected and communication hampered. So it is important to regulate water by switch gate and dried-up , if necessary. In every year water logging occurs here but it was heavy in 2010. Due to water logging 400 hector seedbed, 6 KM road (partially), 2 KM embankment(partially), 140 latrine and 5 religious institute were affected. As a result 320 families fall in loss directly or indirectly.

There is possibility of high coverage of water logging and damage in **Badaghat Dakkhin union** of this upazila in future due to the climate change. Due to water logging in this union there is possibility of smash up of 450 hector seedbed, 10 KM road(partial), 10 tub-well, 250 latrine and 7 religious institution. As a result 475 families may fall in loss directly or indirectly.

**Kalboishakhi Jhar( storm hit)** : In Sunamganj district the vulnerability of Kalboishakhi Jhar is very high. Due to climate change and seasonal strong wind in Biswamberup Upazila generally at the end of the month Chaitra to Boishakh there occurs Kalboishakhi Jhar. As a result Boro crop, home & homestead, cattle, birds, trees & plants and forest , electric cable & filler and educational & religious institutes affected. At this death cases happens and food crisis occurs, boat & launch sunk caused death. At this time cattle food crisis also occurred.

Due to Kalboishakhi Jhar Boro crop, home & homestead, cattle, birds, trees & plants and forest , electric cable & filler and educational & religious institutes are affected. In each year kalboishakhi jhar occurs but the year of 2009, 2010 and 2011 the Kalboishakhi Jhar was very strong and severe. Illustratable that in the Kalboishakhi Jhar of 2011 boro crops 19 hector, 35 home & home stead , 67 trees & plants , one electric filler, 2 religious institute damaged fully or partially. Union wise damages of Kalboishakhi in Biswamberpur Upazila are as follows:

#### Polasha Union :

Kalboishakhi Jhar in 2011 in Polash union of Biswamberpur Upazila affected 5 hector boro crops, 3 home & homestead ( partial), 10 latrines, 17 trees & plants and 01 electric filler. As a result 20 families were fall in loss directly or indirectly.

#### Sholokabad Union :

Kalboishakhi Jhar in 2011 in Sholokabad union of Biswamberpur Upazila affected 3 hector boro crops, 7 home & homestead ( partial), 23 latrines and 08 trees & plants. As a result 35 families were fall in loss directly or indirectly.

#### Dhanpur Union :

Kalboishakhi Jhar in 2011 in Dhanpur union of Biswamberpur Upazila affected 2 hector boro crops, 2 home & homestead ( partial), 20 latrines and 03 trees & plants. As a result 08 families were fall in loss directly or indirectly.

#### Badaghat Dakkhin Union :

Kalboishakhi Jhar in 2011 in Badaghat Dakkhin union of Biswamberpur Upazila affected 4 hector boro crops, 5 home & homestead ( partial), 45 latrines and 10 trees & plants. As a result 09 families were fall in loss directly or indirectly.

### Fatepur Union :

Kalboishakhi Jhar in 2011 in Fatepur union of Biswamberpur Upazila affected 4 hector boro crops, 13 home & homestead ( partial), 52 latrines , 29 trees & plants and 01 religious institute. As a result 16 families were fall in loss directly or indirectly.

Due to climate change and seasonal strong wind in future Kalboishakhi Jhar may occurs frequently. Ant its dimension may be increased. In Kalboishakhi Jhar generally Boro crop, home & homestead, cattle, birds, trees & plants and forest , electric cable & filler and educational & religious institutes may affected even death case may happen and scarcity of food may be arise. Death cases may happen due to boat and launch sunk incident. Cattle food scarcity may be happen. Besides, employment opportunity may be squish and business diminishes due to kalboishakhi jhar. Union wise future possible affect of Kalboishaki jhar in Bishwamberpur Upazila are as follows ;

### Polasha Union :

Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in Polash union of Biswamberpur Upazila then 12 hector boro crop, 20 home & homestead ( partial), 250 latrines , 70 trees & plants, 3 religious institutes and 5 educational institutes and 05 electric filler may affected . As a result 1770 families may fall in loss directly or indirectly.

### Sholokabad Union :

Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in Sholokabad Union of Biswamberpur Upazila then 08 hector boro crop, 50 home & homestead ( partial), 70 latrines , 70 trees & plants, 3 religious institutes and 7 educational institutes and 01 electric filler may affected . As a result 2931 families may fall in loss directly or indirectly.

### Dhanpur Union :

Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in Dhanpur Union of Biswamberpur Upazila then 06 hector boro crop, 30 home & homestead ( partial), 55 latrines , 100 trees & plants, 08 religious institutes and 3 educational institutes and 02 electric filler may affected . As a result 2897 families may fall in loss directly or indirectly.

### Badaghat Dakkhin Union :

Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in Badaghat Dakkhin Union of Biswamberpur Upazila then 10 hector boro crop, 60 home & homestead (

partial), 120 latrines , 140 trees & plants, 03 religious institutes and 06 educational institutes and 03 electric filler may affected . As a result 1507 families may fall in loss directly or indirectly.

### Fatepur Union :

Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in Fatepur Union of Biswamberpur Upazila then 13 hector boro crop, 120 home & homestead ( partial), 110 latrines, 200 trees & plants, 04 religious institutes and 08 educational institutes may affected . As a result 2470 families may fall in loss directly or indirectly.

## 2.4 Vulnerability and Capacity

Hazard	Vulnerability	Capacity
Flashflood	<ul style="list-style-type: none"> <li>• Boro crop affects</li> <li>• Home &amp; homestead affects</li> <li>• Food crisis begin</li> <li>• Cattle food crisis began</li> <li>• Road &amp; pathway damage</li> <li>• Embankment damage</li> <li>• Hygienic latrine damage</li> </ul>	<ul style="list-style-type: none"> <li>• 08 KM embankment subsists.</li> <li>• 49 KM high road subsists.</li> <li>• Regular Upazila and Union Disaster Management Committee meeting held.</li> <li>• Union wise trained volunteer groups are active.</li> <li>• Early paddy variety seed 28 and 45 are available.</li> </ul>
Seasonal flood	<ul style="list-style-type: none"> <li>• Crops damage due to crop field soil up and food crisis begin.</li> <li>• Home &amp; homestead affected</li> <li>• Trees &amp; plants damages</li> <li>• Road &amp; pathway damages</li> <li>• Education and religious institutes damages</li> <li>• Graveyard in Fatepur and Badaghat Dakkhin union of Biswamberpur upazila goes under water</li> <li>• Cattle and poultry birds fall in to huge distress.</li> </ul>	<ul style="list-style-type: none"> <li>• There is a flood shelter in Dhanpur union of Biswamberpur Upazila.</li> <li>• 49 KM high road subsists.</li> <li>• The graveyard in Palash union of Biswamberpur upazila is in highland.</li> <li>• Upazila Disaster Management Committee takes initiatives for relief and rehabilitation supports.</li> <li>• Monthly meeting of Upazila Disaster Management Committee and Union Disaster Management held regularly.</li> <li>• Trained volunteer groups are active at union level.</li> </ul>
River erosion	<ul style="list-style-type: none"> <li>• Affect crops</li> <li>• Home &amp; homesteads and trees &amp; plants damage</li> </ul>	<ul style="list-style-type: none"> <li>• No capacity</li> </ul>



Hazard	Vulnerability	Capacity
	<ul style="list-style-type: none"> <li>Roads, bridges and culvert damage.</li> <li>Furniture &amp; fixtures damage</li> <li>Hampers employment opportunity.</li> </ul>	
Water logging	<ul style="list-style-type: none"> <li>Affect crops</li> <li>Home &amp; homesteads and trees &amp; plants damage</li> <li>Risk of malarial diseases increase by the increase of mosquitoes</li> <li>Water borne diseases increase</li> <li>Affects hygienic latrines.</li> <li>Roads damage</li> <li>Embankment damage</li> <li>Communication disrupt</li> </ul>	<ul style="list-style-type: none"> <li>08 KM embankment exists.</li> <li>Monthly meeting of Upazila Disaster Management Committee and Union Disaster Management held regularly.</li> <li>Trained volunteer groups are active at union level.</li> <li>Early variety seed BR-28 and BR45 are available</li> <li>There are 01 Upazila Health family welfare center, 02 health and family welfares center, and 17 Community clinics in this Upazila</li> </ul>
Kalboishakhi Jhar (Norwest hit)	<ul style="list-style-type: none"> <li>Affect boro crops</li> <li>Home &amp; homesteads and trees &amp; plants damage</li> <li>Scarcity of food begin</li> <li>Cattle and birds severely affects</li> <li>Forest damage</li> <li>Lives and assets damaged due to boat and lunch sunk.</li> <li>Cattle food crisis begin</li> <li>Electric line and filler damage</li> </ul>	<ul style="list-style-type: none"> <li>Monthly meeting of Upazila Disaster Management Committee and Union Disaster Management held regularly.</li> <li>Trained volunteer groups are active at union level.</li> <li>Early paddy variety seed BR 28 and BR 45 are available.</li> </ul>

## 2.5 Most Vulnerable Area

Hazard	Most Vulnerable Area	Reason of Vulnerability	Vulnerable Population
Flashflood	Fatehpur union	Upstream hilly overflow, Heavy rainfall	27737 person
Seasonal flood	Fatehpur union	Flash flood, Upstream hilly overflow, heavy	27737 person



		rainfall	
River erosion	Solukabad union (Dolura and Mathurkandi villages)	Excess sand and stone excavation from Chalti river.	10760 person
Water logging	Badaghat dakkhin Union	Upstream hilly overflow, Heavy rainfall and closing of embankment mouths.	25000 person
Kalboishakhi Jhar (Norwest hit)	Whole Biswamberpur Upazila	Climate change and seasonal flow affect.	156381 person

## 2.6 Main Sectors of Development Plan

Main Sectors	Detail Description	Coordination with DRR
Agriculture	There are 24,874 hector lands in Biswamberpur upazila. Among these cultivatable land is 15500 hectors and uncultivated land is 3070 hectors. Among cultivatable lands mono crops land 7300 hectors, two crops 5600 and tri crops land 2600 hectors. Besides, homesteads lands are in total 6304 hectors. There are 27573 persons lives on agriculture. Main crops of this Upazila are paddy- boro, aus and amon, potato, vegetables, wheat, chili, mustered, nuts, etc.	So, to protect agriculture from disaster risks early paddy seeds supply, block dam making in the river by the government, water management by sluice gate , change of river flow by dragging , sand and stone quarry control, deep tub-well sinking and earth place establishment is important.
Fisheries	There are 6 rivers, 115 channels, 35 beels, 150 ponds, and 648 water bodies in Biswamberpur Upazila. There are 2961 fishermen here. In this Upazila fish production hampered severely due to fishing in winter by drying up cannels & beels and at the beginning of the rainy season fishing of small fishes and fingerlings by current nets, triangular nets etc. Commonly used slogan is net owner is the owner of the water body but physically fishermen's access in	To protect fisheries from the disaster risks it is important to stop fishing by cannel & beels drying, by using current net and triangular nets and to continue awareness activities and advocacy works. Besides this, beels conservation, pond digging and fingerlings production is important.

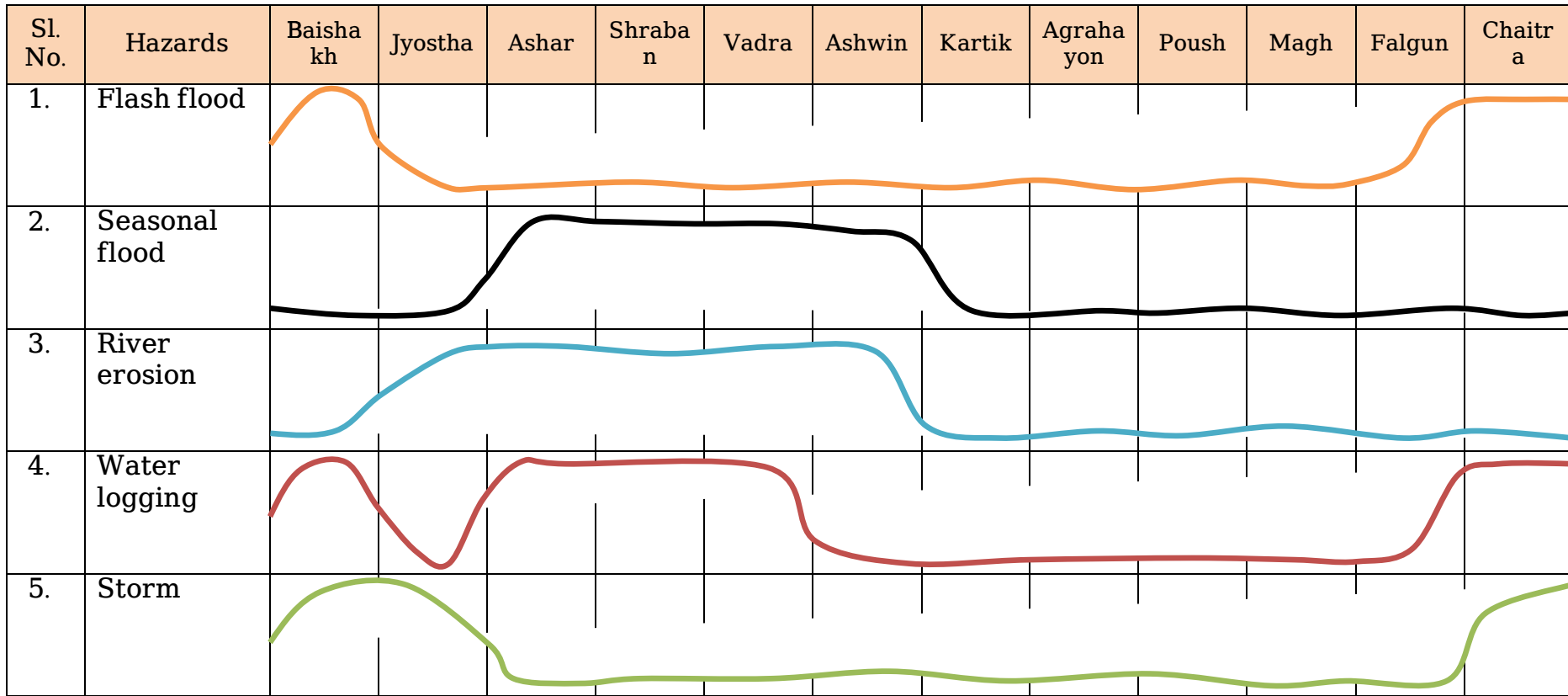
Main Sectors	Detail Description	Coordination with DRR
	the water-body is very limited.	
Livestock	<p>The main livestock in Biswamberpur Upazila cow, goat, sheep, duck, hen, birds, buffalo etc. In flash floods, seasonal floods, Norwest hits, river erosion, and water logging etc. disaster affects livestock in this Upazila. Due to flash flood cattle food crisis begin. Seasonal floods also cause of scarcity of cattle foods. Different diseases and cattle shed problems occurs in these disasters. It also caused the death of poultry birds and livestock. Besides, Norwest hit and thunderstorm cased death of cattle and birds. Again due to water logging cattle food crisis begin and different types of cattle diseases breakout.</p>	<p>To protect livestock it is important to supply cattle foods, high earth place establish and in case of diseases it is important to ensure emergency medicine. To prevent cow and goats it is essential to arrange vaccine and organize vaccination programs. So, it is very important to aware community on this issue.</p>
Health sector	<p>Health sector hampered in Biswamberpur Upazila due to flash flood, seasonal flood, Norwest hit, river erosion, water logging etc. In this upazila , flash flood, seasonal flood, Norwest hit, river erosion, water logging etc affects health sector in various aspects. During the seasonal floods peoples in this Upazila suffers from different water borne diseases due to the scarcity of pure drinking water. Besides, due to Norwest hit peoples were injured and death case happens. Probability of malarial diseases increase due to the increase of mosquito in the water-logging. At this time water bone diseases increase.</p>	<p>So , to reduce risks in health sector it is impotent ensure supply of sufficient medicine, water purification tablets to increase staffs in health sectors for emergency treatment . Above water level Tub well and latrine installation is also important.</p>
Livelihoods	Main livelihood options in Biswamberpur Upazila are agriculture, day labor, business,	To reduce disaster risk on livelihoods it is important to create employment

Main Sectors	Detail Description	Coordination with DRR
	<p>etc. There are total 27573 farmers, 2961 fishermen, 14517 day-labor and 2833 businessmen. Flash flood, seasonal flood, Norwest hit, river erosion, water logging etc. disaster in this Upazila occurs frequently and as a result peoples livelihoods hampered due to the increased dimension of disasters. That is why scope of employment decrease and agriculture production hampered which influence people's livelihood negatively.</p>	<p>opportunity and to involve in income generation activities it is important to organize trade base training.</p>
<p>Trees and plants</p>	<p>There are 10 KM stripe garden i.e. social forest in Biswamberpur Upazila. In this forest there are kadam, akashmony, raintree, arjun, jum, jack fruits, etc trees. Besides, community peoples initiate forests around their homes and in the homesteads. Source- Forest Range, Sunamganj.</p>	<p>To reduce disaster damage of trees &amp; plants i.e. to protect homestead, roads, natural resources it is important to initiate social afforestation.</p>
<p>Infrastructures</p>	<p>There are 70.4 KM embankment, 312.73 MK roads, 44 bridge, 216 culverts, 29336 houses, 95 schools and 322 religious institutes in Biswamberpur Upazila. Different disasters like flash flood, seasonal flood, Norwest hit, river erosion, water logging, thunderstorm etc. caused damage in different types of infrastructures like roads, bridges, culvert, education and religious institutes, houses etc.</p>	<p>To protect infrastructures i.e. roads, bridges, culvert, education and religious institutes, houses etc., it is important to construct submerge-able roads, roads construction and repair, bridge and culvert making, village protection wall construction, and undertaking social forestry program.</p>

**2.7 Social Map** Attached on Annexure 7.

**2.8 Hazard and Risk Map** Attached on Annexure 8.

## 2.9 Seasonal Calendar of Hazard



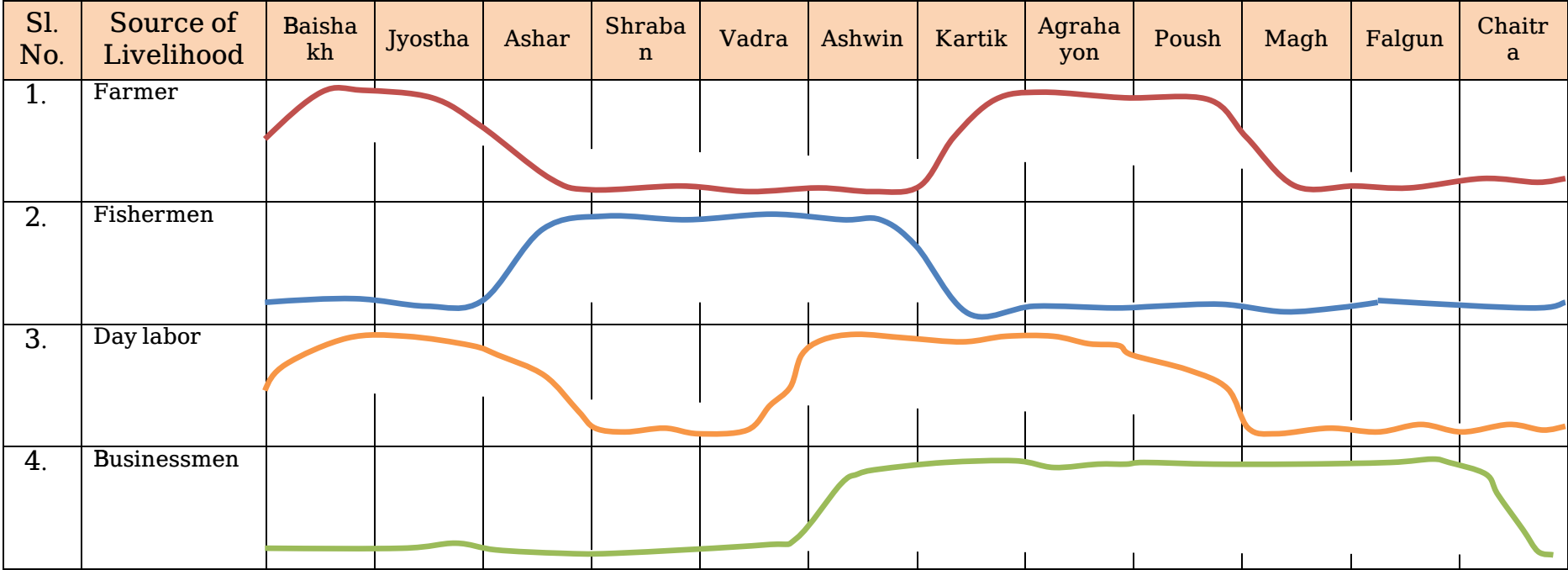
Analysis of seasonal calendar of hazard shows, hazards happens in which months of the year and in which months of the years its affects is more or less by the line diagram. As part of Disaster Management Plan preparation, following are known by the discussion with the participants;

- Flash flood is the main hazard of this upazila which occurs at the end of the month Chaitra or at the beginning of the month Boishakh. Basically, upstream water enter through Chalti river at Dalura and Mechakhali point which cause flash floods. In each and every year disaster including flash flood damage Boro paddy in Biswamberpur. Flash thrash the peoples in the bank of haor to helpless by taking everything belongs to them. It washed away every things including main livelihood option of this Upazila the boro crops, along these it severely damage embankment and roads of this areas. At this time scarcity of cattle food seriously take place. Affect of flash flood spread in all levels of the community, specially job opportunity of low income group become narrow and businessmen's business diminish.
- Biswamberpur upazila is one of the brutally flood affected areas. In rainy season, basically seasonal floods occurs due to the upstream heavy rainfall in Meghaloya. Generally from the month of Ashar to Aswin flood continue here which harshly concern the agriculture, fisheries, infrastructure, establishment, education and communication sectors. In rainy season entire areas of Biswamberpur upazila deluge in water. Then , from the long distance each and every village shows like a floating weed. in this time wind in Haor creates series of weaves. It dents the home & homesteads, roads and embankments. Besides, drown of boats caused death. Illustratable that during the floods peoples suffers from different types of water borne diseases due to lack of pure drinking water. Specially in this time pregnant mother, children, elderly and disable's life become most awful.
- In Biswamberpur upazila river erosion is most. In each and every years river erosion continued. River erosion occurs here generally from the month Jhasto to Aswin. As a result agriculture, crops, houses, roads, tree, in this area sunk in Chalti and Jhadukata river. It hampers food production and peoples become homeless and it affects the environment. Chalti river at Dalura and Michakhali point in Meaher char caused increased river erosion due to unauthorized stone quarry by the boma machine. Many of the peoples lost home and homesteads and many have lost agriculture lands in continued river erosion and living in a vulnerable life. Mentionable that continued river erosion in 2013, 20 home and homestead in Dolura village under sholokabad union went under water and become traceless and economic value of this damage is around one crore taka. To protect the villagers from river erosion there was no initiatives taken neither by the government nor by the non-government organization for long time. If

government does not take natives to make block dam, river dragging for changing river flow-way and control of sand and stone quarry then these areas will be detached from other areas of the upazila and many houses will be damaged and traceless. River erosion here is common in each year but it was enormous in 2013.

- Upstream water from Indian Meghalaya through Chalti river at Dalura and Michakhali point basically create flash floods in Biswamberpur Upazila. Then the open mouth of Karcharhali and Angarulir haors embankment were closed to protect boro crop. It creates water logging in this areas. Generally water logging occurred in Sholokabad union of Biswamberpur Upazila from the month Chaitra to Boishakh and Ashar to Bhaddra. As a result crops, houses, roads, embankment, trees & plants and education and religious institute are affected. So, possibility of malarial diseases becomes high due to the increase of malarial mosquito. Water borne diseases increased. Illustratable that due to water logging in 2010 affected 400 hector seedbed, 6 KM road (partially), 2 KM embankment (partially), 140 latrine and 5 religious institute. Hygienic latrine was also damaged and communication disrupted. So, it is necessary to control water through sluice gate.
- In Sunamganj district the vulnerability of Kalboishakhai Jhar is huge. Generally in Biswamberpur Upazila Kalboishakhai Jhar occurs during the end of the month Chaitra to Boishakh. Due to Kalboishakhai Jhar Boro crop, home & homestead, cattle, birds, trees & plants and forest, electric cable & filler and educational & religious institutes are affected. In this death case occurs, food crisis happens, boat and lunch drawn occurs and lives and assets damaged. In each year kalboishakhi jhar occurs but the year of 2009, 2010 and 2011 the Kalboishakhi Jhar was very strong and severe. Illustratable that in the Kalboishakhi Jhar of 2009, 35 home & home stead damaged partially and in 2010 tk. 2898000 and in 2011 tk. 22.39 boro crop damaged.

### 2.10 Seasonal Calendar of Livelihood





On the other hand, the analysis of seasonal livelihood calendar shows life and livelihoods occurs in different months of the year and in different month there is season for livelihoods and in some months livelihoods are dawdling. These are shown in the line diagram. As part of Disaster Management Plan preparation, following are known by the discussion with the participants;

- Bangladesh is land of agriculture. 80% population in Bangladesh depends in agriculture. There are total 27573 farmers in Biswamberpur Upazila. Boro crop is the only livelihood options of the farmers in this area. That very boro crop affect in each and every year by any of the natural disasters. Among these disasters flash flood is illustratable. Flash flood affects severely about 90% agriculture of this upazila. As a result farmers in this Upazila become most susceptible for their livelihoods. So, they have to choose different hazardous jobs to survive in the earth with their family. They have to move to the Bholagonj stone quarry distance areas of Chaatak Upazila for the sake of their livelihoods. Besides, they work as construction labor in different town.
- If ‘only survive in the earth” is life then they are the day labor. Those who are working hard from the sun rise to the down to survive in the earth are staying deserted. They are deprived from health, education and shelter facility along with other civic rights. From the month of Aswin to Joistha though they work hard and earn their livelihood , the remaining period they stay unemployed and live with half a meal and or without meal in a day. Again, some of them move from none area to another area of the country for the sake of the job.
- A few people of this upazila are involved in business in comparison of the total population of the Upazila to earn their livelihood. After that, business season of the businessmen are from the month of Aswin to Falgun. The rest months are the anomalous season for business but not bad at all.

## 2.11 Life and Livelihood Related Vulnerability

Sl. No.	Livelihood	Hazards				
		Seasonal flood	Flash flood	River erosion	Water logging	Storm
1.	Agriculture	✓	✓	✓	✓	✓
2.	Fishery	✓	✓			
3.	Day labor	✓			✓	✓
4.	Businessmen	✓			✓	✓

## 2.12 Sector wise Hazard and Risk

Biswamberpur is a very disaster prone high risk Upazila in Sunamganj where main livelihood is agriculture. Different types of disasters are the main constraints on the way to development of this Upazila. The main disaster of this Upazila are ; flash flood, seasonal flood, river erosion, water logging, kalboishakhai Jhar( storm) etc. Basically , flash flood in Biswamberpur occurs due to the flow of upstream Meghaloy water through chalti river in Dalura and Michakhali points. It damage boro crops of Biswamberpur Upazila. Generally to protect crops in Karcha, Halir and Angarulir Haor the open mouth of the embankment were closed. As a result water logging occurred in this areas and crops damaged. Besides, upstream water flow, and heavy rainfall in the month of Ashar to Bhadra generate seasonal floods in this upazila. Chalti river in Dalura and Michakhali points specially unauthorized sand and stone quarry in Meaheer char through boma machine occurs increased continued river erosion in those areas. Hazard specific vulnerable social elements are as follows;

Hazards	Vulnerable Social Elements									
	Paddy	Tree & Plants	Livestock	Fishery	Roads	Breeze Culvert	Educatio n Inst.	Health	Shelters	Seedbed
Flash flood	■	■	■	■	■					■
Seasonal flood		■	■	■	■	■	■	■	■	■
River erosion	■	■	■	■	■	■	■	■	■	■
Water logging	■	■	■		■	■	■	■		■
Storm	■	■	■			■	■	■	■	■

Main disaster of this upazila are flash flood, seasonal flood, river erosion, water logging, Norwest hit, thunder storm etc. These disaster basically affects different social components such as crops, trees & plants, livestock, fisheries, roads, bridges, culverts, schools, health, shelters, seedbeds, etc. Union wise risks of above hazards are described below;

- Due to heavy rainfall and upstream water from Meghaloy if there is flash flood in Biswamberpur Upazila or if flashflood occurs like in 2010 in **Polash union** of Biswamberpur Upazila then 750 hector boro crop, 150 home & homestead ( partial), 05 KM roads (partial), 04 educational institutes, 08 religious institutes, 1.5 KM embankment, 15 ponds fish, and 280 trees & plants may affected . As a result 2650 families may fall in loss directly or indirectly.
- In Biswamberpur Upazila, due to heavy rainfall and upstream water from Meghaloy if there is flash flood or if flashflood occurs like in 2010 in **Sholokabad Union** then 450 hector boro crop, 130 home & homestead , 4.5 KM roads (partial), 05 educational institutes, 06 religious institutes, 1.0 KM

embankment, 20 ponds fish, and 315 trees & plants may affected . As a result 4350 families may fall in loss directly or indirectly.

- Due to heavy rainfall and upstream water from Meghaloy if there is flash flood in Biswamberpur Upazila or if flashflood occurs like in 2010 in **Dhanpur Union** of Biswamberpur Upazila then 525 hector boro crop, 45 home & homestead, 03 KM roads (partial), 07 educational institutes, 05 religious institutes, 1.0 KM embankment, 05 ponds fish, and 175 trees & plants may affected . As a result 2700 families may fall in hammer directly or indirectly.
- In Biswamberpur Upazila, due to heavy rainfall and upstream water from Meghaloy if there is flash flood or if flashflood occurs like in 2010 in **Badaghat Dakkhin Union** then 1200 hector boro crop, 300 home & homestead , 05 KM roads (partial), 10 educational institutes, 09 religious institutes, 5 KM embankment, 10 ponds fish, and 350 trees & plants may affected . As a result 1250 families may fall in loss directly or indirectly.
- Due to heavy rainfall and upstream water from Meghaloy if there is flash flood in Biswamberpur Upazila or if flashflood occurs like in 2010 in **Fatehpur Union** of Biswamberpur Upazila then 1500 hector boro crop, 500 home & homestead, 07 KM roads (partial), 15 educational institutes, 12 religious institutes, 10 KM embankment, 09 ponds fish, and 550 trees & plants may affected . As a result 4350 families may fall in hammer directly or indirectly.
- Due to heavy rainfall and upstream water from Meghaloy if there is seasonal flood in Biswamberpur Upazila or if seasonal flood occurs like in 1998 in **Polash Union** of Biswamberpur Upazila then 720 hector amon crop, 130 hector vegetable, 350 home & homestead, 03 KM roads (partial), 2.5 KM embankment, 220 trees & plants, 14 educational institutes, 130 tub-wells, 1020 latrines and 08 religious institutes may be affected . As a result 1770 families may fall in hammer directly or indirectly.
- In Biswamberpur Upazila, due to heavy rainfall and upstream water from Meghaloy if there is seasonal flood or if seasonal flood occurs like in 1998 in **Sholokabad Union** then 428 hector amon crop, 62 hector vegetable, 390 home & homestead, 3.5 KM roads (partial), 2 KM embankment, 330 trees & plants, 12 educational institutes, 105 tub-wells, 350 latrines and 05 religious institutes may be affected . As a result 2931 families may fall in hammer directly or indirectly.
- Due to heavy rainfall and upstream water from Meghaloy if there is seasonal flood in Biswamberpur Upazila or if seasonal flood occurs like in 1998 in **Dhanpur Union** of Biswamberpur Upazila then 447 hector amon crop, 49 hector vegetable, 175 home & homestead, 3.75 KM roads (partial),

1.5 KM embankment, 180 trees & plants, 10 educational institutes, 35 tub-wells, 320 latrines and 06 religious institutes may be affected . As a result 2897 families may fall in hammer directly or indirectly.

- In Biswamberpur Upazila, due to heavy rainfall and upstream water from Meghaloy if there is seasonal flood or if seasonal flood occurs like in 1998 in **Badaghat Dakkhin Union** then 668 hector amon crop, 92 hector vegetable, 442 home & homestead, 4 KM roads (partial), 6 KM embankment, 130 trees & plants, 15 educational institutes, 127 tub-wells, 770 latrines and 08 religious institutes may be affected . As a result 1507 families may fall in hammer directly or indirectly.
- Due to heavy rainfall and upstream water from Meghaloy if there is seasonal flood in Biswamberpur Upazila or if seasonal flood occurs like in 1998 in **Fatehpur Union** of Biswamberpur Upazila then 992 hector amon crop, 160 hector vegetable, 520 home & homestead, 7 KM roads (partial), 10 KM embankment, 550 trees & plants, 17 educational institutes, 155 tub-wells, 1020 latrines and 12 religious institutes may be affected . As a result 2470 families may fall in hammer directly or indirectly.
- Unrestricted stone quarry by Boma Machine from Chalti river at Dalura and Michakhali point specially in Meaheer-char and climate change river erosion in this Upazila may be higher and damage may be increased in future. Due to river erosion in Dalura and Jinerpur village in **Sholokabad union** 180 houses and 25 hector amon crop, 4 KM road (partially), 20 Tub-well, 45 latrines and 250 trees & plants are in high possibility of damage. As a result 550 families may fall in losses directly or indirectly.
- There is high possibility of water logging and related damage in **Badaghat Dokkhin union** of this upazila in future. Due to water logging in this union there is possibility of damage of 450 hector seedbed, 10 KM road (partial), 10 tub-well, 250 latrine and 7 religious institution. As a result 475 families may fall in loss directly or indirectly. are in high possibility of damage. As a result 550 families may fall in losses directly or indirectly.
- Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in **Polash union** of Biswamberpur Upazila then 12 hector boro crop, 20 home & homestead ( partial), 250 latrines , 70 trees & plants, 3 religious institutes and 5 educational institutes and 05 electric filler may be affected . As a result 1770 families may fall in loss directly or indirectly.
- Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in **Sholokabad Union** of Biswamberpur Upazila then 08 hector boro crop, 50 home & homestead ( partial), 70 latrines , 70 trees & plants, 3 religious institutes and 7

educational institutes and 01 electric filler may affected . As a result 2931 families may fall in loss directly or indirectly.

- Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in **Dhanpur Union** of Biswamberpur Upazila then 06 hector boro crop, 30 home & homestead ( partial), 55 latrines , 100 trees & plants, 08 religious institutes and 3 educational institutes and 02 electric filler may affected . As a result 2897 families may fall in loss directly or indirectly.
- Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in **Badaghat Dakkhin Union** of Biswamberpur Upazila then 10 hector boro crop, 60 home & homestead ( partial), 120 latrines , 140 trees & plants, 03 religious institutes and 06 educational institutes and 03 electric filler may affected . As a result 1507 families may fall in loss directly or indirectly.
- Due to climate change and affect of seasonal wind if there is Kalboishakhi Jhar or if Kalboashaki Jhar hit like in 2011 in **Fatepur Union** of Biswamberpur Upazila then 13 hector boro crop, 120 home & homestead ( partial), 110 latrines , 200 trees & plants, 04 religious institutes and 08 educational institutes may affected . As a result 2470 families may fall in loss directly or indirectly.

## 2.13 Climate Change and it's Feasible Impact

Sectors	Description
Agriculture	<p>Due to climate change in future, frequent flash floods, seasonal floods, Norwest hit, river erosion, water logging may occur in this upazila and its coverage may increased. Agriculture sector may have huge damage from this. At this time cattle food scarcity may be high. Employment opportunity for day labor may be lessen and business opportunity may be limited. Due to the climate change in future in Biswamberpur upazila, union wise different disaster damage trend are follows;</p> <p><b>Polash Union :</b></p> <p>In future, due to climate change in Polash union of Biswamberpur Upazila may damage flash flood 750 hector boro crop, seasonal flood approximately 720 hector amon crops, Kalboishakhai Jhar approximately 12 hector boro crops. At all due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</p> <p><b>Sholukabad Union :</b></p> <p>In future, due to climate change in Sholukabad union of Biswamberpur Upazila may damage flash flood 450 hector boro crop, seasonal flood approximately 428 hector amon crops, river erosion 25 hector crops and Kalboishakhai Jhar approximately 08 hector boro crops. At all due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</p> <p><b>Dhanpur Union :</b></p> <p>In future, due to climate change in Dhanpur union of Biswamberpur Upazila may damage flash flood 525 hector boro crop, seasonal flood approximately 447 hector amon crops, and Kalboishakhai Jhar approximately 06 hector boro crops. As a whole due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</p> <p><b>Badaghat Dakkhin Union :</b></p> <p>In future, due to climate change in Badaghat Dakkhin union of Biswamberpur Upazila may damage flash flood 1200 hector</p>

Sectors	Description
	<p>boro crop, seasonal flood approximately 668 hector amon crops, water logging 450 hector seedbeds and Kalboishakhai Jhar approximately 10 hector boro crops. As a whole due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</p> <p><b>Fatepur Union :</b></p> <p>In future, due to climate change in Fatepur union of Biswamberpur Upazila may damage flash flood 1500 hector boro crop, seasonal flood approximately 992 hector amon crops, and Kalboishakhai Jhar approximately 13 hector boro crops. As a whole due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</p>
Fisheries	<p>Due to climate change in future, frequent flash floods , seasonal floods, Norwest hit, river erosion, water logging may occur in this upazila and its coverage may increased. Fisheries sector may have huge affect from this. Due to fishing by drying up, rivers &amp; bills in winter and at the beginning of rainy season catching fingerlings with tri-angular nets or current nets fish production in this upazila may be hampered seriously. Again through “Water body belong to the net owners” slogan is common here but fishermen’s access to water body is limited. Safe zone of fish in this upazila is losing, which in future may be huge. That is why fish production may be reducing. Not only this, growth of fish is also lessening. Due to the climate change in future in Biswamberpur upazila, union wise different disaster damage trend on fisheries are follows;</p> <p><b>Polash Union :</b></p> <p>In future, due to climate change in Polash union of Biswamberpur Upazila flash flood may damage fisheries in 15 ponds. Besides, due to flash flood and water logging fisheries may affected by various diseases. As a whole due to climate change in future in this union fish production may reduce severely.</p> <p><b>Sholukabad Union :</b></p> <p>In future, due to climate change in Sholukabad union of Biswamberpur Upazila flash flood may damage fisheries in 20 ponds. Besides, due to flash flood and water logging fisheries</p>



Sectors	Description
	<p>may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</p> <p><b>Dhanpur Union :</b></p> <p>In future, due to climate change in Dhanpur union of Biswamberpur Upazila flash flood may damage fisheries in 05 ponds. Besides, due to flash flood and water logging fisheries may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</p> <p><b>Badaghat Dakkhin Union :</b></p> <p>In future, due to climate change in Badaghat Dakkhin union of Biswamberpur Upazila flash flood may damage fisheries in 10 ponds. Besides, due to flash flood and water logging fisheries may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</p> <p><b>Fatepur Union :</b></p> <p>In future, due to climate change in Fatepur union of Biswamberpur Upazila flash flood may damage fisheries in 09 ponds. Besides, due to flash flood and water logging fisheries may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</p>
Trees & plants	<p>Due to climate change in future, frequent flash floods , seasonal floods, river erosion, water logging and Norwest hit may occur in this upazila and its smash up may be increased. Trees &amp; plants may have huge affect from this. Due to the climate change in future in Biswamberpur upazila, union wise different disaster damage trend are follows;</p> <p><b>Polash Union :</b></p> <p>In future, due to climate change in Polash union of Biswamberpur Upazila flash flood may damage 280 tree &amp; plants, seasonal floods -220 trees &amp; plants and Norwest hit -70 trees &amp; plants.</p> <p><b>Sholukabad Union :</b></p>

Sectors	Description
	<p>In future, due to climate change in Sholukabad union of Biswamberpur Upazila flash flood may damage 215 tree &amp; plants, seasonal floods -330 trees &amp; plants, river erosion-250 trees &amp; plants and Norwest hit -70 trees &amp; plants.</p> <p><b>Dhanpur Union :</b></p> <p>In future, due to climate change in Dhanpur union of Biswamberpur Upazila flash flood may damage 175 tree &amp; plants, seasonal floods -180 trees &amp; plants, and Norwest hit -100 trees &amp; plants.</p> <p><b>Badaghat Dakkhin Union :</b></p> <p>In future, due to climate change in Badaghat Dakkhin union of Biswamberpur Upazila flash flood may damage 350 tree &amp; plants, seasonal floods -180 trees &amp; plants, water logging -15 trees and Norwest hit -140 trees &amp; plants.</p> <p><b>Fatepur Union :</b></p> <p>In future, due to climate change in Fatepur union of Biswamberpur Upazila flash flood may damage 550 tree &amp; plants, seasonal floods -500 trees &amp; plants, and Norwest hit -200 trees &amp; plants.</p>
Health	<p>Due to climate change in future, frequent flash floods , seasonal floods, river erosion, water logging and Norwest hit may occur in this upazila and its smash up may be increased. Health sector may be affected seriously. That is different types of diseases may breakout. Besides, due to Norwest hit and thunder storm peoples may be injured and death case may be occurred. Due to the climate change in future in Biswamberpur upazila, union wise different disaster damage trend are follows;</p> <p><b>Polash Union :</b></p> <p>In future, due to climate change in Polash union of Biswamberpur Upazila among 28893 population 2% may suffer from diarrhea, 1% (children) may suffer pneumonia, 2.5 % may suffer from Tipoyet, 2% may suffer from dysentery, 3% may suffer from Jhondish, 5% may suffer from skin diseases, and 3% may suffer different viral diseases. As a result each and every family in this union may have different loses including economic insolvency.</p>

Sectors	Description
	<p><b>Sholukabad Union :</b></p> <p>In future, due to climate change in Sholukabad union of Biswamberpur Upazila among 37375 population 1% may suffer from diarrhea, 0.7% (children) may suffer pneumonia, 3 % may suffer from Tipoyet, 2% may suffer from dysentery, 3% may suffer from Jhondish, 1% may suffer from skin diseases, and 3% may suffer different viral diseases. Due to river erosion, among 37375 population 1 % peoples may suffer from different diseases including Jhondish. As a result each and every family in this union may have different loses including economic insolvency.</p> <p><b>Dhanpur Union :</b></p> <p>In future, due to climate change in Dhanpur union of Biswamberpur Upazila among 37376 population 1.5% may suffer from diarrhea, 1% (children) may suffer pneumonia, 1 % may suffer from Tipoyet, 2% may suffer from dysentery, 2% may suffer from Jhondish, 5% may suffer from skin diseases, and 3% may suffer different viral diseases. As a result each and every family in this union may have different loses including economic insolvency.</p> <p><b>Badaghat Dakkhin Union :</b></p> <p>In future, due to climate change in Badaghat Dakkhin union of Biswamberpur Upazila among 25000 population 2.5% may suffer from diarrhea, 1% (children) may suffer pneumonia, 2.2 % may suffer from Tipoyet, 3% may suffer from dysentery, 3% may suffer from Jhondish, 4% may suffer from skin diseases, and 2.5% may suffer different viral diseases. Due to river erosion, among 25000 population 1.5% may suffer from diarrhea, 1.5% (children) may suffer pneumonia, 1 % may suffer from Tipoyet, 4 % may suffer from dysentery, 4% may suffer from Jhondish, 5% may suffer from skin diseases, and 1.7% may suffer different viral diseases. As a result each and every family in this union may have different loses including economic insolvency.</p> <p><b>Fatepur Union :</b></p> <p>In future, due to climate change in Fatepur union of Biswamberpur Upazila among 27737 population 3% may suffer from diarrhea, 1% (children) may suffer pneumonia, 3 % may suffer from Tipoyet, 1.8% may suffer from dysentery, 4% may suffer from Jhondish, 3% may suffer from skin diseases,</p>

Sectors	Description
	and 5% may suffer from different diseases including viral fever.As a result each and every family in this union may have different loses including economic insolvency.
Livelihoods	<p>Due to climate change in future, frequent flash floods , seasonal floods, river erosion, water logging and Norwest hit may occur in this upazila and its smash up may be increased. Agriculture and fisheries may be affected seriously from these and employment opportunity may be squish and mash up in business which may affect livelihood of the people unenthusiastically. Due to the climate change in future in Biswamberpur upazila, union wise different disaster damage trend are follows;</p> <p><b>Polash Union :</b></p> <p>In future, due to climate change in Polash union of Biswamberpur Upazila, in case of flash flood 2650 farmer, 650 fishermen, 980 day labor may be affected. In seasonal flood 1770 farmers, 1030 day labor and 105 businessmen may be affected. In Kalboishakhai Jhar 1770 farmers, 530 day labor and 20 businessmen may be affected.</p> <p><b>Sholukabad Union :</b></p> <p>In future, due to climate change in Sholukabad union of Biswamberpur Upazila, in case of flash flood 4350 farmer, 520 fishermen, 780 day labor may be affected. In seasonal flood 2931 farmers, 550 day labor and 120 businessmen may be affected. In river erosion 550 farmers, 350 day labor and 27 businessmen may be affected. In Kalboishakhai Jhar 2931 farmers, 280 day labor and 30 businessmen may be affected.</p> <p><b>Dhanpur Union :</b></p> <p>In future, due to climate change in Dhanpur union of Biswamberpur Upazila, in case of flash flood 1250 farmer, 550 fishermen, 977 day labor may be affected. In seasonal flood 1507 farmers, 710 day labor and 57 businessmen may be affected. Due to water logging 475 farmers, 680 day labor may be affected. In Kalboishakhai Jhar 1507 farmers and 310 day labor may be affected.</p> <p><b>Badaghat Dakkhin Union :</b></p> <p>In future, due to climate change in Badaghat Dakkhin union of Biswamberpur Upazila, in case of flash flood 1250 farmer, 550</p>

Sectors	Description
	<p>fishermen, 977 day labor may be affected. In seasonal flood 1507 farmers, 710 day labor and 57 businessmen may be affected. Due to water logging 475 farmers and 680 day labor may be affected. In Kalboishakhai Jhar 1507 farmers and 310 day labor may be affected.</p> <p><b>Fatepur Union :</b></p> <p>In future, due to climate change in Fatepur union of Biswamberpur Upazila, in case of flash flood 4350 farmer, 861 fishermen, 1202 day labor and 40 businessmen may be affected. In seasonal flood 2470 farmers, 1408 day labor and 140 businessmen may be affected. In Kalboishakhai Jhar 2470 farmers, 440 day labor and 35 businessmen may be affected.</p>
Water	<p>Due to climate change in future, frequent flash floods, seasonal floods, river erosion, water logging etc. may occur in this upazila and its smash up may be increased. Tub-well may be affected seriously from these. Besides, as a result of climate change under ground water level may be higher day by day. As a result scarcity of drinking water may be happened. Due to the different disaster in Biswamberpur upazila, union wise affect trend are follows;</p> <p><b>Polash Union :</b></p> <p>In future, due to climate change in Polash union of Biswamberpur Upazila, in case of seasonal flood 130 tub-well may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</p> <p><b>Sholukabad Union :</b></p> <p>In future, due to climate change in Sholukabad union of Biswamberpur Upazila, in case of seasonal flood 105 tube well and due to river erosion 20 tube well may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</p> <p><b>Dhanpur Union :</b></p> <p>In future, due to climate change in Dhanpur union of Biswamberpur Upazila, in case of seasonal flood 35 tub-well may be damage. As a result scarcity of drinking water may</p>

Sectors	Description
	<p>happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</p> <p><b>Badaghat Dakkhin Union :</b></p> <p>In future, due to climate change in Badaghat Dakkhin union of Biswamberpur Upazila, in case of seasonal flood 127 tub-wells and due to water logging 10 tube well may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</p> <p><b>Fatepur Union :</b></p> <p>In future, due to climate change in Fatepur union of Biswamberpur Upazila, in case of seasonal flood 155 tube wells may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</p>
Infrastructure	<p>Due to climate change in future, frequent flash floods , seasonal floods, river erosion, water logging etc. may occur in this upazila and its smash up may be increased. Different types of infrastructure such as roads, embankment, bridge, culverts, education institutes, religious institutes, houses etc may be damage and it may be huge in future. In future, due to the different disaster in Biswamberpur upazila, union wise affect trend are follows;</p> <p><b>Polash Union :</b></p> <p>In future, due to climate change in Polash union of Biswamberpur Upazila in flash flood 1.5 KM embankment, 05 KM roads (partial), 150 home &amp; homestead, 4 educational institutes and 08 religious institutes may be affected. In seasonal flood 2.5 KM embankment, 03 KM roads (partial), 350 home &amp; homestead, 14 educational institutes, 08 religious institutes and 1020 latrines may be affected. Due to Kalboishakhai Jhar 20 home &amp; homestead (partial), 5 educational institutes, 03 religious institutes, 5 electric filler and 250 latrines may be affected.</p> <p><b>Sholukabad Union :</b></p> <p>In future, due to climate change in Sholukabad union of</p>

Sectors	Description
	<p>Biswamberpur Upazila in flash flood 1.0 KM embankment, 4.5 KM roads (partial), 130 home &amp; homestead, 5 educational institutes and 06 religious institutes may be affected. In seasonal flood 2.0 KM embankment, 3.5 KM roads (partial), 390 home &amp; homestead, 12 educational institutes, 05 religious institutes and 350 latrines may be affected. Due to river erosion 180 home &amp; homestead (partial), 45 latrines, and 04 KM roads (partial) 5 may be affected. Due to Kalboishakhai Jhar 50 home &amp; homestead (partial), 7 educational institutes, 03 religious institutes, 1 electric filler and 70 latrines may be affected.</p> <p><b>Dhanpur Union :</b></p> <p>In future, due to climate change in <b>Dhanpur</b> union of Biswamberpur Upazila in flash flood 1.0 KM embankment, 3 KM roads (partial), 45 home &amp; homestead, 7 educational institutes and 05 religious institutes may be affected. In seasonal flood 1.5 KM embankment, 3.75 KM roads (partial), 175 home &amp; homestead, 10 educational institutes, 06 religious institutes and 320 latrines may be affected. Due to Kalboishakhai Jhar 30 home &amp; homestead (partial), 3 educational institutes, 08 religious institutes, 2 electric filler and 55 latrines may be affected.</p> <p><b>Badaghat Dakkhin Union :</b></p> <p>In future, due to climate change in Badaghat Dakkhin union of Biswamberpur Upazila in flash flood 5.0 KM embankment, 5 KM roads (partial), 300 home &amp; homestead, 10 educational institutes and 09 religious institutes may be affected. In seasonal flood 6.0 KM embankment, 4.0 KM roads (partial), 442 home &amp; homestead, 15 educational institutes, 08 religious institutes and 770 latrines may be affected. Due to water logging 4.0 KM embankment, 10.0 KM roads (partial), 07 religious institutes and 250 latrines may be affected. In Kalboishakhai Jhar 60 home &amp; homestead (partial), 6 educational institutes, 03 religious institutes, 3 electric filler and 120 latrines may be affected.</p> <p><b>Fatepur Union :</b></p> <p>In future, due to climate change in Fatepur union of Biswamberpur Upazila in flash flood 10.0 KM embankment, 07 KM roads (partial), 500 home &amp; homestead, 15 educational</p>



Sectors	Description
	<p>institutes and 12 religious institutes may be affected. In seasonal flood 10.0 KM embankment, 7.0 KM roads (partial), 520 home &amp; homestead, 17 educational institutes, 12 religious institutes and 1020 latrines may be affected. In Kalboishakhai Jhar 120 home &amp; homestead (partial), 8 educational institutes, 04 religious institutes, and 110 latrines may be affected.</p>

## Section 3: Disaster Risk Reduction

### 3.1 Risk Factors Identification

Hazards	Reasons		
	Immidiata	Mid Term	Final
Flash flood	Heavy rainfall and Upstream water	Siltation in rivers and cannels Lack of maintenance of the embankments.	Geographical location and of climate change of the Upazila
Seasonal flood	Heavy rainfall and Upstream water	Siltation in rivers and cannels	Geographical settings of the Upazila
River erosion	Open send & stone quarry by Boma Machine.	Heavy rainfall and upstream water	Geographical settings of the Upazila
Water logging	Heavy rainfall and Upstream water	Siltation in rivers and cannels, lack of drainage system, i.e. closing of open mouth of embankment of Karcha, Halir, Angaruli haors to protect boro crops from flash floods.	Geographical settings of the Upazila
Kalboishakhai Jhar (Norwest hit)	Geographical settings of the Upazila	Inadequate trees and plants.	Affect of climate change.

### 3.2 Identify Means of Risk Reduction

Hazards	Feasible Measures of Risk Reduction		
	Short Term	Mid Term	Long Term
Flash flood	<ul style="list-style-type: none"> <li>• Early variety of paddy seeds 28 &amp; 45 supply</li> <li>• Timely embankment</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of sluice gate</li> <li>• Rubber dam making</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of embankment</li> <li>• Dragging of rivers and</li> </ul>

Hazards	Feasible Measures of Risk Reduction		
	Short Term	Mid Term	Long Term
	<ul style="list-style-type: none"> <li>repaired and maintenance</li> <li>• Manage drainage system</li> <li>• Preservation of crop seeds.</li> <li>• Early warning system establishes.</li> </ul>	<ul style="list-style-type: none"> <li>• Readiness of Volunteers groups</li> </ul>	<ul style="list-style-type: none"> <li>cannels</li> <li>• Plantation of Hijal &amp; koros forests to protect lives from the weaves.</li> </ul>
Seasonal flood	<ul style="list-style-type: none"> <li>• Dam repair</li> <li>• Drainage system establishing</li> <li>• Repair shelters</li> <li>• Plinth raising</li> <li>• Keeping engine boat ready for emergency rescue, treatment and supports</li> <li>• Shelter repair.</li> <li>• Prepare protection walls with Ikor, bushes, nolkhagra, dolkolmi, etc to protect villages, roads, and dams from the damage of the weaves.</li> </ul>	<ul style="list-style-type: none"> <li>• Placement of rubber dam</li> <li>• Village protection wall construction</li> <li>• Keeping volunteers groups ready</li> <li>• Upholding of tub-wells in the low-laying areas up to flood levels.</li> <li>• Construction of earth-hillers</li> <li>• Village disaster management committee formation</li> <li>• Formation of sub-committees in</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of earth hillers.</li> <li>• Roads rising above the flood level.</li> <li>• Dragging of rivers and cannels</li> <li>• Hissal &amp; korose plantation to protect village and lives.</li> <li>• Construction of sustainable dam with blocks.</li> <li>• Sub-merge able road construction</li> <li>• Road construction</li> <li>• Culvert</li> </ul>

Hazards	Feasible Measures of Risk Reduction		
	Short Term	Mid Term	Long Term
	<ul style="list-style-type: none"> <li>• Emergency treatment</li> <li>• Pure drinking water and water purification tablets distribution.</li> <li>• Emergency medicine and saline preservation</li> <li>• Crops seeds preservation</li> <li>• Important deeds &amp; agreements preservation</li> <li>• Storage of dry food.</li> <li>• Furniture and assets preservation</li> <li>• Boat, floating elements ( vehla) , van etc keeping ready</li> <li>• Inclination of Volunteers groups</li> <li>• Early warning message dissemination</li> <li>• Social awareness</li> </ul>	<p>each village.</p> <ul style="list-style-type: none"> <li>• Formation volunteers groups</li> <li>• Emergency fund raising</li> <li>• Mock drill on emergency rescue</li> <li>• Contingency stock 9 life jacket, touch lights, whistle, hand mike , rope etc.</li> <li>• Store house ( emergency medicine, tents and poly-things)</li> <li>• Fodder cultivation like germon, nipier etc.</li> </ul>	<p>construction</p> <ul style="list-style-type: none"> <li>• Bridge making</li> <li>• Emergency relief arrangement</li> <li>• Awareness building by courtyard meeting.</li> <li>• Awareness building through school session.</li> <li>• Village disaster management committee's monthly meeting organizing.</li> <li>• Union disaster management committee's monthly meeting at union levels.</li> <li>• Upazila disaster management committee's monthly meeting at Upazila levels.</li> </ul>

Hazards	Feasible Measures of Risk Reduction		
	Short Term	Mid Term	Long Term
	activities <ul style="list-style-type: none"> <li>• Emergency rescue works management</li> <li>• Accompanying the distressed to the shelters.</li> </ul>		<ul style="list-style-type: none"> <li>• Education materials development ( leaflets, brochure, booklets, poster etc.) for awareness building</li> <li>• Establishment of billboards for awareness building.</li> <li>• Facilitation of trade based training and supply necessary materials to involve in the income generating activities.</li> <li>• Provide training for volunteers groups on search and rescue</li> </ul>
River erosion	Stop stone and send quarry with boma machine.	River and cannels dragging	River bank protection with blocks.
Water logging	<ul style="list-style-type: none"> <li>• Establish drainage system</li> <li>• Emergency</li> </ul>	River and cannels dragging	River bank protection with blocks.

Hazards	Feasible Measures of Risk Reduction		
	Short Term	Mid Term	Long Term
	<p>treatment service</p> <ul style="list-style-type: none"> <li>• Pure drinking and water purification tablets distribution</li> <li>• Emergency medicine and saline preservation</li> <li>• Crop seeds preservation</li> <li>• Important deeds and agreements preservation</li> <li>• Storage of dry foods.</li> <li>• Furniture and assets protection.</li> <li>• Boat, floating materials and van preservation.</li> <li>• Readiness of volunteers groups.</li> </ul>		
Kalboishakhai Jhar (Norwest hit)	<ul style="list-style-type: none"> <li>• Emergency medicine and saline preservation</li> <li>• Crops seeds preservation</li> </ul>	<ul style="list-style-type: none"> <li>• Tree plantation</li> <li>• Readiness of volunteers groups.</li> <li>• Formation of</li> </ul>	<ul style="list-style-type: none"> <li>• Social forestry</li> <li>• Hissal &amp; korose plantation to protect</li> </ul>

Hazards	Feasible Measures of Risk Reduction		
	Short Term	Mid Term	Long Term
	<ul style="list-style-type: none"> <li>• Important deeds and agreements preservation</li> <li>• Storage of dry foods.</li> <li>• Furniture and assists preservation</li> <li>• Boat, floating materials and van preservation.</li> <li>• Readiness of volunteers groups.</li> <li>• Early warning broadcasting</li> <li>• Social awareness activities.</li> <li>• Emergency rescue activities performs</li> <li>• Accompanying the distressed to the shelter</li> </ul>	<ul style="list-style-type: none"> <li>village disaster risk reduction groups</li> <li>• Formation sub-committee ( 3 in each village)</li> <li>• Formation of volunteer groups</li> <li>• Emergency fund raising</li> <li>• Search &amp; rescue mock drill arrangement</li> <li>• Contingency stock (life jackets, touch lights, whistle, hand mike , rope etc.)</li> <li>• Store house ( emergency medicine, tents, poly-thins)</li> </ul>	<ul style="list-style-type: none"> <li>village and lives.</li> </ul>



### 3.3 Development Plan of NGO's

Sl. No.	Name of NGO	Activities on Disaster	No.of Beneficiaries	Project Duration
1.	Unnayan Porikalponaya Manush (UPMA)	Livelihood Security Program (LSP) Jibikayan and Khaddya Nirapatta	600 psn.	Nov'07-Jun'14
2.	Assistance for Slum Dwellers (ASD)	SOUHARDO II Improve livelihoods of the Poor and hardcore poor through food security.	8813 psn.	Apr'11-Feb'15
3.	Voluntary Association for Rural Development (VARD)	Social Intervention towards Sustainable Development (SISD)	400 psn.	Jan'12-Dec'14
		Community Managed Disaster Risk Reduction (CMDRR) Phase-II Project  Disaster risk reduction by improving the capacity of the target families.	21035 psn.	Jan'09-Jul'15
		Promoting Sustainable Agriculture Practices to Strengthen Food Security of the poor and Marginalized Through Accessing Rights (PSAP-SFS-PMTAR) Project (LRP-43)	5000 psn.	Jan'12-Dec'21

### 3.4 Disaster Management Work Plan

#### 3.4.1 Pre Disaster Preparedness

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
1.	Plinth raising	250 No.	2,000,000	Low laying and flood prone unions	February and March	30%	-	20%	50%	Proposed activities will
2.	Embankment construction	09 KM	45,000,000	4 Embankments 1. Siddique Meah's house to Noklahati in Purangoan of Badaghat Dakkhin union – 0.5 KM  2. Rangarchar village to Alipur village under Fatehpur union- 1.00 KM  3. Veemer Jangal of Darerpar village to river bank in Karchar Haor in Oplash union – 7	January and February	40%	-	20%	40%	aware the community peoples to take disaster preparedness and initiatives which will contribute in

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				KM 4. Babul's of Ikarhati through Morshed's house in Badaghat Dakkhin union – 0.5 KM						immediate disaster risk reduction. Through this people's lives and assets will reduce. Right implementation of these activities will improve the socio econom

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
										ic condition of the risky haor peoples which will contribute in the national development
3.	Early variety of paddy seeds supply ( 10 Kg/farmer)	1000 farmers	340,000	Poor farmers	December to January	40%	-	40%	20%	
4.	River dragging (chalti river)	2 KM	2000,000	Chalti river from Dalura to Jinerpur village of Sholokabad union -2KM	June to November	60%	-	20%	20%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
5.	Sluice gate construction	03 No.s	60,000,000	<ol style="list-style-type: none"> <li>1. Over hamhamiya river at Gandamara village of Badaghat dakkhin union</li> <li>2. Alamdaha village of Fatehpur union near Fatehpur Union Parishad</li> <li>3. Mouth of Rnagpur river at Rangpur village of Polash union</li> </ol>	November and March	50%	-	20%	30%	
6.	Village protection wall construction ( Fatepur and Badaghat Dakkhin union)	3 No.s	27,000,000	<p>Low laying and flood prone villages</p> <ol style="list-style-type: none"> <li>1. Dalarper through Sirajpur village of Badaghat Dakkhin union -1 KM</li> <li>2. Anantapur village of Fetehpur union -1 Km</li> <li>3. Thakurhati of Darerpar</li> </ol>	November and March	40%	-	15%	45%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				village in Polash union - 1 KM						
7.	Readiness of engine boat for emergency rescue, treatment services and support.	2 No.s	1,500,000	For Badaghat Dakkhin and Fatehpur union	June to October	40%	-	15%	45%	
8.	Readiness of Volunteer groups	5 No.s	-	In all the 5 unions	April to November	20%	30%	20%	30%	
9.	Maintenance of Shelter	12 No.s	240,000	Shelter	November to March	60%	10%	10%	20%	
10.	Upholding tub-well over the flood levels.	581	1,743,000	In all the 5 unions	November to March	50%	10%	20%	20%	
11.	Excavation of Cannels	12 Km	4,800,000	1. Aziz Meah's land in Noyagoan village to Western Dola of Badaghat Dakkhin Union -1 KM 2. Charpara of serajpur	January to February	40%	-	20%	40%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				village to Madaer's beel through Shahpur's beel of Badaghat Dakkhin union- 1 KM  3. Urar beel of Durgapur village to LGED road of Badaghat Dakkhin union – 2 KM  4. River bank in Alamdaha village to Lakher Haor of Fatehpur union -1 KM  5. Satgoan bazaar to Basabntapur through Bagua of Fatehpur union -1 Km  6. Back side of Polash union to Payrinagar Bridge of Polash union –						



Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				5 KM 7. Patardola of Joynagar village to Mohishkandi's beel of Polash union -1 KM						
12.	Construction earth hiller ( Matir killah)	3 No.s	600,000	1. Near Girak Tahirpur Govt. Primary school of Fatehpur union 2. Near Anantpur Govt. Primary school of Fatehpur union 3. Near Bhatipara Govt. Primary school of Badaghat dakkhin union union	January and February	40%	-	10%	50%	
13.	Formation of village disaster management committee	180 No.s	-	-	November	-	-	-	100%	
14	Formation of subcommittee ( 3 in each village)	540 No.s	-	-	November	-	-	-	100%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
15	Formation of volunteer group	180	-	-	November	-	-	-	100%	
16	Hisol and Korose forest to protect village and lives from weaves (50000 plants for each)	3 No.s	7,500,000	Karchar haor and both side of Michakhali dam	November to March	-	-	-	100%	
17	Permanent block dam construction	1	5,000,000	1. Around Thakur hati village of Ranabidda village of polash union 1 KM	November – March	-	-	-	100%	
18	Sub-mergable road	3 ( 10 KM)	10,000,000	1. Puran Hati of durgapur village to Angaruli village of Badaghat Dakkhin union – 5 KM 2. Saktiarkhula bazaar to Angaruli beel through CBRMP road of Badaghat Dakkhin union – 4 KM	November to March	-	-	-	100%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				3. Anantapur village to Shahpur village of Fatehpur union- 1 KM						
19	Road construction	8 no.s(10 KM)	10,000,000	1. LGED road to graveyard of Serajpur buggoan village of Badaghat Dakkhin union -0.8 KM  2. Bazar of Rasulpur village to Altaf Ali's house in Badaghat Dakkhin union -0.2 KM  3. Gudaraghat in Noyangoan village to Babul's house of Badaghat Dakkhin union -1.0 KM  4. LGED road in Jagannathpur village to	November to March	-	-	-	100%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				<p>Omorpur village of Badaghat Dakkhin union -2.0 KM</p> <p>5. High school at Fatehpur bazaar to Noyagoan Kalibari of Fatehpur union-1.0 KM</p> <p>6. CBRMP main road to Mosque in Sahapur village of Fatehpur union -1.0 KM</p> <p>7. Kabirranjan's house in Dahrerpar village to Payrinagar bridge of Polash union -2.0 KM</p> <p>8. CMB road house of Ranabiddya village to Rangpur bridge of Polash union -2.0 KM</p>						

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
20	Culvert construction	14	4,200,000	1. Near Ezarabon of Sangrampur village of Fatehpur union 2. Near main road of Salmara village of Fatehpur union 3. West side of Horipur village of Fatehpur union 4. Firizpur village road of Fatehpur union 5. Near shrine of Sahapur village of Fatehpur union 6. Chalbil Khara road of Jirap Tahirpur village of Fatehpur union 7. In front of Gagodish	November to March	-	-	-	100%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				babu's house in Fatehpur village of Fatehpur union  8. North side of mosque in digalbur village of Polash union.  9. West side of Shafar uddin Moral's house in Dashghar village of Polash union.  10. On LGED road of Baghgoan village of Badaghat dakkhin union.  11. Cannel beside Raham Ali's house of Basantapur village of Badaghat dakkhin union.						

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
				12. Near Helipad of Baghmara village of Badaghat dakkhin union. 13. Near Elu Meah's house of Purangoan village of Badaghat dakkhin union. 14. Near Sher Ali's house of Jalilpur village of Badaghat dakkhin union.						
21	Bridge construction	2 No.s ( 20 Meter )	4,200,000	1. West of Razzak's house of Alipur village of Polash union -10 Meter. 2. West of Gasuddin's house of Alipur village of Polash union -10 Meter.	November to March	--	-	-	100%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
22	Protection wall making for village, road and dam protection by ikor, chailla, nolkhagra, dolkalmi etc.	5 KM	30,000	In all of 5 unions	November to March	-	20 %	-	80 %	



### 3.4.2 During Disaster Preparedness

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
1	During disaster plan	-	-							Proposed activities will assist to reduce damage of people's lives and assets during disaster period.
1.1	Personal preparedness	-	-							
1.1.1	Emergency medicine and saline preservation	As per need	-	180 village	June to November	-	100%	-	-	
1.1.2	Crop seeds preservation	As per need	-	180 village	June to November	-	100%	-	-	
1.1.3	Important deeds and agreements preservation	As per need	-	180 village	June to November	-	100%	-	-	
1.1.4	Storage of dry food	As per need	-	180 village	June to November	-	100%	-	-	
1.1.5	Furniture & fixture and assets preservation	As per need	-	180 village	June to November	-	100%	-	-	
1.1.6	Boat, van, and floating materials keeping ready	As per need	-	180 village	June to November	-	100%	-	-	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
2	Social preparedness	-	-							
2.1	Volunteer group preparation	5	-			20%	30%	20%	30%	
2.1.1	Early warning message broadcasting	As per need	-			30%	20%	10%	40%	
2.1.2	Emergency fund	5	1,000,000	5 unions	November	30%	20%	10%	40%	
2.1.3	Rescue works preparedness ( Mock drill arrangement )	5	250,000	5 unions	May to June	30%	20%	10%	40%	
2.1.4	Contingency stock ( Life jacket, touch light, whistle, hand mike etc)	5	50,000	5 unions	March to April	30%	20%	10%	40%	
2.1.5	Store house ( emergency medicine tends, and polithin)	5	50,000	5 unions	March to April	30%	20%	10%	40%	
2.1.6	Community awareness activities	5 union area	-	5 unions	October to September	-	-	-	100%	
2.1.7	Emergency rescue works	5 union area	-	5 unions	As per need	30%	10%	20%	40%	
2.1.8	Accompany distress peoples to the shelter	5 union	-	5 unions	June to November	30%	10%	30%	30%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
		area			ber					
2.1.9	Boa distribution	Polash , Badaghat dakkhin and fatehpur union	36,000	Polash , Badaghat dakkhin and fatehpur union	June to July	-	-	-	100%	

### 3.4.3 Post Disaster Preparedness

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
1	Early varieties paddy seeds, fertilizer and insecticide delivery	1000 Farmer	500,000	Affected farmer	December-January	40%	-	40%	20%	If proposed activities during post disaster is implemented, it will help to reduce the damage of people's lives and assets.
2	Road reparing	5 K.M	1,000,000	Damaged Road	December-February	50%	-	20%	30%	
3	House reparing	1000 Nos.	5,000,000	Damaged house	January-March	50%	-	20%	30%	
4	Provide emergency treatment	2000 family	100,000	Affected area	January – March	50%	10%	20%	20%	
5	Distribute pure water and water purifying tablet	2000 family	400,000	Affected area	June-November	50%	10%	10%	30%	
6	Reparing of damaged embankment	Needbased	200,000	3 embankment	January-February	40%	-	20%	40%	
7	Tree plantation at	Needbased	-	5 union	December-	20%	100%	-	-	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
	homestead	ased			January					Right implementation of these activities will improve the socio economic condition of the risky haor peoples which will contribute in the national
8	Cultivate Jarmon, Nepeyar grass etc to ensure livestock feeds.	5 K.M Road	-	5 union	June-November	10%	100%	-	-	
9	Arrange relief during emergency period	Needbased	1,000,000	5 union	June-November	40%	10%	10%	40%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
										development.

### 3.4.4 During Normal Period/ Risk Reduction Period

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
1	Create awareness through courtyard meeting	2160 nos.	-	In 180 villages	October-September	10%	40%	10%	40%	If proposed activities during peace time are implemented, it will help to reduce the damage of people's lives and assets.
2	Create awareness through school session	2160 nos.	-	In 95 schools	October-September	30%	20%	10%	40%	
3	Monthly meeting of Village disaster management committee at village level	2160 nos.	-	In 180 villages	October-September	10%	30%	10%	50%	
4	Monthly meeting of union disaster management committee at Union level	60 nos.	30,000	In 5 Unions	October-September	10%	30%	30%	30%	
5	Monthly meeting of upazila disaster management committee at upazila level	12 nos.	12,000	In upazila	October-September	40%	-	20%	40%	
6	Install sanitary latrine	2500 nos.	3,750,000	In 5 Unions	October-September	20%	30%	20%	30%	

Sl. No.	Activities	Target	Approximate Budget	Where to Do	Tantative Date of Implementation	Who will do and how much				Adjustment with Development Plan
						Upazila Administration %	Community %	UP %	NGO %	
					mber					
7	Develop education materials for awareness building	5000 nos.	500,000	Upazilla	October-September	20%	30%	10%	30%	
8	Install billboard for awareness building	5 nos.	500,000	In 5 Unions	October-September	20%	30%	10%	30%	
9	Install tubewell	200 nos.	10,000,000	5 Unions	October-September	40%	10%	20%	30%	
10	Arrange tradebased training and provide materials for IGA	100 persons	500,000	5 Unions	October-September	10%	30%	10%	50%	
11	Provide search and rescue training for volunteer group	5 nos.	150,000	5 Unions	October-September	20%	20%	20%	40%	



## Section 4 : Emergency Response

### 4.1 Emergency Operation Centre (EOC)

SL. No.	Name	Designation	Mobile No.
1.	Khondoker Mohammad Abdullah Al-Mahmud	Upazila Nirbahi Officer, Biswamberpur	01712-253702
2.	Md. Manik Mia	Project Implementation Officer, Biswamberpur	01752-476451

#### 4.1.1 Conduct Emergency Control Room

- Emergency Control Room will be established at Upazila Parishad during disaster period. Ensure at least 3/4 volunteer and police members presence at that time.
- Responsible persons of Upazila Parishad Upazila will be overall in charge for control room. Total 3 volunteer group and in each group at least 3 persons will be responsible for control room by day-night
- Always communicate with district town.
- A register will be preserved at the control room. Who will take responsibility and what message received and what message sent will be documented in this register.
- The upazila map, hanged on the wall will be indentified different union location, different village communication road, canal, embankment etc. To identify more affected area during post disaster.
- Radio, hazak, charge light, 5 torch light, gumboot, lifejacket, battery, rain coat etc. will be stored at control room due to good service delivery.

#### 4.2 Contingency Plan

Sl. No.	Activities	Target	When Done	Responsible Person	Who will Help	How Done	Communication
1.	Keep ready volunteer group	5 nos.	12 months	UP Chairman	UzDMC, non-government organization and public	Provide training and equipments, personal communication	Responsible representative of union & upazila disaster management committee
2.	Pre caution message	5 nos.	8 months	Responsible	Village police	Microphone,	UDMC responsible

Sl. No.	Activities	Target	When Done	Responsible Person	Who will Help	How Done	Communication
	publicity		(April-November)	volunteer		megaphone, mosque mike, fluit, horn, drum	ble representative
3.	Keep ready Boat, Vella and van	5 nos.	8 months (April-November)	Responsible representative of UP	UP member	Discussed and collect phone # of Boat, car, van driver	UDMC responsible representative
4.	Conduct emergency rescue activities	Need based	8 months (April-November)	Representative of UP	Non-government organization and community people	Provide orientation to volunteer who will contribute their roll during disaster through life save boat	UzDMC & UDMC responsible representative
5.	Primary treatment/health/late management	5 nos.	8 months (April-November)	Representative of UP	Non-government organization and community people	Collect phone # and communicate nearest health service center	Responsible Officer of Upazila health center
6.	Keep ready dry eat, collect medicine	1000 family	6 months (June-November)	UDMC responsible representative	Local businessman/non-government organization and community people	Direct discussion with community and organization who will give eat & medicine and collect phone #	UzDMC & UDMC responsible representative
7.	Treatment/vaccination for livestock	Need based	6 months (June-November)	Responsible representative of UP	Community people	Discussion with the UP responsible representative	UDMC responsible representative & upazila

Sl. No.	Activities	Target	When Done	Responsible Person	Who will Help	How Done	Communication
						ative	livestock s officer
8.	Maintainence of shelter	47 nos.	6 months (Junel-November)	Responsible representative of UP	Govt/non-govt. organization and community people	Visit shelter center and inform to responsible person and give solution	Communicate with UzDMC & UDMC responsible representative
9.	Coordination of refief activities	5 unions	Attendace time	Responsible representative of UP	Govt/non-govt. organization and community people	Communi cate with institute/p person who will support relief	Communi cate with UzDMC & UDMC responsible representative
10.	Organize rehearsel/ drill	5 nos.	3 months (January-March)	Responsible representative of UP	Govt/non-govt. organization and community people	Organize drill with the support of volunteer and community people	Communi cate with UzDMC & UDMC responsible representative
11.	Conduct emergency control room	1 no.	8 months (April-November)	District disaster committee	District administration	Collect all materials and message for control room	Communi cate with district disaster management committee

## **Guideline for Contingency Plan Implementation**

### **4.2.1 Keep Ready Volunteer**

- Formation of volunteer group in the leadership of UP members at ward level.
- Information and alert message publicity through volunteer at village to village.
- Organize training for volunteer group members on their responsibility about hints, message, rescue, evacuation, shelter center management and disaster risk reduce.

### **4.2.2 Publicity Early Warning Message**

- In each ward up members of his/her area warning message will be ensured byself.
- In every hour at least one time miking will ensure up to publicity of 5 # warning message through radio and television.
- Arrange miking and ringing of madrasa and schools respectively continuously when severe warning message forcasted through radio and television.

### **4.2.3 Evacuation**

- Risk areas peoples will start evacuation throuhg radio and television publicity and instanlly ward UP members will involve with the support of volunteer for evacuation works.
- To be publicity of 8# hints for risk area peoples how they will go to shelter and volunteer group will go to home for save shelter. Speciall it shoule be evacuation and collect information that which area peoples are stay at shelter.

### **4.2.4 Rescue and Provide Primary Treatment**

- To manage and supervise high risk area's of district/upazila disaster management committee.
- A permanent fund will be created by district/upazila disaster management committee for rescue.
- Establish and conduct temporary health campaign.
- Probide primary treatment for illness person, oldest, child and pragnent woment who stay in shelter.
- UP members with the help of volunteer at ward level will be responsilbe for for the burial of deadbody of man and death of domistic animal.

### **4.2.5 Shelter Maintenance**

- Keep ready and required repairing of shelter centers at the very beginning disaster prone season.
- Specific safety places or shelter centers will be fixed up where people will take shelter in emergency period.
- Ensure overall safety of women, child and disable person during disaster.
- Ensure supply of pure water and others services at shelter center.
- Assist community people for transferring of necessary resources i.e. livestocks, poultry, emergency food etc. to safety places.

#### **4.2.6 Keep Boats Ready**

- District/Upazila disaster management committee will collect how many engine boat are available and how much and which will be used during disaster.
- Boat proprietor will support this works.
- Preserve mobile number of boat proprietor and boatman at emergency control room.

#### **4.2.7 Send Loss and Damage, Need Assessment and Report**

- Within 24 hours of disaster SOS form and more than 7 days d form will be send to UP chairman.
- UP chairman through UP secretary will submit the consolitated loss and damage of the union (ward sise) to chairman of Upazila disaster management committee within 12 hours.

#### **4.2.8 Coordinate Relief Program**

- Different relief and rehabilitation assistance program is coordinated by UP chairman.
- Maintain register for what types of relief distribution group bring the items that groups are conduct relief work at locally and also inform to controll room.
- Union disaster management committee will finalyze the quantity of relief goods ward wise based on the vulneribility and loss & damage at ward level and allocated relief number of items will be publicity.

#### **4.2.9 Collect and Keep Dry Food & Life Protecting Medicine Ready**

- Dry food i.e. Cheera, Muri etc. is collected from local hat/bazar for immediate distribution.
- Rice, dal, ata, oil etc materials and house construction materials i.e. tin, loha, lilen will collect from local markets.
- Prepare list of medicine and collect it from local market with the help of union health assistant and family welfare assistant.
- Union parishad chairman will responsible for transpotation of relief and conveyance allowance of staff.

#### **4.2.10 Treatment and Vaccine for Domestic Animal**

- Preserve necessary medicine from upazila livestock hospital for UP bhaban and health center.
- To arrange training on livestock treatment for union disaster management committee.
- During animal treatment need to be involved experience people at contingency period.

#### **4.2.11 Arrange Simulation**

- To arrange simulation on warning message, forcast publicity, evacuation, rescue and primary relief work.
- To arrange simulation at strom/flood prone area continuously.

- To check out the preparedness of the community through simulation in each of month April & September.
- Specially mention of illness, disable, women, child are taken to shelter during simulation.
- Simulation will be conducted at risk area and it should be organize at risk village instead of UP.

#### 4.2.12 Maintain Emergency Control Room (EOC)

- Establish emergency controll room at UP at the moment disaster hits. At least 3/4 volunteer and village police will be ensured.
- UP secretary and designated person will be overall responsible for control room.
- At least 3 volunteer group in each group 3 members will responsible for control room for day-night. UP secretary will supervise this work.

#### 4.2.13 Shelters and Safe Places

- The place will not go under water during flood, far from river erosion that can be used as shelter center.
- Fixed shelter center, local school & college, govt./non-govt. institution, high road, embankment can be used as shelter center.
- Details of each shelter center will be written.
- To be presented through below table.

#### 4.3 List of Safe Places of District /Upazila

Shelter center	Name	Union name	Capacity	Remarks
Earth place (Matir Killa)	-	-	-	There is no earth place (Matir Killa) at Bishwamvorpur upazila
Strom shelter center	Zirak Tahirpur Primary School	Fatepur	95 psn	-
School cum center	Fulvari Govt. Primary Scool	Fatepur	85 psn	
	Zirak Tahirpur Primary School	Fatepur	95 psn	
	Anantapur Govt. Primary School	Fatepur	110 psn	
	Vatipara Govt. Primary school	Badaghat Dakkin	120 psn	
	Padmanagor Govt. Primary school	Polash	170 psn	
	Pirizpur Govt. Primary school	Fatepur	88 psn	
	Kholachanpur Govt. Primary school	Badaghat Dakkin	140 psn	

	Dalura Govt. Primary School	Salukabad	270 psn	
	Biswamberpur High School	Polash	135psn.	
	Hazi Majid Ullah High school	Fatepur	160 psn	
Govt. & non-govt. institute	-	-	-	No Govt. & non-govt. institute at upazila
UP Bhaban	Dhanpur UP	Dhanpur	190 psn.	
	Salukabad UP	Salukabad	180 psn.	
	Polash UP	Polash	280 psn.	
	Badaghat Dakkin UP	Badaghat Dakkin	340 psn.	
	Fatepur UP	Fatepur	220 psn.	১১১০
High road	Alipur-current bazar (2k.m)	Polash	1000 psn.	
	Current bazar-Dhanpur bazar (1 K. M)	Dhanpur	500 psn.	
Embankment	-	-	-	3 embankment is below of flood level at upazila

#### 4.4 Structure of Shelter Management Committee

Shelters	Shelter center name	Responsible person	Mobile #	Remarks
Earth place (Matir Killa)	-	-	-	There is no earth place (Matir Killa) at Bishwamvorpur upazila
School cum center	Fulvari Govt. Primary Scool	Subrato Talukder, Headmaster	01724237277	
	Zirak Tahirpur Primary School	Ameo Vushan, Headmaster	01724653518	
	Anantopur Govt. Primary School	Samiran Talukder, Headmaster	01759330144	
	Vatipara Govt. Primary school	Nazma Begum, Headmaster	01731340827	
	Padmanagor Govt. Primary	Dhirendra Debnath ,	01714915411	

	school	Headmaster		
	Pirizpur Govt. Primary school	Hirendra Kumar Roy, Headmaster	01722137261	
	Kholachanpur Govt. Primary school	Ajit Talukder, Headmaster	01729132491	
	Dalura Govt. Primary School	Md. Tasjidul Haque, Headmaster	01913090250	
	Biswamberpur High School	Sajjadur Rahman, Headmaster	01725323722	
	Hazi Majid Ullah High school	Sattobrot Das, Headmaster	01710697187	
GO/NGO institute	-			
High road	Alipur-current bazar (2k.m)	Md. Manik mia, PIO, Biswamvorpur	01752476451	
	Current bazar-Dhanpur bazar (1 K. M)	Md. Manik mia, PIO, Biswamvorpur	01752476451	
Embankment	-	-	-	

Shelter centers is operated through union parishad and school cum centers is operating by SMC. There is no materials and tools of shelter center and school cum center for volunteer. We need to repairing shelter center due to proper utilization. Most of shelter center is not functioning with home linked road. As a result roads need to be repairing and to be made high. Moreover, most of shelter centers has no utility facilities i.e. light, drinking water etc.

### Consisting of shelter center management committee

Shelter center management is a vital parts of disaster management. Many shelter centers is not functioning due to lack of proper and timely maintainance. As a result shelter center management has included with disaster management plan.

### Why shelter center management :

- To survival of life & resources during disaster
- Save livestocks during disaster
- Ensure proper used and maintainance of shelter center

### Shelter center management committee :

- Formation of shelter center management committee with 7-9 members



- With the coordination of UP chairman/member/ elite person/teachers/NGO staffs/ land donor/ volunteer committee will be formed by 7-9 members
- This committee will be taken responsibilities as a management committee with consent of villagers.
- 50% of female members will involve in committee
- To be brief of the committee of their responsibility
- With the support of villagers committee will take responsibility in maintenance and overall management
- Committee will arrange periodic meeting and take decision and write meeting minutes for decision implementation with timebound.
- Shelter center management committee list will be attached with the disaster management plan.

#### Which places will be used as shelter center:

- Fixed shelter center
- Local school/college
- Govt. & non-govt. institute
- High road, embankment

#### Whats to be taken care of shelter center :

- Ensure shelter center tent /polythene/ORS/first aid/medicine (Paracetamol/Flagyl) water purifying tablet/Bleaching powder
- Keep arrangement to boil drinking water
- Separate latrine for man & women
- Separate bathroom for man & women
- Keep neat & clean and remove dust
- Ensure safety
- Arrange light
- Shelter center will be hygienic
- Make a list of register regarding materials and storing and return it to respective people
- Provide specific worker and volunteer for shelter center management
- To arrange food and treatment for the people taking shelter at the shelter centers.
- Take care of pregnant women, oldest man & women, disabled and child.

#### Use of shelter center :

- As usually during disaster shelter center is used for safety of community people
- Any social development activities will be run from shelter center besides disaster
- Can be used as primary treatment center
- Can be used as adult education centers and school
- Can be used as wireless station.

#### Maintanance of shelter center :

- Each shelter center will maintain properly and keep neat and clean specially.
- Take initiative at local level to maintain door & window of shelter center from damage.
- Tree plantation will be done in shelter center's land in a planned way.
- Shelter center will be locked except using it.
- Formation of shelter center management committee with follow of guideline.
- Shelter center management committee list will be attached with the disaster management plan.

#### 4.5 List of Resources of District and Upazila (which may be used during Disaster)

Infructation	Number	Responsible person	Short brief
School cum shelter	10	PIO, Biswamberpur	
Godown	1	Md. Abdul Goni, Upazila Food controller	
Boat	-	-	
Earth place (Matir Killa)	-	-	
Car	2	PIO, Biswamberpur	
Speed Boat	-	-	

#### 4.6 Financing

The main income source of union parishad is local tax collection, hat/bazar, lease, cannel, business trade licence. But at present no power of big hat/bazar, cannel lease at UP land. As result income source has been reduced. Now government 1% land registration money has transfer to UP. Previously it was in full and that amount has expenced for honorarium of village police and secretary. The Government has taken initiative to provide 4/5 lacs annually by cash in hand directly.

##### 1. Own source (Union tax, rate and fee)

Nature of source	Annual income					Total 5 union
	Polash	Salukabad	Dhanpur	Badaghat Dakkin	Fatepur	
Annual tax on homestead	540,000	340,000	1,548,770	400,501	650,000	3,479,271
Tax on Businss, occupation, livelihood	10,000	25,000	30,000	20,000	10,000	95,000

(Trade licence)						
License issue and license permit by UP	60,000	45,000	60,000	30,000	45,000	240000
Leasing (hat, bazar, ghat, pond, khoar uzara etc.	Hat, bazar lease- 50,000 ghat lease 50,000 khoar lease 5000	Hat, bazar lease- 160,000 ghat lease- 25,000 khoar lease- 3,000	Hat, bazar lease- 50,000 ghat lease- 50,000 khoar lease- 1500	Hat, bazar lease- 250,000 ghat lease- 40,000 khoar lease- 2,000	Hat, bazar lease- 55,000 ghat lease- 30,000	785,000 (Hat, bazar lease- ghat lease- 565,000 ghat lease- 195,000 khoar lease- 25,000)
Tax on motorbike except vehicle	-	10,000	10,000	3,000	35,000	58,000
Income from resource	-	4,000	-	-	-	4,000
General fund of UP	35,995	66,010	135,695	230,570	93,167	561,437
Others	-	-	-	-	-	-

Govt. donation  
Development Sector

Nature of items	Annual income					Total 5 union
	Polash	Salukabard	Dhanpur	Badagh at Dakkin	Fatepur	
Agriculture	30,000	300,000	5,000,000	-	70,000	5,670,000
Health & Sanitation	60,000	6,000,000	1,200,000	650,000	700,000	3,750,000
Road construction and reparing	1,000,000	5,000,000	470,000	1,150,000	1,500,000	9,120,000
House build and reparing	-	-	-	-	-	-
Development support fund (LGSP)	1,400,000	1,300,000	1,899,350	1,050,000	1,450,000	7,099,350

## Establishment:

### Honorarium of UP chairman and member (Monthly)

Chairman (5) each govt. 1475 and UP 1525/=

Members of UP (60), each govt. 950/= and UP 1200/-

Secretary (5 person) each 14,413/-

Dafadar (5 union) each 2100/-

Village police (5 union) each 1900/-

### Others

Land transfer tax (1%)

Nature of items	Polash	Salukabad	Dhanpur	Badaghat Dakkin	Fatepur	Total 5 union
Land transfer tax	160,000	60,000	70,000	30,000	100,000	420,000

### c) Local government

Nature of items	Annual payable					Total 5 union
	Polash	Salukabad	Dhanpur	Badaghat Dakkin	Fatepur	
Upazila parishad	120,000	1,200,000	1,300,000	1,000,000	150,000	3,770,000
Zila parishad	-	-	-	-	100,000	100,000

### d) Non-government development organization

Nature of items	Annual payable					Total 5 union
	Polash	Salukabad	Dhanpur	Badaghat Dakkin	Fatepur	
CNRS (Sharik)	600,000	650,000	600,000	450,000	500,000	2,800,000

Most of donor agency, Non-government organization has financial support to UP for strengthening local government. To get more assistance depends on UP capability, transparency and overall good governance. In priority basis UP will expence it considering main obstruction to the development of his union. With considering of project planning, implementing and financing they compare it to development project and disaster risk reduces.

## 4.7 Update and Check Action Plan

1. Plan follow-up committee
2. Plan implementation and maintenance committee

### Plan follow-up committee

#	Name	Designation	Mobile #
1.	Tanzima Mahejabin	Chairman, Salukabad UP	01932009244
2.	Bipresh Chandra Roy	Secretary, Salukabad UP	01718508788
3.	Md. Mokter Hossain	Upazila Coordinator, CMDRR, VARD	01912435356
4.	Joba Rani Debi	Reserve female member, 3 # ward, polash UP	01940503643
5.	Md. Abdul Rajjak	Upazila Social Welfare Officer	01552361575

### Plan implementation and maintenance committee

#	Name	Designation	Mobile #
1.	Md. Harunur Rashid	Upazila Chairman, Biswamberpur	01713815553
2.	Md. Manik Mia	PIO, Biswamberpur	01752476451
3.	Abeda	Reserve female members, badaghat dakkin UP	01925761994
4.	Md. Abdur Razzak	PIO	01552361575
5.	Roni Banik	Community Organizer, CMDRR-VARD	01855337361
6.	SM Golam Kibria	Field Supervisor, Shohardo-II, ASD	01736950957
7.	Kahinur Akter	Member, Dhampur UP	01741439145

### Duties of committee

- In each april/may the action plan will be updated through checking, modification and addition every year. Members secretary of committee will take initiative by this matter. Action plan will be amended in reviewing the management deviation after every disaster..
- Organize simulation on disaster management in national disaster day as per the guidance of disaster management bureau in each year in april/may.
- Disaster management action plan will be taken approval from district disaster management committee.
- Supervision of implementation plan
- Communicate with different institutes.

## Section 5: Rescue and Rehabilitation Plan

### 5.1 Evaluation of Loss and Damage

Sectors	Description
Agriculture	<p>There are 24,874 hector lands in Biswamberpur upazila. Among these cultivatable land is 15500 hectors and uncultivated land is 3070 hectors. Among cultivatable lands mono crops land 7300 hectors, two crops 5600 and tri crops land 2600 hectors. Besides, homesteads lands are in total 6304 hectors. There are 27573 persons lives on agriculture. Main crops of this Upazila are paddy-boro, aus and amon, potato, vegetables, wheat, chili, mustered, nuts, etc. Agriculture sector is highly affected by flash floods, seasonal floods, Norwest hit, river erosion, water logging etc. In future in Biswamberpur upazila, union wise different disaster damage trend are as follows:</p> <ul style="list-style-type: none"> <li>▪ In future, in Polash union of Biswamberpur Upazila may damage flash flood 750 hector boro crop, seasonal flood approximately 720 hector amon crops, Kalboishakhai Jhar approximately 12 hector boro crops. At all due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</li> <li>▪ In future, in Sholukabad union of Biswamberpur Upazila may damage flash flood 450 hector boro crop, seasonal flood approximately 428 hector amon crops, river erosion 25 hector crops and Kalboishakhai Jhar approximately 08 hector boro crops. At all due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</li> <li>▪ In future, in Dhanpur union of Biswamberpur Upazila may damage flash flood 525 hector boro crop, seasonal flood approximately 447 hector amon crops, and Kalboishakhai Jhar approximately 06 hector boro crops. As a whole due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</li> <li>▪ In future, in Badaghat Dakkhin union of Biswamberpur Upazila may damage flash flood 1200 hector boro crop, seasonal flood approximately 668 hector amon crops, water logging 450 hector seedbeds and Kalboishakhai Jhar approximately 10 hector boro crops. As a whole due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</li> </ul>

Sectors	Description
	<ul style="list-style-type: none"> <li>▪ In future, in Fatepur union of Biswamberpur Upazila may damage flash flood 1500 hector boro crop, seasonal flood approximately 992 hector amon crops, and Kalboishakhai Jhar approximately 13 hector boro crops. As a whole due to climate change in future in this union boro and amon paddy production may reduce largely. Besides, due to draught huge land may be out of cultivation.</li> </ul>
Fisheries	<p>There are 6 rivers, 115 channels, 35 beels, 150 ponds, and 648 water bodies in Biswamberpur Upazila. There are 2961 fishermen here. In this Upazila fish production hampered severely due to fishing in winter by drying up cannels &amp; beels and at the beginning of the rainy season fishing of small fishes and fingerlings by current nets, triangular nets etc. Commonly used slogan is net owner is the owner of the water body but physically fishermen's access in the water-body is very limited. Fisheries sector is highly affected by flash floods, seasonal floods, Norwest hit, river erosion, water logging etc. In future in Biswamberpur upazila, union wise different disaster damage trend are as follows:</p> <ul style="list-style-type: none"> <li>▪ In future, in Polash union of Biswamberpur Upazila flash flood may damage fisheries in 15 ponds. Besides, due to flash flood and water logging fisheries may affected by various diseases. As a whole due to climate change in future in this union fish production may reduce severely.</li> <li>▪ In future, in Sholukabad union of Biswamberpur Upazila flash flood may damage fisheries in 20 ponds. Besides, due to flash flood and water logging fisheries may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</li> <li>▪ In future, in Dhanpur union of Biswamberpur Upazila flash flood may damage fisheries in 05 ponds. Besides, due to flash flood and water logging fisheries may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</li> <li>▪ In future, in Badaghat Dakkhin union of Biswamberpur Upazila flash flood may damage fisheries in 10 ponds. Besides, due to flash flood and water logging fisheries may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</li> <li>▪ In future, in Fatepur union of Biswamberpur Upazila flash flood may damage fisheries in 09 ponds. Besides,</li> </ul>

Sectors	Description
	<p>due to flash flood and water logging fisheries may affected by different diseases. As a whole due to climate change in future in this union fish production may reduce severely.</p>
Livestock	<p>The main livestock in Biswamberpur Upazila cow, goat, sheep, duck, hen, birds, buffalo etc. In flash floods, seasonal floods, Norwest hits, river erosion, and water logging etc. disaster affects livestock in this Upazila. Due to flash flood cattle food crisis begin. Seasonal floods also cause of scarcity of cattle foods. Different diseases and cattle shed problems occurs in these disasters. It also caused the death of poultry birds and livestock. Besides, Norwest hit and thunderstorm cased death of cattle and birds. Again due to water logging cattle food crisis begin and different types of cattle diseases breakout.</p>
Trees & plants	<p>There are 10 KM stripe garden i.e. social forest in Biswamberpur Upazila. In this forest there are kadam, akashmony, raintree, arjun, jum, jack fruits, etc trees. Besides, community peoples initiate forests around their homes and in the homesteads. Source- Forest Range, Sunamganj. Trees and plants are highly affected by flash floods, seasonal floods, Norwest hit, river erosion, water logging etc. In future in Biswamberpur upazila, union wise different disaster damage trend are as follows:</p> <ul style="list-style-type: none"> <li>▪ In future, in Polash union of Biswamberpur Upazila flash flood may damage 280 tree &amp; plants, seasonal floods -220 trees &amp; plants and Norwest hit -70 trees &amp; plants.</li> <li>▪ In future, in Sholukabad union of Biswamberpur Upazila flash flood may damage 215 tree &amp; plants, seasonal floods -330 trees &amp; plants, river erosion-250 trees &amp; plants and Norwest hit -70 trees &amp; plants.</li> <li>▪ In future, in Dhanpur union of Biswamberpur Upazila flash flood may damage 175 tree &amp; plants, seasonal floods -180 trees &amp; plants, and Norwest hit -100 trees &amp; plants.</li> <li>▪ In future, in Badaghat Dakkhin union of Biswamberpur Upazila flash flood may damage 350 tree &amp; plants, seasonal floods -180 trees &amp; plants, water logging -15 trees and Norwest hit -140 trees &amp; plants.</li> <li>▪ In future, in Fatepur union of Biswamberpur Upazila flash flood may damage 550 tree &amp; plants, seasonal floods -500 trees &amp; plants, and Norwest hit -200 trees &amp; plants.</li> </ul>
Health	<p>There are 1 Upazila Health Complex, 3 health and family welfare centre and 17 community clinics in Bishwamvorpur upazila. There is no private health care center here. Upazila</p>



Sectors	Description
	<p>Health Complex is located at upazila head quarter under Polash union. Here are two doctors and 8 nurses. Health sector is highly affected by flash floods, seasonal floods, Norwest hit, river erosion, water logging etc. In future in Biswamberpur upazila, union wise different disaster damage trend are as follows:</p> <ul style="list-style-type: none"> <li>▪ In future, in Polash union of Biswamberpur Upazila among 28893 population 2% may suffer from diarrhea, 1% (children) may suffer pneumonia, 2.5 % may suffer from Tipoyet, 2% may suffer from dysentery, 3% may suffer from Jhondish, 5% may suffer from skin diseases, and 3% may suffer different viral diseases. As a result each and every family in this union may have different loses including economic insolvency.</li> <li>▪ In future, in Sholukabad union of Biswamberpur Upazila among 37375 population 1% may suffer from diarrhea, 0.7% (children) may suffer pneumonia, 3 % may suffer from Tipoyet, 2% may suffer from dysentery, 3% may suffer from Jhondish, 1% may suffer from skin diseases, and 3% may suffer different viral diseases. Due to river erosion, among 37375 population 1 % peoples may suffer from different diseases including Jhondish. As a result each and every family in this union may have different loses including economic insolvency.</li> <li>▪ In future, in Dhanpur union of Biswamberpur Upazila among 37376 population 1.5% may suffer from diarrhea, 1% (children) may suffer pneumonia, 1 % may suffer from Tipoyet, 2% may suffer from dysentery, 2% may suffer from Jhondish, 5% may suffer from skin diseases, and 3% may suffer different viral diseases. As a result each and every family in this union may have different loses including economic insolvency.</li> <li>▪ In future, in Badaghat Dakkhin union of Biswamberpur Upazila among 25000 population 2.5% may suffer from diarrhea, 1% (children) may suffer pneumonia, 2.2% may suffer from Tipoyet, 3% may suffer from dysentery, 3% may suffer from Jhondish, 4% may suffer from skin diseases, and 2.5% may suffer different viral diseases. Due to river erosion, among 25000 population 1.5% may suffer from diarrhea, 1.5% (children) may suffer pneumonia, 1 % may suffer from Tipoyet, 4 % may suffer from dysentery, 4% may suffer from Jhondish, 5% may suffer from skin diseases, and 1.7% may suffer different viral diseases. As a result each and every family in this union may have different loses including economic insolvency.</li> </ul>

Sectors	Description
	<ul style="list-style-type: none"> <li>▪ In future, in Fatepur union of Biswamberpur Upazila among 27737 population 3% may suffer from diarrhea, 1% (children) may suffer pneumonia, 3 % may suffer from Tipoyet, 1.8% may suffer from dysentery, 4% may suffer from Jhondish, 3% may suffer from skin diseases, and 5% may suffer from different diseases including viral fever.As a result each and every family in this union may have different loses including economic insolvency.</li> </ul>
Livelihoods	<p>Main livelihood options in Biswamberpur Upazila are agriculture, day labor, business, etc. There are total 27573 farmers, 2961 fishermen, 14517 day-labor and 2833 businessmen. Flash flood, seasonal flood, Norwest hit, river erosion, water logging etc. disaster in this Upazila occurs frequently and as a result peoples livelihoods hampered due to the increased dimension of disasters. That is why scope of employment decrease and agriculture production hampered which influence people’s livelihood negatively. Livelihoods sector is highly affected by flash floods, seasonal floods, Norwest hit, river erosion, water logging etc. In future in Biswamberpur upazila, union wise different disaster damage trend are as follows:</p> <ul style="list-style-type: none"> <li>▪ In future, in Polash union of Biswamberpur Upazila, in case of flash flood 2650 farmer, 650 fishermen, 980 day labor may be affected. In seasonal flood 1770 farmers, 1030 day labor and 105 businessmen may be affected. In Kalboishakhai Jhar 1770 farmers, 530 day labor and 20 businessmen may be affected.</li> <li>▪ In future, in Sholukabad union of Biswamberpur Upazila, in case of flash flood 4350 farmer, 520 fishermen, 780 day labor may be affected. In seasonal flood 2931 farmers, 550 day labor and 120 businessmen may be affected. In river erosion 550 farmers, 350 day labor and 27 businessmen may be affected. In Kalboishakhai Jhar 2931 farmers, 280 day labor and 30 businessmen may be affected.</li> <li>▪ In future, in Dhanpur union of Biswamberpur Upazila, in case of flash flood 1250 farmer, 550 fishermen, 977 day labor may be affected. In seasonal flood 1507 farmers, 710 day labor and 57 businessmen may be affected. Due to water logging 475 farmers, 680 day labor may be affected. In Kalboishakhai Jhar 1507 farmers and 310 day labor may be affected.</li> <li>▪ In future, in Badaghat Dakkhin union of Biswamberpur Upazila, in case of flash flood 1250 farmer, 550 fishermen, 977 day labor may be affected. In seasonal</li> </ul>

Sectors	Description
	<p>flood 1507 farmers, 710 day labor and 57 businessmen may be affected. Due to water logging 475 farmers and 680 day labor may be affected. In Kalboishakhai Jhar 1507 farmers and 310 day labor may be affected.</p> <ul style="list-style-type: none"> <li>▪ In future, in Fatepur union of Biswamberpur Upazila, in case of flash flood 4350 farmer, 861 fishermen, 1202 day labor and 40 businessmen may be affected. In seasonal flood 2470 farmers, 1408 day labor and 140 businessmen may be affected. In Kalboishakhai Jhar 2470 farmers, 440 day labor and 35 businessmen may be affected.</li> </ul>
Water	<p>The main sources of drinking water in this upazila are tube well, rivers, canal, beels and ponds. There are a total of 1234 tube wells in this upazila. Among them, 1,181 tube wells are active and 53 tube wells are inactive. 600 tube wells were placed above the flood level. As a result, these tube wells remain suitable for use during flooding period. Needs to be mentioned here that, 45% people of Bishwamvorpur upazila use tube well water. Water sector is highly affected by flash floods, seasonal floods, Norwest hit, river erosion, water logging etc. In future in Biswamberpur upazila, union wise different disaster damage trend are as follows:</p> <ul style="list-style-type: none"> <li>▪ In future, in Polash union of Biswamberpur Upazila, in case of seasonal flood 130 tub-well may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</li> <li>▪ In future, in Sholukabad union of Biswamberpur Upazila, in case of seasonal flood 105 tube well and due to river erosion 20 tube well may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</li> <li>▪ In future, in Dhanpur union of Biswamberpur Upazila, in case of seasonal flood 35 tub-well may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</li> <li>▪ In future, in Badaghat Dakkhin union of Biswamberpur Upazila, in case of seasonal flood 127 tub-wells and due to water logging 10 tube well may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</li> </ul>

Sectors	Description
	<ul style="list-style-type: none"> <li>▪ In future, in Fatepur union of Biswamberpur Upazila, in case of seasonal flood 155 tube wells may be damage. As a result scarcity of drinking water may happen in this area then due to lack of pure water local peoples may suffer from various types of water borne diseases.</li> </ul>
Infrastructure	<p>There are 70.4 KM embankment, 312.73 MK roads, 44 bridge, 216 culverts, 29336 houses, 95 schools and 322 religious institutes in Biswamberpur Upazila. Different disasters like flash flood, seasonal flood, Norwest hit, river erosion, water logging, thunderstorm etc. caused damage in different types of infrastructures like roads, bridges, culvert, education and religious institutes, houses etc. Infrastructure is highly affected by flash floods, seasonal floods, Norwest hit, river erosion, water logging etc. In future in Biswamberpur upazila, union wise different disaster damage trend are as follows:</p> <ul style="list-style-type: none"> <li>▪ In future, in Polash union of Biswamberpur Upazila in flash flood 1.5 KM embankment, 05 KM roads (partial), 150 home &amp; homestead, 4 educational institutes and 08 religious institutes may be affected. In seasonal flood 2.5 KM embankment, 03 KM roads (partial), 350 home &amp; homestead, 14 educational institutes, 08 religious institutes and 1020 latrines may be affected. Due to Kalboishakhai Jhar 20 home &amp; homestead (partial), 5 educational institutes, 03 religious institutes, 5 electric filler and 250 latrines may be affected.</li> <li>▪ In future, in Sholukabad union of Biswamberpur Upazila in flash flood 1.0 KM embankment, 4.5 KM roads (partial), 130 home &amp; homestead, 5 educational institutes and 06 religious institutes may be affected. In seasonal flood 2.0 KM embankment, 3.5 KM roads (partial), 390 home &amp; homestead, 12 educational institutes, 05 religious institutes and 350 latrines may be affected. Due to river erosion 180 home &amp; homestead (partial), 45 latrines, and 04 KM roads (partial) 5 may be affected. Due to Kalboishakhai Jhar 50 home &amp; homestead (partial), 7 educational institutes, 03 religious institutes, 1 electric filler and 70 latrines may be affected.</li> <li>▪ In future, in <b>Dhanpur</b> union of Biswamberpur Upazila in flash flood 1.0 KM embankment, 3 KM roads (partial), 45 home &amp; homestead, 7 educational institutes and 05 religious institutes may be affected. In seasonal flood 1.5 KM embankment, 3.75 KM roads (partial), 175 home &amp; homestead, 10 educational institutes, 06 religious institutes and 320 latrines may be affected. Due to Kalboishakhai Jhar 30 home &amp; homestead (partial), 3</li> </ul>

Sectors	Description
	<p>educational institutes, 08 religious institutes, 2 electric filler and 55 latrines may be affected.</p> <ul style="list-style-type: none"> <li>▪ In future, in Badaghat Dakkhin union of Biswamberpur Upazila in flash flood 5.0 KM embankment, 5 KM roads (partial), 300 home &amp; homestead, 10 educational institutes and 09 religious institutes may be affected. In seasonal flood 6.0 KM embankment, 4.0 KM roads (partial), 442 home &amp; homestead, 15 educational institutes, 08 religious institutes and 770 latrines may be affected. Due to water logging 4.0 KM embankment, 10.0 KM roads (partial), 07 religious institutes and 250 latrines may be affected. In Kalboishakhai Jhar 60 home &amp; homestead (partial), 6 educational institutes, 03 religious institutes, 3 electric filler and 120 latrines may be affected.</li> <li>▪ In future, in Fatepur union of Biswamberpur Upazila in flash flood 10.0 KM embankment, 07 KM roads (partial), 500 home &amp; homestead, 15 educational institutes and 12 religious institutes may be affected. In seasonal flood 10.0 KM embankment, 7.0 KM roads (partial), 520 home &amp; homestead, 17 educational institutes, 12 religious institutes and 1020 latrines may be affected. In Kalboishakhai Jhar 120 home &amp; homestead (partial), 8 educational institutes, 04 religious institutes, and 110 latrines may be affected.</li> </ul>

## 5.2 Hastily Recover

### 5.2.1 Administrative Resettlement

Sl. No.	Name	Designation	Mobile No.
1.	Khondoker Mohammad Abdullah Al-Mamun	Upazila Nirbahi Officer, Biswamberpur	01712253702
2.	Md. Manik Mia	PIO, Biswamberpur	01752476451
3.	Md. Abdur Razzad	Upazila Social Welfare Officer	01552361575

### 5.2.2 Clean ruin/wreck

Sl. No.	Name	Designation	Mobile No.
1.	Suleman Mia	Chairman, Polash UP	01716466960
2.	Mamunur Rashid	Secretary, Polash UP	01925084211
3.	Rakib Pathan	Nazir, UP	01713805927

### 5.2.3 Re-start Public Service

Sl. No.	Name	Designation	Mobile No.
1.	Md. Abdur Razzak	Upazila Socialwelfare Officer	01552361575
2.	Md. Manik Mia	PIO, Biswamberpur	01752476451
3.	Prodip Kumar Deb	Youth Development Officer	

### 5.2.4 Emergency Livelihood Support

Sl. No.	Name	Designation	Mobile No.
1.	Md. Manik Mia	PIO, Biswamberpur	01752476451
2.	Sabar Mia	Chairman, Badaghat dakkin UP	01712568234
3.	Md. Samir Uddin	Fisheries department	01712804434

## Annexure 1

### Checklist of Contingency Plan Implementation

#### Checklist

The checklist will be examined and immediate necessary measures shall be taken just after the dissemination of early warning on flash flood and seasonal flood by Flood Forecasting and Control Center (FFWC).

S. No.	Subject	Yes / No
1.	Dissemination of warnings about the impending danger and called the volunteer team members were told to begin work on the campaign.	
2.	The person / team has made for rescue peoples of risky areas.	
3.	Boat, car, van, etc. are kept ready to rescue people from risky area.	
4.	Campaigning has been done for the preserve of 2/1 day dry food and drinking water.	
5.	Life jackets are provided for the safety of members of the volunteer team.	
6.	The required manpower has been arranged to maintain Upazila and union control rooms round the clock.	
7.	Union food warehouse / relief warehouse has the necessary security measures.	
8.	Simulation has been conducted by members of the volunteer team.	
9.	Union food store has an adequate amount of food reserves.	
10.	Immunization / vaccines were given to children of vulnerable area.	
11.	1-6 year old children and mothers were fed vitamin.	
12.	An adequate amount of orsaline reserves in UP clinic hospital.	
13.	Volunteer team members have been trained annually.	
14.	Shelters belong to necessary primary treatment of medical equipment.	
15.	The selected rural doctors for every shelters present in the area.	
16.	Each shelter has tube wells.	
17.	Each shelter contains doors and windows.	
18.	The selected alternative caretaker is present in the shelter.	
19.	There are separate arrangements for women in shelters.	
20.	The selected midwife is present in the area to take care for the pregnant women.	
21.	The high places or Kella are identified for the cattle.	
22.	Volunteer team members were aware about the responsibility.	
23.	The required microphone remain activate for the publicity of weather conditions and early warning.	
24.	People are aware for the preserve of 2/1 day dry food and drinking water.	
25.	There are separate arrangements of latrine for men and women	

S. No.	Subject	Yes / No
	in shelters.	
26.	There are separate arrangements of bathroom for men and women in shelters.	
27.	The water entering point to Haor is closed with soil.	
28.	The selected doctors for the treatment of livestock present in the area.	
29.	Necessary medicine and medical equipments are available for the treatment of livestock.	



Annexure-2

Upazila Disaster Management Committee, Bishwamvorpur

Sl. No.	Name	Designation	Member	Mobile No.
01	Md. Harun ur Rashid	Upazila Chairman	Chairperson	01713815553
02	Khandakar Md. Abdul Al- Mamun	UNO	Co-Chair Person	01712253702
03	Md. Manik Meah	PIO	Member Secretary	01752476451
04	Md. Suleman Talukder	Vice- Chairman	Member	01735879006
05	Mrs. Ayesha Akhter	Women Vice Chair.	Member	01758758776
06	Md. SamsuzzamanSha	Chairman, Fatehpur UP	Member	01716204663
07	Md. Suleman Meah	Chairman, Palash UP	Member	01716466960
08	Miss. TanjinaMehjabin	Chairman, Solekabad UP	Member	01932009244
09	Md. Sabab Meah	Chairman, South Badaghat UP	Member	01712568234
10	Md. Harun-ur-Rashid	Chairman, Dhanpur UP	Member	01713815553
11	Md. Jalal Uddin Sarker	Upazila Agriculture Officer	Member	01918128782
12	Dr. Faruk Sultan	Upazila Health & Family planning Officer	Member	01726725227
13	Dr. Md. Maududur Rahman	Upazila Veterinary Officer	Member	01711179559
14		Asst. Commissioner (Lands)	Member	
15	Md. Samir Uddin(Va.)	Upazila Fisheries Officer	Member	01712804434
16	Md. Shahab Uddin (Additioanal)	Upazila Educational Officer	Member	01712504920
17	Md. Abdul Hai	Upazila Engineer	Member	01711908771
18	Md. Abdur Razzak	Upazila Social WelfareOfficer	Member	01552361575
19	Md. Mafiz Ullah	Upazila Family Planning Officer	Member	
20	Md. Abdul Gani	Upazila Food Controler (Additional)	Member	01716988243
21	SK Abdullah Al- Sayed	Officer Incharge(Police)	Member	01715332749
22	Md. Abu Saem	Upazila Sub Asst Engineer(Public Health)	Member	01923386647
23	Prodip Kumar Dev	Upazila Jubo Unnayan	Member	

		Officer		
24	Md. Sadrul Islam	Upazila Shamoboy Officer	Member	
25	Guljer Ahmed Khan	Upazila Madhamic Shikha Officer	Member	
26	Md. Zahangir Hossain	Upazila Mohila Bishyok Officer	Member	
27	Md. Usuf Hossain Chowdhury	Upazila Anser & VDP Officer	Member	
28	Kohinur Akhter	Sangrakhito Mohila UP, Dhanpur	Member	0174143914 5
29	Joba Rani Debi	Sangrakhito Mohila UP, Palash	Member	0194050364 3
30	Abeda	Sangrakhito Mohila UP, Dakhin Badaghat	Member	0192576199 4
31	Md. Ramjan Ali	ED,GUS	Member	
32	SM Golam Kibrea	Filled Supervisor,ASD	Member	0173695095 7
33	Mijanur Rahman Bhuea	CARE- Bangladesh,Sunamganj FO	Member	0171251322 0
34	Shapon Kumar Barmon	President,Press Club	Member	0119606758 6
35	Md. Kafil Ahmed	President, Banik Somitee	Member	0171104030 4
36	Bimolangsu Ray	Pricipal,Digendra Barmon Digree College	Member	0172864892 0
37	Md. Abdul Hekim (Hasim)	Upazila Freedom Fighter Comender	Member	0172988447 7

Annexure - 3

List of Union Volunteers ( Palash )

SL	Name	Father / Husband Name	Ward No	Training	Mobile
01	Rahela Begum	Ramjan	Krishno Nagar-01		01940503643
02	Shirina	Shohel	Nutanpara-01		01940503643
03	Anower Pasha	Mofijur Rahman	Mollikpur-01		01921821387
04	Abdul Malek	Mofij	Mollikpur-01		01921821387
05	Mritunjoy Sharma	Ranojit Sharma	Dharerpar-02		01758045395
06	Kowshola dash	Rabananda Dash	Dharerpar-02		01916773775
07	Bikash Dash	Barada Dash	Peari Nagar-02		01748002614
08	Nikolesh Debnath	Porimol Debnath	Peari Nagar-02		01727021290
09	Manik Debnath	Mahendra Debnath	Adhukhali-03		01914399437
10	Md. Nurul Amin	Late. Tamij Uddin	Rasulpur-03		01942074171
11	Usha Rani Nath	Jitendranath	Adhukhali-03		01918075527
12	Kolpona Rani Dash	Rasendra Dash	Gobindonagar-03		01729168344
13	Farida Khatun	Mokter	Chanpur-04		01716206280
14	Rahima Khatun	Abdul Bari	Kachirgati-04		01716206280
15	Mijan	Abdus Sobhan	Dashghar-04		01724969784
16	Rayhan	Nabi Hossain	Dashghar-04		01749961593
17	Amena Khatun	Ganu Meah	Majhair-05		01962429652
18	Chandan Meah	Altaf Hossain	Rajghat-05		01735464238
19	Ratan Meah	Iman Uddin	Rajghat-05		
20	Amina Khatun	Akbar Ali	Pukurpar-05		01749780274
21	Saleha Khatun	Alam	Palash-06		01913742008
22	Noor Mohammad	Late. Jahur Ali	Palash-06		
23	Sokina Khatun	Md. Jinnat Ali	Palash-06		01946381372
24	Din Islam	Suruj Ali	Ranabidda 06		01942704646
25	Amirul Islam	Md. Anfor Ali	Soyhara-07		01746733340
26	Joynal Abedin	Abdul Hamid	Kejaura-07		01713812531
27	Miss Bilkis	Abdul Kuddus	Soyhara-07		01764551014
28	Firoja	Md. Abdul	Kejaura-07		01713812531
29	Abdus Shahid	Abdul Majid	Nutan Golgao-08		01718671796
30	Al-Amin	Abdul Malek	Pakhijan -08		01757056469
31	Sabina Yasmin	Tahar Meah	Nutan Golgao-08		01718671796
32	Romela Khatun	Abdus Sattar	Pakhijan -08		01765557670
33	Josna Begum	Dilu Meah	Gajirgao-09		01939306226
34	Karimunnesa	Abdullah	Alipur-09		01726683375
35	Dhirendra Debnath	Rambihari	Talertal-09		01736386142
36	Abdul Motaleb	Late Abdul Aziz	Kowlarpar-09		01916628705

### List of Union Volunteers ( Dhonpur)

SL	Name	Father / Husbands Name	Ward No	Training	Mobile
01	Haji Wahedur Rahman	Golam Mostofa	Dhanpur-01		01911783215
02	Zahangir Meah	Late Shirajul Haque	Islampur-01		01710442809
03	Selina Begum	Khorsed Meah	Islampur-01		01927932700
04	Madina Begum	Malu Meah	Shuresh Nagar-01		01928620737(Req)
05	Abdul Hannan	Late Abdur Rashid	Meruakhola-02		01937505951
06	Nekbar Ali	Late Mohammad Ali	Meruakhola-02		01714252942
07	Renu Begum	Abdul Hashim	Meruakhola-02		01719233780
08	Tania Sultana	Abdus Sattar	Latargao-02		01926211037
09	Abdul Alim	Monsur Ali	Purbo Rajnagar-03		01758230418
10	Ali Osman	Abul Hossain	Dudpur-03		01758605261
11	Jharna Begum	Soyod Ali	Purbo Rajnagar-03		01818083732
12	Salma Begum	Shohorab Meah	Betagar-03		01915671516
13	Selina	Abdullah	Chargao-04		01934754209(Req)
14	Ali Akbar	Abdul Kadir	Chandargao-04		01962348200
15	Najma Akter	Azizul Haque	Katakhali-04		01743773553
16	Najrul Islam	Tajul Islam	Chargao-04		01736656793
17	Abdul Kadir	Abu Bakar Siddik	Halabadi-05		01715860874
18	Habibur Rahman Habu	Late Mabat Ali	Halabadi-05		01742764695
19	Kamola	Abdul Niot Ali	Halabadi-05		01715860874
20	Nurjahan	Late Sahab Uddin	Tarangia-05		01715860874
21	Rafikul Islam	Golam Rabbani	Satarkona-06		01719290107
22	Md. Abu Musa	Late Abdul Hashim	Satarkona-06		01747292650
23	Miss. Madina	Abdul Kadir	Satarkona-06		01762227431
24	Fajila Akter	Maram Ali	Satarkona-06		01765556409
25	Asma Begum	Abbas Ali	Gamairtala-07		01760632511
26	Shahana	Shahaj Ali	Gamairtala-07		01765217212
27	Mohammad Ali	Late Tahir Ali	Shilduhara-07		01762782708
28	Abdul Gafur	Late Abbas Ali	Gamairtala-07		01742975250
29	Abdul Kadir	Abdul Hakim	Chinakandi-08		01757264074(Req)
30	Haque Meah	Md. Shabdar Ali	Chinakandi-08		01928586009(req)
31	Hosnara Khatun	Rokon Uddin	Chinakandi-08		01928586009
32	Morjina Begum	Shafikul Islam	Chinakandi-08		01757264074
33	Shahaj Uddin	Late Alal Uddin	Mahendrana-09		01731192950
34	Abdur Razzak	Late Ahmed Ali	Masimpur-09		01753286112
35	Miss Halima	Mantu Meah	Sonatola-09		01756592736
36	Rokea Akter	Rumal Hossain Mir	Sharupganj-09		01731192950(Req)

### List of Union Volunteers ( Solukabad)

S L	Name	Father/Husbands Name	Ward No	Training	Mobile
01	Aowlad Hossain	Md. Lil Meah	Vadertek-01		01746117210
02	Mojibar Rahman	Hasan Ali	Vadertek-01		01745390993
03	Sharmin Begum	Abdul Kader	Vadertek-01		01967404261
04	Shahara Khatun	Shajedur Rahman	Vadertek-01		01967404261
05	Md. Eakub Ali	Abdul Haque	Vadertek Monipuri-02		01915525421
06	Nabir Hossain	Shirajul Islam	Vadertek Monipuri-02		01943359817
07	Asma Begum	Omor Faruk	Vadertek Monipuri-02		01937506042
08	Shahana Begum	Rafikul Islam	Vadertek Monipuri-02		01943784053
09	Shafar Ali	Sadir Meah	Chalbon-03		01923974955
10	Monowara Begum	Majnu Meah	Chalbon-03		01923974955
11	Shirina Khatun	Sawkat Ali	Chalbon-03		01923974955
12	Jamir Hossain	Late Abdul Kader	Jagonnathpur-03		01931171992
13	Abu Siddik	Md. Rostom Ali	Ratergao-04		01963659145
14	Badol Meah	Late Manik Meah	Sonerpara-04		01963659145 (Req)
15	Amena Khatun	Late Abdul Kuddus	Ratergao-04		01963659145 (Req)
16	Firoja Akter	Mokbul Hossain	Poranmathurkan di-04		01742629634
17	MA Bashir	Haji Tara Meah	Akterpara-05		01920095493
18	Ramjan Meah	Sadir Meah	Akterpara-05		01727674914
19	Nisha Rani Sinha	Rabindra sinha	Gorergao-05		01932537558
20	Ayesa Begum	Haris Meah	Gorergao-05		01923389223
21	Lutfar Rahman	Najrul Islam	Jinarpur-06		01923388670
22	Farid Meah	Sona Meah	Jinarpur-06		01945255608
23	Minaj Pervin	Nur Alam	Jinarpur-06		01931560408
24	Julekha Khatun	Kajol Meah	Jinarpur-06		01945255608
25	Amir Uddin	Late Janob Ali	Mathurkandi-07		
26	Jamir Uddin	Motaleb Ali	Adang-07		01766914019
27	Fatema Begum	Islam	Mathurkandi-07		01926065318 (Req)
28	Delwara Khatun	Helal Uddin	Mathurkandi-07		01926065318
29	Ful Meah	Shafiullah	Dalura-08		01739020867
30	Ashik Meah	Abdul Malek	Kapna-08		01739020867
31	Shajeda Begum	Najrul Islam	Dalura-		01917015445
32	Sharjahan Khatun	Abdul Berek	Kapna Guccha-08		01917015445
33	Rafikul Islam	Roich Uddin	Amragora-09		01924208860
34	Shahin Meah	Abdul Mannan	Amragora-09		01742927857
35	Momotaj Begum	Sona Meah	Mouakura-09		01742927857
36	Rojina Khatun	Rashid Meah	Mouakura-09		01742927857

### List of Union Volunteers ( Fatehpur )

SL	Name	Father/Husbands Name	Ward No	Training	Mobile
01	Waheduzzaman	Late Johur Ali	Anantapur-01		01770125266
02	Shandha Rani	Anishi	Lakha-01		01722181137
03	Nesar Ahmed	Abdur Rauf	Anantapur-01		01732191048
04	Apea Begum	Abu Meah	Shahapur-01		01758533838
05	Jamal Uddin	Late Monir Uddin	Khirdharpur-01		01726381779
06	Nurunnesa	Abdul Hai	Khirdharpur-01		01726381779
07	Dula Meah	Haji Saifullah	Rajindrapur-02		01732128793
08	Rahima Begum	Sabur Khan	Rajindrapur-02		01732128793
09	Dawla Meah	Late Matiur Rahman	Bagua -03		01732128682
10	Rajia Begum	Late Jamir Ali	Bagua -03		01732128682
11	Mortoj Ali	Late Abdus Salam	Basontopur-03		01766914244
12	Rashida Begum	Azizur Rahman	Basontopur-03		01751285626
13	Ahlad	Waris	Fulvari-04		01729658338
14	Momshar Ali	Late Wahidullah	Fulvari-04		01729658338
15	Jahera Begum	Aji Rahman	Fulvari-04		01745878948
16	Ajibunnesa	Late Shahabuddin	Jirag Tahirpur-04		01745021205
17	Lalita Bisswas	Shananda Bisswas	Chandergao-05		01756126896
18	Shabita Bisswas	Sanjit Bisswas	Lakhipur-05		01752940389
19	Mohon Bisswas	Tarini Bisswas	Gopalpur-05		01759606281
20	Anil Bisswas	Shorgio Bijendra Bisswas	Gopalpur-05		01733906922
21	Mijanur Rahman	Late HabiburRahman	Bishomvorpur-06		01724067563
22	Rahman Ahmed	Elas Uddin	Radhanagor-06		01724067563
23	Jashoda Barmon	Mrittunjoy Barmon	Bahadurpur-06		01771059085
24	Mina Barmon	Adhir Barmon	Raipur-06		01926561683
25	Sushanti Dash		Noagao-07		
26	Jitendra Talukder	Late Gojendra Tang	Fatehpur-07		01771294352
27	Anik Sarkar		Fatehpur-07		01755492426
28	Rina Dash	Late Ramendra Dash	Almadhar-07		01728280747
29	Abdul Haque Shah	Late Nabab Ali	Dulbarchar-08		01759607043
30	Ashik Nur	Late Najrul Islam	Samarkandi-08		01759607043(Req)
31	Tulana Rani Barmon	Ranjit Barmon	Kalachanpur-08		01714345145
32	Masuda Begum	Saiful	Dulbarchar-08		01759607083
33	Gourango Dey	Late Jattan Chow. Dey	Shalmara-09		01754669138
34	Juel Meah	Malik Meah	Shongrampur-09		01738576270
35	Marjina Begum	Eakub Ali	Shongrampur-09		01738576270
36	Shaheda Begum	Momin Ali	Shongrampur-09		01738576270(Req)



**List of Union Volunteers ( Dakhin Badaghat )**

SL	Name	Fathers/Husbands Name	Ward No	Training	Mobile
01	Md. Matiur Rahman	Abdul Majid	Omorpur-5		01723091402
02	Azizul Haque	Abdul Malek	Omorpur-5		01936352758
03	Shafia Khatun	Abdul Motaleb	Omorpur-5		01789740426
04	Monowara Begum	Abdul Malek	Omorpur-5		
05	Aynul Haque	Shamsu Meah	Omorpur-5		01621419256
06	Kulsuma Akter	Salam Meah	Omorpur-5		01775275648
07	Kanchan Bisswas	Ashani Bisswas	Bagmara-09		
08	Lakhi Rani Acharja	Provat Acharja	Bagmara-09		01775390800
09	Jugomaya	Ratil Acharja	Bagmara-09		01766122083
10	Nidul Pal	Nikhil Pal	Bagmara-09		01756922260
11	Shapna Rani Sutradhar	Akhil Sutradhar	Bagmara-09		01771630853
12	Akhil Sutradhar	Suramoni Sutradhar	Bagmara-09		01771630853
13	Abdur Nur	Iqbal	Sonapur-09		01766300757
14	Jashim Uddin	Late Kalim Uddin	Sonapur-09		01925712363
15	Prodhan Dash	Bindu Dash	Sonapur-09		01727259660
16	Joy Nibash	Hemonto Dash	Sonapur-09		01917437654
17	Shyamolata	Late Dharoni Dash	Sonapur-09		01917526432
18	Joyrani Dash	Late Tarani Dash	Sonapur-09		01747270211
19	Shamsuddin	Abdul Latif	Baggao-01		01743359879
20	Farid Alam	Kalamdhar Ali	Baggao-01		01750543953
21	Md. Omor Ali	Amir Uddin	Baggao-01		01725584632
22	Habibur	Ramij Uddin	Baggao-01		
23	Rahima Begum	Nur Meah	Baggao-01		
24	Julekha Beagum	Alkas	Baggao-01		
25	Rahima Begum	Abdul Kuddus	Jamalpur-01		
26	Rehena Begum	Abdur Rashid	Jamalpur-01		01752314030
27	Nur Alam	Shahaj Uddin	Jamalpur-01		
28	Ajim Uddin	Alkas	Jamalpur-01		
29	Alauddin	Ebrahim	Jamalpur-01		
30	Usman	Rashid Meah	Jamalpur-01		
31	Santo Bisswas	Shamcharan	Brojonathpur-07		01753535043
32	Gobindo Bisswas	Gongacharan	Brojonathpur-07		01725477786
33	RadhaCharan Biss	Mantu Bisswas	Brojonathpur-07		01738112399
34	Pronatu Chakrabarti	Profulla Chakrabarti	Brojonathpur-07		01738112399
35	Kunjalata Bisswas	Krisno Bisswas	Brojonathpur-07		01779773977
36	Karno Moni Bisswas	Narendra Bisswas	Brojonathpur-07		01962365628

## Annexure-4

### List of Shelter Management Committee

Earth Place (Matir Killa) : There is no Earth Place (Matir Killa) in Bishwamvorpur upazila.

Name of shelter	Responsible person	mobile	Comments

School Cum Shelter:

Name of Shelter	Responsible person	Mobile No.	Remarks
Fulvari Govt. Primary School	Subrata Talukder	01724237277	
Jirak Tahirpur Govt. Primary School	Amio Bhushon	01724653518	
Anantapur Govt. Primary School	Shamiran Talukder	01759330144	
Vatipara Govt. Primary School	Najma Begum	01731340827	
Paddanagar Govt. Primary School	Dhirendra Deb.	01714915411	
Pirijpur Govt. Primary School	Hirendra Kumar Roy	01722137261	
Khalachanpur Govt. Primary School	Ajit Talukder	01729132491	
Dalura Govt. Primary School	Md. Tashjidul Haque	01913090250	
Bishwamvarpur High School	Md. Sajjadur Rahman	01725323722	
Haji Majidullah High School	Shatta Brato Dash	01710697187	

GO/NGO Institutes: There is no other GO/NGO shelters r in Bishwamvorpur.

Name of Shelter	Responsible person	mobile	Comments

High Road or Embankment :

Name of Shelter	Responsible Person	Mobile No.	Comments
49 km. High Road	Md. Abdul Hai Upazila Engineer, LGED	01711908771	



**Health Management Committee:**

Name of Health Center	Responsible person	Mobile No.	Comments
Upazila Health Complex, Bishwamvorpur	Dr. Md. Abdur Rahman	01967995239	
	Dr. Habibur Rahman	01774927380	
	Rejaul Karim	01710722339	
	Dilip Kumar	01921299451	
	Md. Manik Meah	01752476451	

**Fire Security Committee :**

Name of Fire Service Station	Responsible Person	Mobile No.	Remarks
There is no fire service station in Bishwamvorpur	Jashim Meah	01925712363	
	Nilima Dash	01199360689	
	Nani Gopal Dash	01761214692	
	Rakib Pathan	01713805927	
	Md. Mahibul Islam	01723066505	

**Engine Boat**

Name of Union/Wards	Responsible Person	Mobile No.	Remarks
Polash Union	Kaium Meah	01724691606	
	Rejaul Meah	01913586230	
	Mahibul Hossain		
	Dulal Meah	01719578124	
	Shohel	01722393674	

**Local Business man**

Name of Union/Wards	Name of Local Business man	Mobile No.	Remarks
Polash Union	Md. Kafil Uddin	01711040304	
	Shohel Meah	01912416699	
	Rafikul Islam	01982498054	
	Salek Meah	01766224343	
	Rahul Barmon	01911543367	

## Annexure-5

### Bishwamvorpur Upazila At a Glance

Area	249 sq. km	Church	01
Upazila	01	Eidgah	70
Union	05	Bank	03
Mouza	58	Post office	05
Village	180	Club	21
Households	29336	Hat bazar	14
Total population	156381	Grave yard	92
Male	78175	Shoshanghat	25
Female	78206	Poultry farm	160
Education institutes	175	Power/hand loom	-
Govt. primary school	77	Deep tubewell	01
Registered primary school	-	Shallow tubewell	287
High school	10	Tubewell	1234
College	02	River	06
Madrassa (Dakhil, Fazil, Ebtediya)	06	Canal	115
Brac school	55	Beel	37
Kinder garten school	15	Haor	02
Education rate	35%	Pond	150
Community clinic	17	Wetland	648
Embankment	8 km ( 03 )	Fider Roads	208.21 Km
Sluice gate	02 (1 in Haor)	Carpeting Roads	93.51 Km
Bridge	44	Mobile tower	08
Culvert	216	Playground	04
Mosque	259	Farmers	27573
Temple	62	Fishermen	2961

Source : Upazila Parishad, Bishwamvorpur & Population Census, 2011.

## Annexure-6

### Some Important Program Schedule of Bangladesh Radio

Radio Center	Name of Program	Time	Day
Dhaka-KA	Krishi Shamachar	06:55-07:00 AM	Daily
	Shukher Thikana	07:25-07:30 AM	Daily
	Shasthai Shukher Mul	11:30 AM-12:00 PM	Daily but accept Friday
	Sonali Fashal	06:05-06:35 PM	Daily
Chittagong	Abhwoa Barta	06:50-07:00 PM	Daily
	Krishi Katha	06:55-07:00 AM	Daily
	Krishi Khamar	06:10-06:50 PM	Daily but accept Monday
Rajshahi	Shukhi Shansher	08:10-08:30 PM	Daily but accept Friday
	KhetKhamar Shamacher	6:55-07:00 AM	Daily
	Shabuj Bangla	06:05-06:50 PM	Daily
Khulna	Health Information	6:55-7:00 AM	Daily
	Krishi Shamachar	04:20-04:30 PM	Daily
	Chashabad	06:10-06:50 PM	Daily
Rangpur	Shukher Thikana	07:25-07:30 AM	Daily
	Khetkhamare	06:05-06:35 PM	Daily
Sylhet	Ajker Chshbad	06:55-07:00 AM	Daily
	Shukher Thikana	07:25-07:30 AM	Daily
	Shyamol Sylhet	06:05-06:50 PM	Daily but accept Friday
Thakurgaon	Kishan Matir Desh	06:05-06:25 PM	Saturday, Monday & Wednesday
Cox Bazar	Ajker Krishi	03:07-03:10 PM	Daily
	Sonali Prantor	03:40-03:45 PM	Tuesday & Thursday
Barishal	Krishi Katha	03:15-03:30 PM	Saturday & Wednesday
	Chhoto Paribar	03:35-03:50 PM	Daily but accept Monday Wednesday & Friday
Rangamati	Jiboner Janno	01:50-01:55 PM	Daily
	Khamar Bari	03:05-03:15 PM	Daily

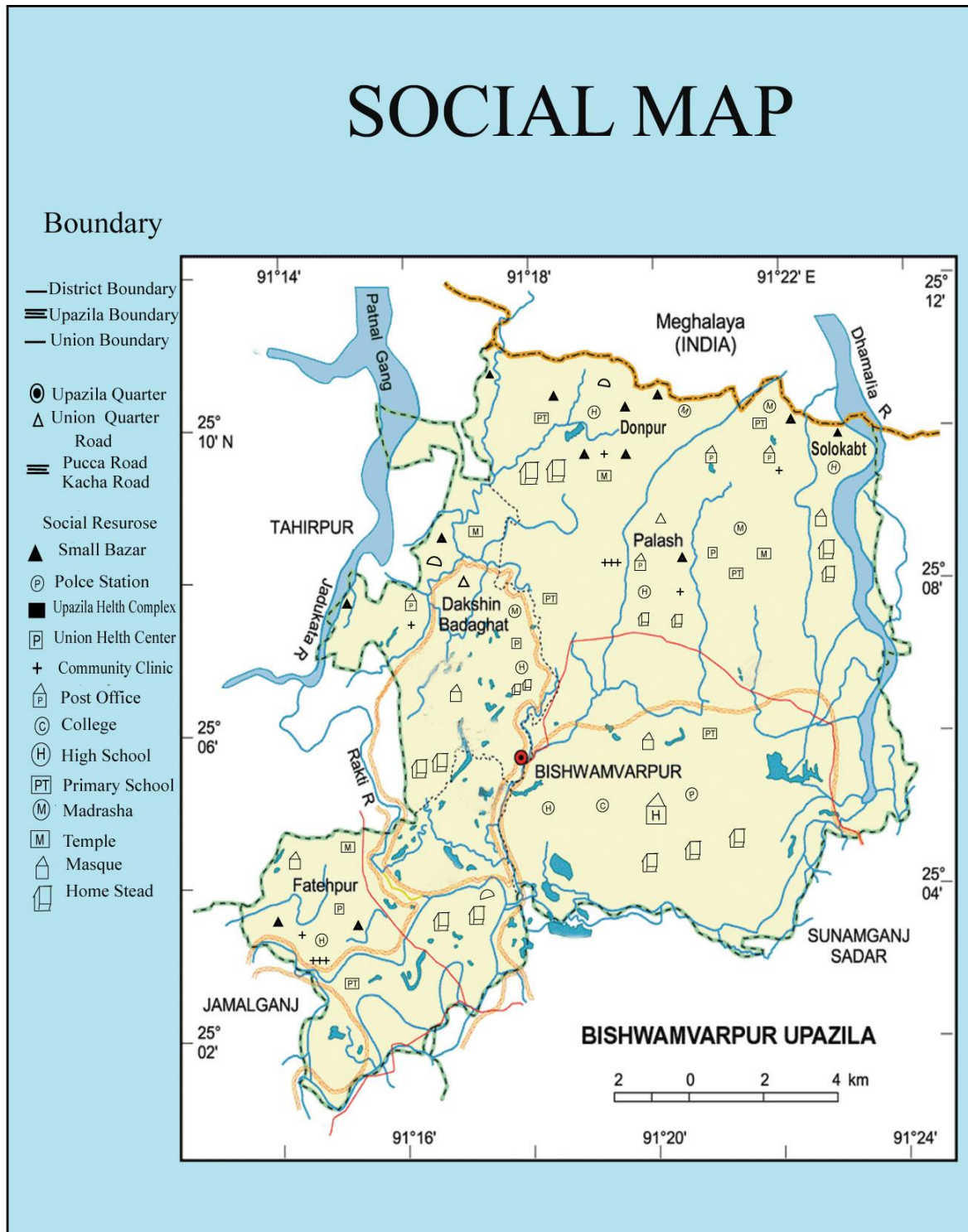
- Weather forecast is broadcasting from all centers at 6.50 PM together.

### Some Important Program Schedule of Community Radio.

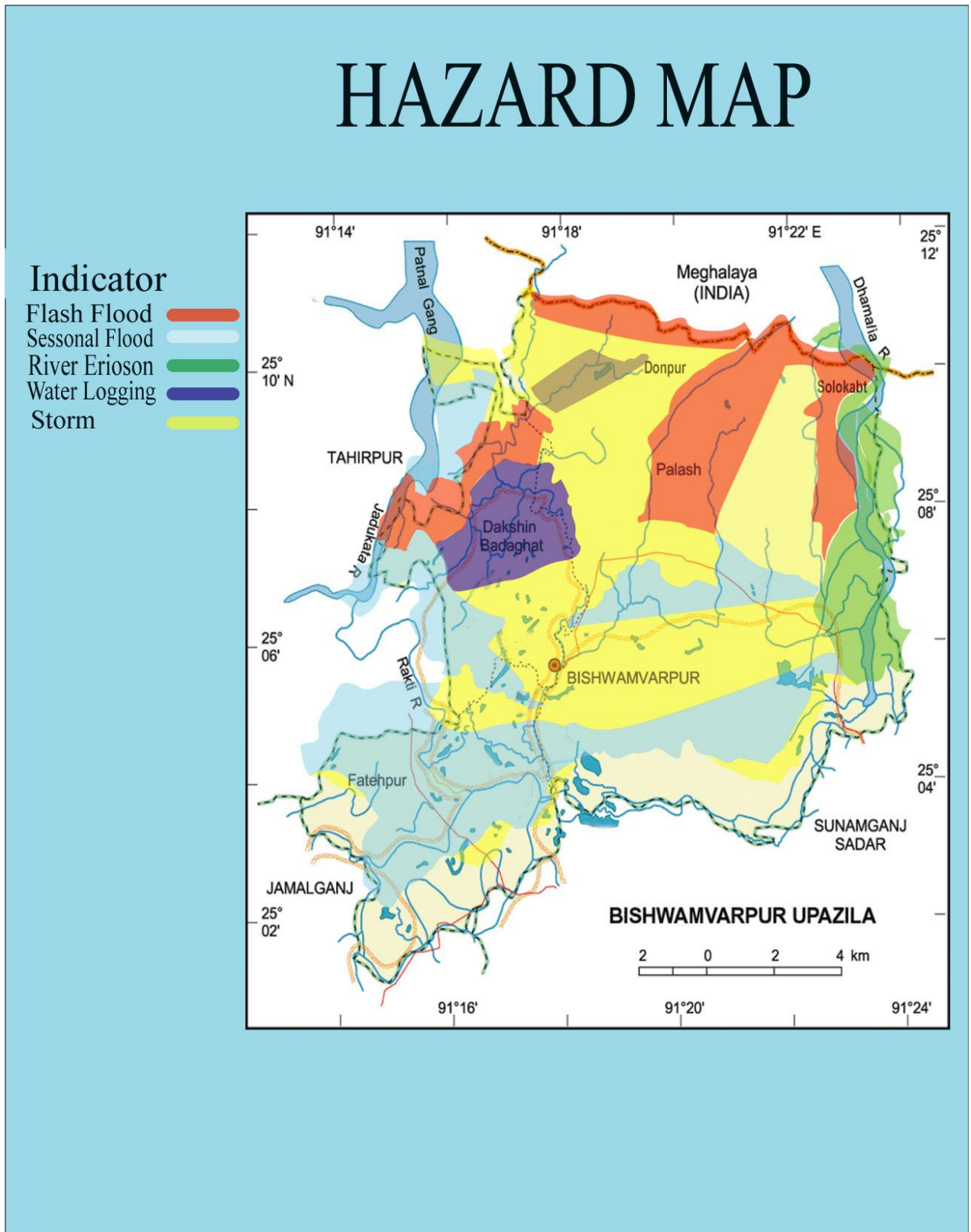
Radio Center	Name of Program	Time	Day

There is no broadcast of Community Radio in Bishwamvorpur upazila.

Social Map



Hazard Map



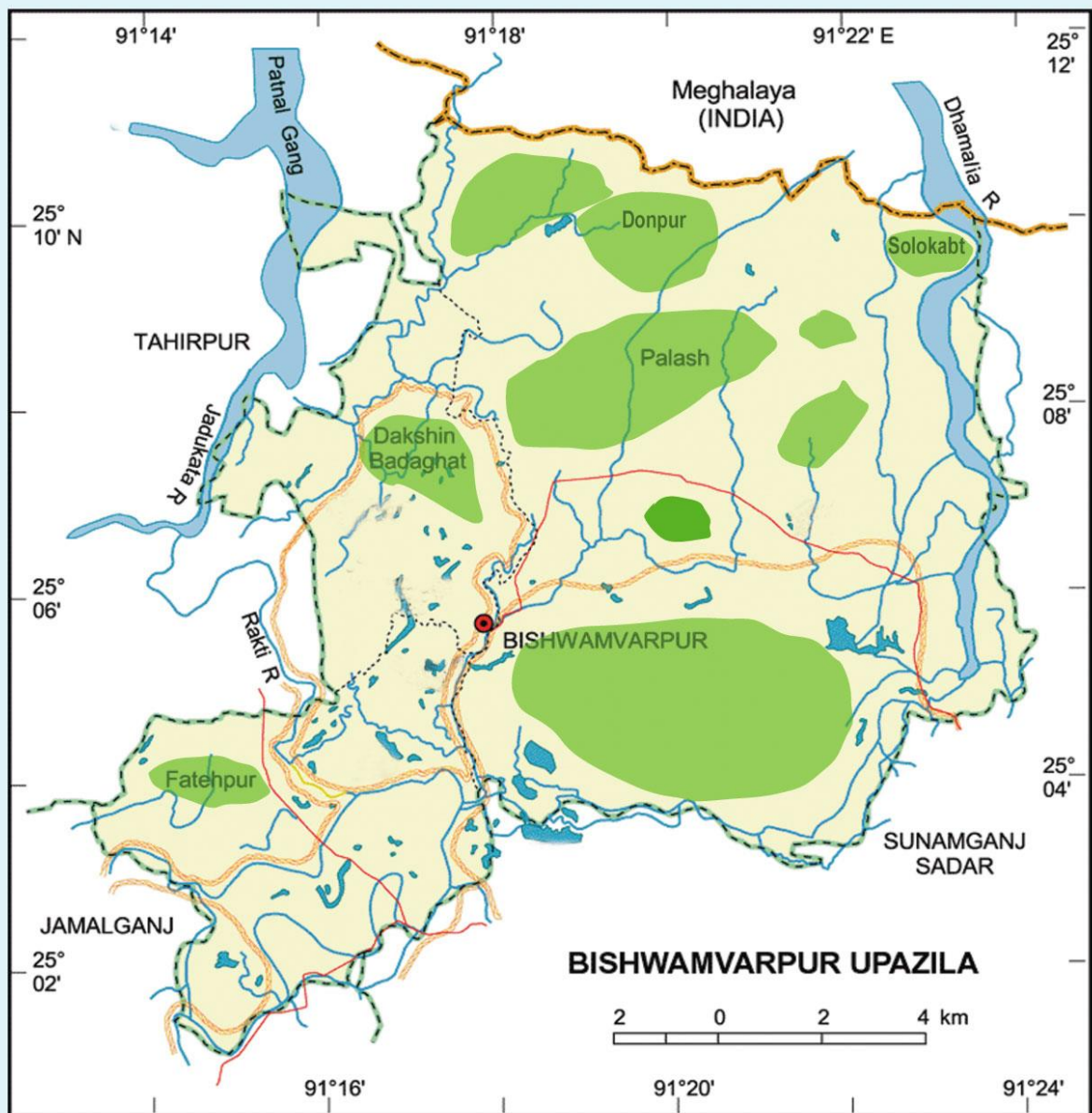


Safe Map

Indicator

# RISK FREE MAP

RISK FREE PLACE 



## Annexure 10

### List of Hat-Bazar, Bishomvorpur.

SL	Name of market & Place	Quantity	When Take Place	Number of Shops	Number of Somity
01	Fatehpur Bazar,Fatehpur UP	1	Wednesday	175	1
02	Dulbarchar,Fatehpur UP	1	Saturday & Tuesday	178	1
03	Khirdharpur,Fatehpur UP	1	Friday & Tuesday	172	1
04	Shaktiarkhola, Badaghat DhakhinUP	1	Wednesday & Saturday	205	1
05	Bashantapur, Badaghat Dhakhin UP	1	Friday & Monday	170	1
06	Vadertek, Salukabad UP	1	Friday & Tuesday	210	1
07	Bagber, Salukabad UP	1	Sunday & Thursday	150	1
08	Mathurkandi,Salukabad UP	1	Friday & Tuesday	120	1
09	Katakhali,Dhanpur UP	1	Saturday & Tuesday	145	1
10	Palash, Palsh UP	1	Saturday & Tuesday	260	1
11	Dhanpur,Dhanpur UP	1	Friday & Monday	250	1
12	Chinakandi,Dhanpur UP	1	Wednesday	270	1
13	Sharifganj,Dhanpur UP	1	Sunday & Thursday	100	1
14	Alipur,Palash UP	1	Wednesday & Saturday	95	1
	<b>Total</b>	<b>14</b>		<b>2500</b>	<b>14</b>

## Annexure-11

### List of Govt. Primary Schools. Bishwamvorpur

Sl. No.	School/ Madrasa/College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
01	Govt. Primary Schools.	Bipur Adarsha Govt.Primary School	319	7	Bishomvorpur	
02		Fulvari Govt.Primary School	229	4	Fulvari, Fatehpur	Yes
03		Jirag tahirpur, Govt.Primary School	158	5	Ziragtahirpur, Fatehpur	
04		Kaua Govt.Primary School	104	3	Kaua Fatehpur	
05		Fatehpur Govt.Primary School	256	4	Nawagao, Fatehpur	
06		Kalak Govt.Primary School	85	4	Kalak,fatehpur	Yes
07		Nayabarunka Govt.Primary School	157	6	Noyabarunka, fatepur	
08		Rajendrapur Govt.Primary School	437	6	Rajendrapur, fatepur	
09		Anantapur Govt.Primary School	306	3	Anantapur, fatepur	Yes
10		Shahapur Govt.Primary School	315	3	Shahapur, fatepur	
11		Rangiarchar Govt.Primary School	291	4	Rangiarchar, Fatepur	
12		Gopalpur Govt.Primary School	215	4	Gopalpur, Fatepur	
13		Bahadurpur Govt.Primary School	139	3	Bahadurpur, Fatepur	
14		Purangao Govt.Primary School	246	6	Purangao, Badaghat Dhakhin	
15		Jalilpur Govt.Primary School	127	6	Jalilpur, Badaghat Dhakhin	
16		Bashontapur Govt.Primary School	395	8	Bashontapur, Badaghat Dhakhin	



Sl. No.	School/ Madras a/College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
17		Shirajpur Govt.Primary School	354	6	Shirajpur, Badaghat Dhakhin	
18		Amria Govt.Primary School	535	7	Amria, Badaghat Dhakhin	
19		Shaktiarkhola Govt.Primary School	263	6	Shaktiarkhola, Badaghat Dhakhin	
20		Durgapur Govt.Primary School	329	4	Durgapur, Badaghat Dhakhin	
21		Vatipara Govt.Primary School	225	5	Vatipara, Badaghat Dhakhin	Yes
22		Muktikhola Govt.Primary School	267	7	Muktikhola, Palash	
23		Chanpur Govt.Primary School	260	5	Chanpur, Dhanpur	
24		Dashghar Govt.Primary School	211	6	Dashghar, Dhanpur	
25		Katakhali Govt.Primary School	392	6	Katakhali, Dhanpur	
26		Tarangia Govt.Primary School	265	4	Tarangia, Dhanpur	
27		Satarkona Govt.Primary School	455	7	Satarkona, Dhanpur	
28		Dhanpur Govt.Primary School	382	7	Dhanpur	
29		Chinakandi Govt.Primary School	485	7	Chinakandi, Dhanpur	
30		Masimpur Govt.Primary School	265	4	Masimpur, Dhanpur	
31		Gamairtala Govt.Primary School	435	7	Gamairtala, Dhanpur	
32		Kaitkona Govt.Primary School	350	6	Kaitkona, Dhanpur	
33		Mathurkandi Govt.Primary School	631	7	Mathurkandi, Solukabad	
34		Ratergao Govt.Primary School	490	7	Ratergao, Solukabad	
35		Rampur Govt.Primary School	283	5	Rampur, Solukabad	

Sl. No.	School/ Madrasa/College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
36		Soyhara Govt.Primary School	278	5	Soyhara,Palash	
37		Talertal Govt.Primary School	328	6	Talertal,Palash	
38		Meruakhala Govt.Primary School	237	6	Meruakhala, Dhanpur	
39		Majhair Govt.Primary School	412	10	Majhair,Palash	
40		Lalargao Govt.Primary School	332	7	Lalargao,Palash	
41		Padda Nagor Govt.Primary School	172	5	Padda Nagor	
42		Perinagor Govt.Primary School	168	5	Perinagor	
43		Vadertek Govt.Primary School	960	10	Vadertek	
44		Shalmara Govt.Primary School	105	4	Shalmara	
45		Brojonathpur Govt.Primary School	143	3	Brojonathpur	
46		Mauakura Govt.Primary School	196	4	Mauakura, Fatepur	
47		Jagonnathpur Govt.Primary School	291	4	Jagonnathpur,Shalukabad	
48		Chalbon Govt.Primary School	506	4	Chalbon, Shalukabad	
49		Khirdharpur Govt.Primary School	192	4	Khirdharpur,Fatepur	
50		Baghber Govt.Primary School	360	4	Baghber, Shalukabad	
51		Omorpur Govt.Primary School	175	4	Omorpur, Badaghat dakhin	
52		Kejaura Govt.Primary School	182	4	Kejaura,Dhanpur	
53		Halabadi Govt.Primary School	212	4	Halabadi, Dhanpur	

Sl. No.	School/ Madrasa/College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
54		Khodadila Govt.Primary School	177	3	Khodadila, Dhanpur	
55		Dharerpar Govt.Primary School	172	4	Dharerpar, Palash	
56		Shangrampur Govt.Primary School	200	4	Shangrampur, Fatepur	
57		Chargao Govt.Primary School	229	4	Chargao, Badaghat Dakhin	
58		Adukhali Govt.Primary School	114	4	Adukhali, Palash	
59		Pirijpur Govt.Primary School	130	4	Pirijpur, Fatepur	Yes
60		Lkhipur Govt.Primary School	143	4	Lkhipur, Fatepur	
61		Krishna nagor Govt.Primary School	121	4	Krishna nagor, Fatepur	
62		Lakhirpar Govt.Primary School	257	4	Lakhirpar, Fatepur	
63		Kachirgati Govt.Primary School	326	4	Kachirgati, Palash	
64		Khalachanpur Govt.Primary School	109	4	Khalachanpur, Badaghat Dakhin	Yes
65		Madhupur Govt.Primary School	120	4	Madhupur, Fatepur	
66		Haripur Govt.Primary School	59	4	Haripur, Fatepur	
67		Adang Govt.Primary School	236	4	Adang, Fatepur	
68		Kutipara Govt.Primary School	183	4	Kutipara, Palash	
69		Upazila Sadar Govt.Primary School	135	4	Upazila Sadar, Palash	
70		Laliarpur Govt.Primary School	162	4	Laliarpur, Badaghat Dakhin	
71		Islampur Govt.Primary School	289	4	Islampur, Shalukaba	

Sl. No.	School/ Madrasa/College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
					d	
72		Golgao Govt.Primary School	247	4	Golgao, Shalukabad	
73		Dalura Govt. Primary School	235	4	Dalura, Shalukabad	
74		Shildoar Govt. Primary School	172	4	Shildoar, Shalukabad	
75		Gandamara Govt.Primary School	142	4	Gandamara,Badaghat Dakhin	
76		Zinarpur Govt. Primary School	85	3	Zinarpur, Shalukabad	
77		Monobeg Sattrish Govt.Primary School	156	4	Monobeg Sattrish,Badaghat Dakhin	
	<b>Total</b>	<b>77</b>	<b>20154</b>	<b>376</b>		<b>8</b>

### List of High Schools, Bishwamvorpur

Sl. No.	School/ Madrasa/College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
01	Nongovt. High Schools	Bishomvorpur High School	866	11	Nutanpara, Bishomvorpur	Yes
02		Haji Majid Ullah High School	378	9	Fatepur, Fatepur UP	Yes
03		Katakhali High School	806	8	Katakhali, Dhanpur	
04		Dhanpur High School	1470	14	Dhanpur Bazar, Dhanpur UP	
05		Satgaon High School	337	8	Satgaobazar, Fatepur UP	
06		Palash High School	1192	14	Palash Bazar, Palash UP	
07		Murarichad High School	233	6	Murarichad, Fatepur UP	
08		Ratergaon High School	1085	12	Ratergao, Shalukabad UP	
09		Shaktiarkhola High School	758	10	Shaktiarkhola, Badaghat Dhakhin UP	
10		Bishomvorpur Girls High School	265	6	Muktikhola, Palash UP	
	<b>Total</b>	<b>10</b>	<b>7390</b>	<b>98</b>		<b>2</b>

### List of Dhakhil Madrashes, Bishwamvorpur.

Sl. No.	School/ Madrasa /College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
01	<b>Nongovt. Dhakhil Madrashes</b>	Meruakhola fajil Madrasha	745	17	Meruakhola, Dhanpur UP	
02		Kapna jalalia Dakhil Madrasha	387	11	Kapna, Shalukabad UP	
03		Dighirpar Dakhil Madrasha	664	13	Dighirpar, Palash UP	
04		Masimpur Dakhil Madrasha	315	13	Masimpur Dhanpur UP	
05		Gajirgao Dakhil Madrasha	379	13	Gajirgao, Palsh UP	
06		Vadertek Dakhil Madrasha	439	15	Vadertek, Shlukabad UP	
	<b>Total</b>	<b>6</b>	<b>2929</b>	<b>82</b>		-

### List of College, Bishwamvorpur

Sl. No.	School/ Madrasa/College	Name	No. of Students	No. of Teachers	Location	Whether Used as Flood Shelter
01	<b>Private College</b>	Digendra Barmon Digree College	1040	21	Puranmuktirkhola, Palash UP	
02		Hajera Muslim School & Technical College	115	5	Palash Bazar, Palash UP	
	<b>Total</b>	<b>02</b>	<b>1155</b>	<b>26</b>		-

## Annexure-12

### List of Health Service Center, Bishwamvorpur

Sl. No.	Name of Health Service Center	Location	Number	Number of		
				Doctor	Nurse	Service Staff
01	Upazila Health Complex	Muktirkhola, Palash UP	01	02	08	05
02	Health & Family Kallayn Kendra	Palash Bazar, Palash UP	01	03	-	02
03	Health & Family Kallayn Kendra	Shaktiar khola, Badaghat Dhakhin UP	01	03	-	02
04	Health & Family Kallayn Kendra	Fatepur Bazar, Fatepur UP	01	03	-	02
05	Community Clinic	Kachirgati, Palash UP	01	01	-	-
06	Community Clinic	Janata Bazar, Palash UP	01	01	-	-
07	Community Clinic	Talertal, Palash UP	01	01	-	-
08	Community Clinic	Mujib Bazar, Dhanpur UP	01	01	-	-
09	Community Clinic	Katakhali, Dhanpur UP	01	01	-	-
10	Community Clinic	Halabadi, Dhanpur UP	01	01	-	-
11	Community Clinic	Chinakandi, Dhanpur UP	01	01	-	-
12	Community Clinic	Masimpur, Dhanpur UP	01	01	-	-
13	Community Clinic	Vadertek, Shalukabad UP	01	01	-	-
14	Community Clinic	Majhertek, Shalukabad UP	01	01	-	-
15	Community Clinic	Mathurkandi, Shalukabad UP	01	01	-	-
16	Community Clinic	Mauakura, Shalukabad UP	01	01	-	-
17	Community Clinic	Bashontapur, Badaghat Dakhin UP	01	01	-	-
18	Community Clinic	Mear Char, Badaghat Dakhin UP	01	01	-	-
19	Community Clinic	Gopalpur, Fatepur UP	01	01	-	-
20	Community Clinic	Kalaia, Fatepur UP	01	01	-	-
21	Community Clinic	Bashontapur, Fatepur UP	01	01	-	-

	<b>Total</b>	<b>21</b>	<b>21</b>	<b>28</b>	<b>08</b>	<b>11</b>
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## Annexure - 13

### List of Beels, Bishomvorpur

There are 37 beels in Bishwamvorpur upazila. Among them, 9 beels are above 20 acre and 28 beels are below 20 acre.

Sl. No.	Name of Beel	Use	Usefulness	Remarks
01	Tinbila beel	Using	Different types of fish found in the beels. Huge sums of money are earned every year by selling fish from the beels which is playing a leading role in the social development. Besides, the water of the beels is used for irrigation. It helps to create employment opportunity and meet the demand of nutrition. The beels are the fields of different birds.	Above 20 acres
02	Khni beel			Do
03	Jamertala beel			Do
04	Sonatala Kaikkar daer beel			Do
05	Abua rever pro: Nandia Rever beel			Do
06	Beelkallayni Pro Angaruli beel			Do
07	Gondamara Group beel			Do
08	Rupsha rever beel			Do
09	Nainda kripa Rever beel			Do
10	Ghatghatia Rever beel			Below 20 acres.
11	Chatalmahishkuri beelgroup fiesherie beel			Do
12	Gajaria Haor Shingirdair beel			Do
13	Chitalia Beelgroup fiesherie beel			Do
14	Lamba beel			Do
15	Lambabeel TR Beelgul beel			Below 20 acres.
16	Shudashkahli Rever beel			Do

Sl. No.	Name of Beel	Use	Usefulness	Remarks
17	Jala Bisradubi of Sredharpur beel			Do
18	Proshdia duba beel			Do
19	Kuridoba of munkar beel			Do
20	Harua Duba beel			Do
21	Tilbena beel			Do
22	Kadua beel			Do
23	Dumurer Duba & Kellar Group beel			Do
24	Mahis purar beel			Do
25	Mora Rever & Khara beel			Do
26	Alma Dahor beel			Do
27	Ramesharpurer beelpuri and thakurdara beel			Do
28	Chatal beel			Do
29	Karabura beel			Do
30	Kuri beel			Do
31	Kalinath Shyamer Duba beel			Do
32	Alipurur Khal beel			Do
33	Shindhar Ghatiar beel			Do
34	Soner Haor Group Fisheries beel			Do
35	Shahapurur Gang Group Fisheries beel			Do
36	Shajerkita beel			Do
37	Kalaya Dakbond beel			Do

Source: Upazila Fishery Office, Bishwamvorpur.

## Annexure - 14

### List Cooperative Society of Bishwamvorpur

Sl No.	Name of Association	Registration No & Date	Address	Remarks
01	Katakhali Akota fisheries Cooperative Club Ltd.	1240, 19/07/2009	Vill: Katakhali, post : Bishomvorpur, Suna mganj	
02	Anantapur Fisheries Cooperative Club Ltd.	1494, 19/07/2009	Vill: Anantapur, post : Beheli Bishomvorpur, Sunamganj	
03	Uttar fisheries Cooperative Club Ltd.	1503,14/03/20 10	Vill : Brojonathpur, post : Bishomvorpur, Suna mganj	
04	Rajnagor Fisheries Cooperative Club Ltd.	1687,07/03/20 11	Vill : Rajnagor, post : Bishomvorpur, Suna mganj	
05	Satarkona Fisheries Cooperative Club Ltd.	1370,17/09/20 09	Vill: Satarkona, post : ChinakandiBishomv orpur, Sunamganj	
06	Bashontapur Fisheries Cooperative Club Ltd.	1553,24/05/20 10	Vill: Bashontapur, post : Beheli Bishomvorpur, Sunamganj	
07	Durgapur Matshojibi Shamoboy Somitee Ltd.	742,07/04/197 2	Vill: Durgapur, post : Bishomvorpur, Suna mganj	
08	Lakhipur Shamoboy Somitee Ltd.	1515,21/03/20 10	Vill: Lakhipur, post : Bishomvorpur, Suna mganj	
09	Dhakhin Katakhali Shamoboy Somitee Ltd.	1237,16/07/20 09	Vill: Katakhali, post : Bishomvorpur, Suna mganj	
10	Khalachanpur Shamoboy Somitee Ltd.	1394,01/11/20 09	Vill: Khalachanpur, post : Fatepur Bishomvorpur Sunamganj	
11	Bashontapur Gandamara Shamoboy Somitee Ltd.	1502,24/03/20 10	Vill: Bashontapur, post : Badaghat, Bishomvorpur, Sunamganj	
12	Udayan Shamoboy Somitee Ltd.	1631,04/01/20 11	Vill: Garinagor, post : Bishomvorpur, Suna mganj	
13	Ghagotia Shamoboy Somitee Ltd.	79,26/05/2009	Vill: Ghagotia , post : Bishomvorpur, Suna	

Sl No.	Name of Association	Registration No & Date	Address	Remarks
			mganj	
14	Uttar Bahadurpur Tithi Shamoboy Somitee Ltd.	1256,26/07/2009	Vill: Bahadurpur, post : Bishomvorpur, Sunamganj	
15	Shahapur Shamoboy Somitee Ltd.	1476,28/02/2010	Vill: Shahapur, post : Fatepur Bishomvorpur, Sunamganj	
16	Fulvori Shamoboy Somitee Ltd.	1403,15/11/2009	Vill: Fulvori, post : Bishomvorpur, Sunamganj	
17	Omorpur Shamoboy Somitee Ltd.	1272,06/08/2009	Vill: Omorpur, post Bishomvorpur, Sunamganj	
18	Gajirgao Shapla Shamoboy Somitee Ltd.	56,12/04/2009	Vill: Gajirgao, post : Ratergao, Bishomvorpur, Sunamganj	
19	Brajonathpur Shamoboy Somitee Ltd.	1316,25/08/2009	Vill: Brajonathpur, post : Bishomvorpur, Sunamganj	
20	Naya Baranka Shamoboy Somitee Ltd.	75,14/05/2012	Vill: Nayabaranka, post : Fatepur Bishomvorpur, Sunamganj	
21	Dhakhin Bahadurpur Rupali Shamoboy Somitee Ltd.	108/13(Sunam ) 11/09/2013	Vill: Bahadurpur, post : Bishomvorpur, Sunamganj	
22	Fatepur Shamoboy Somitee Ltd.	125/13,30/12/2013	Vill: Fatepur, post : Fatepur Bishomvorpur, Sunamganj	
23	Dhakhin BrojonathpurSCBRM P Shamoboy Somitee Ltd.	9/14,05/02/2014	Vill: Brojonathpur, post : Bishomvorpur, Sunamganj	
24	Pachim Khalachandpur Shamoboy Somitee Ltd.	20/14,04/03/2014	Vill: Khalachadpur, post : Bishomvorpur, Sunamganj	
25	Durgapur Hinduhati Shamoboy Somitee Ltd.	24/14,05/03/2014	Vill:Durgapur, post : Bishomvorpur, Sunamganj	
26	Mayer Achal multi Co-Society Ltd.	1568, 13/07/2010	Vill: Mathurkandi,	

Sl No.	Name of Association	Registration No & Date	Address	Remarks
			post : Bishomvorpur, Sunamganj	
27	Rajanagor Bahumukhi Shamoboy Somitee Ltd.	1693,16/03/2011	Vill: Rajanagor, post : Bishomvorpur, Sunamganj	
28	Bishomvorpur Khudra Nregosthi Shamoboy Somitee Ltd.	075/12, 12/05/2011	Vill: Kashipur, post : Ratergao, Bishomvorpur, Sunamganj	
29	Sheba Multi Co-society Shamoboy Somitee Ltd.	1715,12/05/2011	Vill: Mollikpur, post : Bishomvorpur, Sunamganj	
30	Shalukabad Sramik Bahumukhi Shamoboy Somitee Ltd.	103,29/11/2006	Vill: Shalukabad, post : Ratergao, Bishomvorpur, Sunamganj	
31	Bashontapur Bazabayboshae Shamoboy Somitee Ltd.	10,03/09/2007	Vill: Bashontapur, post : Badaghat, Bishomvorpur, Sunamganj	
32	Fatepur abua Nadighat balipathor Shamoboy Somitee Ltd.	1539,08/04/2010	Vill: Fatepur, post : Fatepur Bishomvorpur, Sunamganj	
33	Mearchar jadukata Shamoboy Somitee Ltd.	1540,08/04/2010	Vill: Mearchar, post : Badaghat, Bishomvorpur, Sunamganj	
34	Doel sonchoy rindan Shamoboy Somitee Ltd.	061-13(Sunam), 08/05/2013	Vill: Nutanpara, post : Bishomvorpur, Sunamganj	
35	Akota Islami Shamoboy Somitee Ltd.	075-13(Sunam), 18/06/2013	Vill: Monipurihati, post : Bishomvorpur, Sunamganj	
36	Meghaloy Shamoboy Somitee Ltd.	102-13, 01/08/2013	Vill: Muktiikhola,, post : Bishomvorpur, Sunamganj	
37	Masranga Shamoboy Somitee Ltd.	105-13, (Sunam), 26/08/2013	Vill: Satgao, post : Bishomvorpur, Sunamganj	
38	Insaf Bahumukhi Shamoboy Somitee Ltd.	1554, 24/05/2010	Vill: Shaktiarkhala, post : Bishomvorpur, Sunamganj	
39	Uttar sonapara Shamoboy Somitee Ltd.	115-13(Sunam), 12/11/2013	Vill: Sonapara, post : Ratergao, Bishomvorpur, Sunamganj	
40	Shirduara ICM Krishi Shamoboy Somitee	60-90,24/04/2009	Vill: Shirduara, post :	

Sl No.	Name of Association	Registration No & Date	Address	Remarks
	Ltd.		Chinakandi,Bishomv orpur, Sunamganj	
41	Gold Fish Jubo Shamoboy Somitee Ltd.	124,24/02/200 5	Vill: Bahadurpur, post : Bishomvorpur, Sunamganj	
42	Shujan jubo & Jubo Mahila Shamoboy Somitee Ltd.	47, 25/08/2004	Vill: Muktiikhola, post : Bishomvorpur, Sunamganj	
43	Muktikhala akota Shamoboy Somitee Ltd.	466,26/04/200 1	Vill: Muktiikhala, post : Bishomvorpur, Sunamganj	
44	Jagoran Jubo Shamoboy Somitee Ltd.	052- 13(Sunam), 10/04/2013	Vill: Bashontapur, post : Bishomvorpur, Sunamganj	
45	Shaktiarkhala Sree Durga Jubo Shamoboy Somitee Ltd.	1651,10/02/20 11	Vill: Shaktiarkhala, post : Bishomvorpur, Sunamganj	
46	Currenter Bazar Bandhan Shamoboy Somitee Ltd.	085- 12(Sunam), 08/07/2012	Vill: Kachirgati, post : Bishomvorpur, Sunamganj	
47	Sunrise Jubo Shamoboy Somitee Ltd.	084- 12(Sunam), 08/07/2012	Vill: Shahapur, post : Fatepur,Bishomvorp ur, Sunamganj	
48	Bhai Bhai Shamoboy Somitee Ltd.	62-12(Sunam), 13/03/2012	Vill: Nutanpara, post : Bishomvorpur, Sunamganj	
49	Gamairtala Shamoboy Somitee Ltd.	087- 12(Sunam), 08/07/2012	Vill: Gamairtala,, post : Chinakandi,Bishomv orpur, Sunamganj	
50	Fatepur UP Bahumukhi Shamoboy Somitee Ltd.	47, 10/10/1968	Vill: Shahapur, post : Fatepur Bishomvorpur, Sunamganj	
51	Palash UP Bahumukhi Shamoboy Somitee Ltd.	75,04/09/1958	Vill: Majhair, post : Meruakhala, Bishomvorpur, Sunamganj	
52	Shaktiar Khala Krishi Shamoboy Somitee Ltd.	2097,09/04/19 82	Vill: Shaktiarkhala, post : Bishomvorpur, Sunamganj	
53	Bashontapur Shamoboy Somitee Ltd.	2259,03/09/19 82	Vill: Bashontapur, post : Beheli,Bishomvorpu r, Sunamganj	
54	Dulbharchar Shamoboy Somitee Ltd.	405,24/01/197 3	Vill:Dulbharchar, post : Bishomvorpur, Sunamganj	

Sl No.	Name of Association	Registration No & Date	Address	Remarks
55	Shangrampur-02 Shamoboy Somitee Ltd.	715, 06/12/1968	Vill: Shangrampur post :Fatepur, Bishomvorpur, Sunamganj	
56	Shirajpur Shamoboy Somitee Ltd.	821, 07/12/1968	Vill: Shirajpur, post : Bishomvorpur, Sunamganj	
57	Shangrampur-01 Shamoboy Somitee Ltd.	409, 14/12/1968	Vill: Shangrampur post : Fatepur,Bishomvorpur, Sunamganj	
58	Sonar haor Shamoboy Somitee Ltd.	1875, 28/11/1969	Vill:Fulvari, post : Bishomvorpur, Sunamganj	
59	Sonkitta Shamoboy Somitee Ltd.	1351,10/10/1969	Vill: Ghagtia, post : Bishomvorpur, Sunamganj	
60	Shimerkitta Krishi Shamoboy Somitee Ltd.	353,03/12/1970	Vill:Mashalghat, post : Fatepur,Bishomvorpur, Sunamganj	
61	Nayakitta Shamoboy Somitee Ltd.	242, 12/11/1970	Vill: Fulbhari, post : Bishomvorpur, Sunamganj	
62	Alamdhar Shamoboy Somitee Ltd.	146, 05/12/1970	Vill: Alamdhar, post : Bishomvorpur, Sunamganj	
63	Gajirgao Shamoboy Somitee Ltd.	1114, 30/10/1972	Vill: Gajirgao, post : Ratergao, Bishomvorpur, Sunamganj	
64	Bhabanipur Shamoboy Somitee Ltd.	618, 02/03/1972	Vill: Kalaya, post :Fatepur, Bishomvorpur, Sunamganj	
65	Vadertek Shamoboy Somitee Ltd.	2539, 05/02/1976	Vill: Vadertek , post : Ratergao,Bishomvorpur, Sunamganj	
66	Haripur-02 Shamoboy Somitee Ltd.	1478, 24/01/1976	Vill: Haripur , post : Fatepur, Bishomvorpur, Sunamganj	
67	Barokanda Shamoboy Somitee Ltd.	1437, 13/01/1987	Vill: Koa, post : Bishomvorpur, Sunamganj	
68	Madhupur Shamoboy Somitee Ltd.	2119, 06/05/1982	Vill: Madhupur, post Badaghat,: Bishomvorpur,	

Sl No.	Name of Association	Registration No & Date	Address	Remarks
			Sunamganj	



## Annexure-15

### List of Elected Bodies of Bishwamvorpur Upazila

Sl. No.	Name	Designation	Mobile
1.	Md. Harun-ur- Rashid	Chairman, Upazila Parishad, Bishomvorpur	01713815553
2.	Md. Suleman Talukder	Vice Chairman, Upazila Parishad, Bishomvorpur	01735879006
3.	Mrs. Aysha Akter	Mohila Vice Chairman, Upazila Parishad, Bishomvorpur	01758758776
4.	Md. Samsuzzaman Shaha	Chairman, Fatepur UP	01716204663
5.	Md. Suleman Meah	Chairman, Palsh UP	01716466960
6.	Mrs. Tanjina Mahjabin	Chairman, Sulekabad UP	01932009244
7.	Md. Sabab Meah	Chairman, Dhakhin Badaghat UP	01712568234
8.	Mohammad Harun-ur-Rashid	Chairman, Dhanpur UP	01713815553

## Annexure 16

### Ward Wise Number of Affected Farmers of Bishwamvorpur Upazila

Sl. No.	Ward No.	Polash Union		Solukabad Union		Dhonpur Union		Badaghat Dokkhin Union		Fotehpur Union		Remarks
		Total No. of Farmers	Affected Farmers	Total No. of Farmers	Affected Farmers	Total No. of Farmers	Affected Farmers	Total No. of Farmers	Affected Farmers	Total No. of Farmers	Affected Farmers	
1.	Ward No. 1	866	649	431	284	759	531	537	376	577	461	
2.	Ward No. 2	798	559	425	298	850	552	432	259	477	358	
3.	Ward No. 3	639	415	454	249	740	540	412	288	670	549	
4.	Ward No. 4	932	569	520	318	920	691	455	342	590	431	
5.	Ward No. 5	755	415	401	252	840	572	468	305	485	464	
6.	Ward No. 6	711	405	399	259	770	462	379	264	587	446	
7.	Ward No. 7	770	424	403	283	1020	724	402	294	595	476	
8.	Ward No. 8	705	494	439	254	988	592	355	242	605	399	
9.	Ward No. 9	558	419	402	262	971	728	380	273	601	421	
	<b>Total</b>	<b>6834</b>	<b>4449</b>	<b>3874</b>	<b>2459</b>	<b>7858</b>	<b>5392</b>	<b>3820</b>	<b>2644</b>	<b>5187</b>	<b>4005</b>	

Source: Sub Assistant Agriculture Officer, Bishwamvorpur

## Annexure 17

### *A Workshop on Disaster Management Planning held at Bishwamvorpur Upazila*

Disaster Management Planning Workshop is held by VARD on 12 February, 2014 at 10:30 A.M. in participation with Upazila Disaster Management Committee (UzDMC), Bishwamvorpur under Disaster Management (DM) Plan Project funded by Comprehensive Disaster Management Programme (CDMP II) at the Hall Room of Bishwamvorpur Upazila Parishad, Sunamganj. Mr. Md. Tofazzal Hossain, the Honorable Upazila Chairman, Bishwamvorpur, presided over the workshop. Md. Fazlul Hoque, Master Trainer of VARD-DM Plan Project moderated the workshop. A total of 33 participants of Bishwamvorpur UpDMC were present on the occasion.

In his greeting speech, Mr. Samir Ranjan Baral Assistant Director (Field Operation), VARD, congratulated all the guests presented at the meeting. He explained goal and objectives of DM Plan Project and of the workshop as well.

The disaster management planning session is conducted by Md. Fazlul Hoque, Master Trainer of VARD-DM Plan Project. The session becomes lively as well as exuberant resulting in active participation of UzDMC members. Disaster management plan format is filled up based on the opinion of the participants.



In the open discussion part of the workshop, participants from different institutions of GO, NGO and civil society shared their experience and expressed their opinion to prepare disaster management plan which will be helpful to mitigate the risk of disaster in the context of Sunamganj. In this regard, we have some important and valuable recommendation from them in the workshop those are as follows:

- Flash flood occurred in Bishwamvorpur due to heavy rainfall in Meghalaya The entering point of it is the Chalti river of Dolura and Michhakhali point. Then the open points of the embankment is to be closed to protect boro paddy of Korcha, Halir and Angarulir haor. It causes water logging in the upper area and damaged paddy field. So initiative to be taken to dewater through sluice gate.
- Since many men loss their lives every year resulting in boat drowning and thunder storm, we should work on awareness building in this regard.
- River bank erosion is being increased day by day in Miarchar for exhuming stones and sands freely through boma machine in the Chalti river of Dolura.

In his closing speech, the president of the workshop Mr. Md. Tofazzal Hossain, the Honorable Upazila Chairman, Bishwamvorpur, expresses thanks and gratitude to UzDMC members CDMP and VARD as they have prepared disaster management plan will play a vital role in disaster risk reduction. He draws attention to the successful implementation of DM Plan Project.

*Report prepared by: Md. Fazlul Hoque, Master Trainer, DM Plan Project, VARD*

## আলোকিত বাংলাদেশ

শুক্রবার | ২ ফাল্গুন ১৪২০ | ১৩ রবিউস সানি ১৪৩৫ হিজরি | ১৪ ফেব্রুয়ারি ২০১৪

### বিশ্বম্ভরপুরে দুর্যোগ বিষয়ক কর্মশালা

ভাঙের উদ্যোগে কম্পিউটার ডিজাস্টার ম্যানেজমেন্ট প্রোগ্রামের (সিডিএমপি-২) আর্থিক সহযোগিতায় দুর্যোগ ব্যবস্থাপনা পরিকল্পনা প্রকল্পের আওতায় বুধবার সুনামশালের বিশ্বম্ভরপুর উপজেলা পরিষদের হলরুমে এক কর্মশালা অনুষ্ঠিত হয়। বিশ্বম্ভরপুর উপজেলা দুর্যোগ ব্যবস্থাপনা কমিটির অধ্যক্ষণে দুর্যোগ ব্যবস্থাপনা পরিকল্পনা প্রণয়নবিষয়ক কর্মশালায় সভাপতিত্ব করেন বিশ্বম্ভরপুর উপজেলা চেয়ারম্যান মোঃ তফাজ্জল হোসেন।

কর্মশালায় মুখ্য সঞ্চালকের ভূমিকায় ছিলেন ভাঙের ডিএম প্র্যান প্রজেক্টের মাস্টার ফ্যাসিলিটিটর ফজলুল হক। কর্মশালায় বিশ্বম্ভরপুর উপজেলা দুর্যোগ ব্যবস্থাপনা কমিটির মোট ৩৩ জন সদস্য উপস্থিত ছিলেন। সাব্বাদ বিজ্ঞপ্তি।





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FRIDAY, DHAKA, FEBRUARY 14, 2014, FALGUN 2, 1420 BS, RABI-US-SANI 13, 1435 HJRI

## Workshop on Disaster Management Planning held at Bishwamvorpur Upazila

**SUNAMGANJ** : A non-government organization VARD organized a workshop on Disaster Management Planning on Wednesday at Bishwamvorpur upazila of the district in participation with Upazila Disaster Management Committee (UpDMC), says a press release. Md. Tofazzal Hossain, the Upazila Chairman, Bishwamvorpur, presided over the workshop. Md. Fazlul Hoque, Master Facilitator of VARD-DM Plan Project facilitated the workshop. A total of 33 participants of Bishwamvorpur UpDMC were present on the occasion.

In his greeting speech, Samir Ranjan Baral, Assistant Director (Field Operation), VARD, congratulated all the guests presented at the meeting. He explained goal and objectives of DM Plan Project and of the workshop as well.

The disaster management planning session is conducted by Md. Fazlul Hoque, Master Facilitator of VARD-DM Plan Project. The session becomes lively as well as exuberant resulting in active participation of UpDMC members. Disaster management plan format is filled up based on the opinion of the participants.

দৈনিক

স ম য়ের সা হ সী ক ঠ

# সুনামগঞ্জ প্রতিদিন

সুনামগঞ্জ প্রতিদিন, বর্ষ ০১, সংখ্যা ১৩৪, ১৩ ফেব্রুয়ারি, ২০১৪ খ্রিঃ, ০১ ফাল্গুন, ১৪২০ বাংলা, ১২ রবিউল সানি, বৃহস্পতিবার পৃষ্ঠা ৪, মূল্য ৩ টাকা

## বিশ্বস্তরপুরে দুর্যোগ ব্যবস্থাপনা বিষয়ক কর্মশালা



### প্রতিদিন প্রতিবেদক

নদীভাঙ্গন, ঝড়, অতিবৃষ্টি, অকালবন্যা, শিলাবৃষ্টি সহ বিভিন্ন প্রাকৃতিক দুর্যোগের হাত থেকে হাওরাঞ্চলকে রক্ষা করতে মুক্ত আলোচনার মাধ্যমে পরিকল্পনা বাস্তবায়নে এ্যাডভোকেসী সভা করল উপজেলা ত্রাণ ও দুর্যোগ বিষয়ক

অফিস। বিশ্বস্তরপুর উপজেলার উপজেলা নির্বাহী অফিসারের কনফারেন্স রুমে দুর্যোগ ব্যবস্থাপনা পরিকল্পনা প্রণয়ন বিষয়ক উক্ত কর্মশালাটি অনুষ্ঠিত হয়। উপজেলা চেয়ারম্যান মো.তফাজ্জল হোসেন এর সভাপতিত্বে (৩য় পৃষ্ঠায় দেখুন)

## বিশ্বস্তরপুরে দুর্যোগ ব্যবস্থাপনা

১২ ফেব্রুয়ারী মধ্যাহ্নে উপজেলার দুর্যোগ ব্যবস্থাপনা কমিটির সকল সদস্যবৃন্দ উপস্থিত ছিলেন। তথ্যমতে, ৫টি ইউনিয়নের সমষ্টি হাওরাঞ্চল অধ্যুষিত বিশ্বস্তরপুর উপজেলার জনসংখ্যা ১,৫৬,৩৮১ জন এর ৬৫% কৃষিজীবী, ২৫% মৎস্যজীবী ও ১০% অন্যান্য পেশাজীবির মানুষ বসবাস করে। পুরনম - ৭৮১৭৫ জন এবং মহিলা - ৭৮২০৬ জন বসবাসকারীর প্রত্যেকেই কোন না কোন ভাবে প্রাকৃতিক দুর্যোগের কবলে পড়ছেন। পাহাড়ী ঢলে প্রতিবছরেই ক্ষতি হচ্ছে ফসলের মাঠ। অকাল বন্যায় ক্ষতিগ্রস্ত হচ্ছে মৎস্য শিল্প। সার্বিক দিকে অত্যন্ত দুর্যোগ প্রবন এলাকা হিসেবে বিশ্বস্তরপুরকে চিহ্নিত করা হয়েছে।

ত্রাণ ও দুর্যোগ মহালায়, উপজেলা প্রশাসন, উপজেলা পরিষদ, জনপ্রতিনিধি, সেচ্ছাসেবী, এনজিও সংস্থার সার্বিক প্রচেষ্টায়ই দুর্যোগ মোকাবেলা ও ত্রাণ বিতরণ কার্যক্রম সেবা সুষ্ঠুভাবে পরিচালনা করা সম্ভব বলে মতামত ব্যক্ত করেন।

অনুষ্ঠানে অন্যান্যদের মধ্যে উপস্থিত ছিলেন, উপজেলা ত্রাণ ও দুর্যোগ ব্যবস্থাপনা কর্মকর্তা মোঃ মানিক মিয়া, থানা ভারপ্রাপ্ত কর্মকর্তা মোঃ আবছার, সমবায় কর্মকর্তা মোঃ গাজিউর রহমান, মাধ্যমিক শিক্ষা অফিসার মোঃ ছরোয়ার আলম, বাদাঘাট (দেং) ইউপি চেয়ারম্যান এ্যাডভোকেট ছবাব মিয়া প্রমুখ।



সর্বাধিক প্রচারিত সুনামগঞ্জ জেলার একমাত্র নিয়মিত সাপ্তাহিক

# সুনামকণ্ঠ

মঙ্গলবার, ১৮ ফেব্রুয়ারি ২০১৪, ০৬ ফাল্গুন ১৪২০, ১৭ রবিউল সানি ১৪৩৫



কর্মশালা উপস্থিত অতিথিবৃন্দের একাংশ

সুনামকণ্ঠ

## বিশ্বস্তরপুরে ভার্ডের কর্মশালা অনুষ্ঠিত

স্টাফ রিপোর্টার ::

ভার্ড-এর উদ্যোগে কম্প্রিহেনসিভ ডিজাস্টার ম্যানেজমেন্ট প্রোগ্রাম (সিডিএমপি-২)-এর আর্থিক সহযোগিতায় দুর্ভোগ ব্যবস্থাপনা পরিকল্পনা প্রকল্পের আওতায় গত ১২ ফেব্রুয়ারি বিশ্বস্তরপুর উপজেলা পরিষদ হলরুমে উপজেলা দুর্ভোগ ব্যবস্থাপনা কমিটি, বিশ্বস্তরপুর-এর অংশগ্রহণে দুর্ভোগ ব্যবস্থাপনা পরিকল্পনা প্রণয়ন বিষয়ক এক কর্মশালা অনুষ্ঠিত হয়। উক্ত কর্মশালায় সভাপতিত্ব করেন উপজেলা চেয়ারম্যান পৃ. ও কলাম ৬

### বিশ্বস্তরপুরে ভার্ডের

মো. তফাজ্জল হোসেন। কর্মশালায় মুখ্য সঞ্চালকের ভূমিকায় ছিলেন প্রজেক্ট ফ্যাসিলিটের মো. ফজলুল হক। ভার্ডের সহকারি পরিচালক (এফও) সমীর রঞ্জন বড়াল স্বাগত বক্তব্যে উপস্থিত সকলকে শুভেচ্ছা ও অভিনন্দন জানান। এছাড়া, তিনি দুর্ভোগ ব্যবস্থাপনা পরিকল্পনা প্রকল্প এবং কর্মশালার লক্ষ ও উদ্দেশ্য ব্যাখ্যা করেন।

দুর্ভোগ ব্যবস্থাপনা পরিকল্পনা প্রণয়ন বিষয়ক সেশন পরিচালনা করেন মো. ফজলুল হক। উপজেলা দুর্ভোগ ব্যবস্থাপনা কমিটির সদস্যবৃন্দের কার্যকরী অংশগ্রহণের ফলে কর্মশালা প্রাঞ্জল ও প্রাণবন্ত হয়ে ওঠে। উপস্থিত সকলের মতামতের ভিত্তিতে দুর্ভোগ ব্যবস্থাপনা পরিকল্পনা প্রণয়ন করা হয়। উল্লেখ্য আলোচনায় বিভিন্ন সরকারি-বেসরকারি সংস্থা থেকে আগত প্রতিনিধিগণ তাদের অভিজ্ঞতা বিনিময় করেন। তারা তাদের মতামতের ভিত্তিতে দুর্ভোগ ব্যবস্থাপনা পরিকল্পনা প্রণয়ন করেন যা সুনামগঞ্জের প্রেক্ষাপটে দুর্ভোগ ঝুঁকিহ্রাসকরণে কার্যকরী ভূমিকা রাখবে। কর্মশালায় তাদের কাছ থেকে বেশ কিছু গুরুত্বপূর্ণ ও মূল্যবান সুপারিশ পাওয়া যায়। কর্মশালায় বিশ্বস্তরপুর উপজেলা দুর্ভোগ ব্যবস্থাপনা কমিটির মোট ৩৩ জন সদস্য উপস্থিত ছিলেন।

## Annexure 18

### *A Meeting on Disaster Management Plan Validation held at Bishwamvorpur Upazila*

Disaster Management Plan Validation Meeting is held by VARD on 28 May, 2014 at 11:00 A.M. in participation with Upazila Disaster Management Committee (UzDMC), Bishwamvorpur under Disaster Management (DM) Plan Project funded by Comprehensive Disaster Management Programme (CDMP II) at the Hall Room of Bishwamvorpur Upazila Parishad, Sunamganj. Mr. Mohammullah Al Mahmud, the Honorable Upazila Nirbahi Officer, Bishwamvorpur, presided over the workshop. Md. Fazlul Hoque, Master Trainer of VARD-DM Plan Project moderated the workshop. A total of 38 participants of Bishwamvorpur UpDMC were present on the occasion.

In his greeting speech, Mr. Samir Ranjan Baral Assistant Director (Field Operation), VARD, congratulated all the guests presented at the meeting. He explained goal and objectives of DM Plan Project and of the workshop as well.



The disaster management plan session is conducted by Md. Fazlul Hoque, Master Trainer of VARD-DM Plan Project. Disaster management plan is finalized based on constructive and valuable opinion from the members of UzDMC. In the open discussion part of the workshop, participants from different institutions of GO, NGO and civil society shared their experience.

In his closing speech, the president of the meeting Mr. Mohammullah Al Mahmud, the Honorable Upazila Nirbahi Officer, Bishwamvorpur, expresses thanks and gratitude to UzDMC members, CDMP and VARD as they have prepared disaster management plan will play a vital role in disaster risk reduction. He draws attention to the successful implementation of DM Plan Project.

*Report prepared by:*

*Md. Fazlul Hoque  
Master Trainer  
DM Plan Project, VARD  
Date: 28 May, 2014*



# উত্তরপূর্ব

বৃহস্পতিবার, ২৯ মে ২০১৪, ১৫ জ্যৈষ্ঠ ১৪২১, ২৯ রজব ১৪৩৫, রেজি. নং চ ৫৪৩, বর্ষ ৭, সংখ্যা ৬২

## বিশ্বস্তরপুরে দুর্যোগ ব্যবস্থাপনা পরিকল্পনা বৈধকরণ সভা

বিশ্বস্তরপুর প্রতিনিধি

বিশ্বস্তরপুর উপজেলা প্রশাসন সম্মেলন কক্ষে বৃহস্পতিবার ভলাক্টরী এসোসিয়েশন ফর রুরাল ডেভেলপমেন্ট ভার্ডের আয়োজনে দুর্যোগ ব্যবস্থাপনা পরিকল্পনা সভা অনুষ্ঠিত হয়। উপজেলা নির্বাহী অফিসার খন্দকার মোহাম্মদ আব্দুল্লাহ আল মাহমুদের সভাপতিত্বে মূল বিষয়বস্তু উপস্থাপন করেন ডাউ সিএমডিআরআর প্রজেক্ট ম্যানেজার মো. ফজলুল হক, সহযোগিতা করেন সহকারী পরিচালক সমি রঞ্জন বরাল।

অন্যান্যদের মধ্যে উপস্থিত থেকে বক্তব্য রাখেন- মহিলা ডাইন চেয়ারম্যান মোছা. আরেশা আক্তার, বাদামাট (দঃ) ইউপি চেয়ারম্যান অ্যাড. ছবাব মিয়া, উপজেলা প্রকৌশলী মো. আব্দুল হাই, উপজেলা প্রকল্প বাস্তবায়ন কর্মকর্তা মো. মানিক মিয়া, মডেল উচ্চ বিদ্যালয়ের প্রধান শিক্ষক সাজ্জাদুর রহমান সাজু প্রমুখ সভায় দুর্যোগ ব্যবস্থাপনা কমিটির সদস্যবৃন্দ অংশগ্রহণ করে উপজেলার দুর্যোগ মোকাবেলায় বিভিন্ন বিষয় নিয়ে বিস্তারিত আলোচনা ও সিদ্ধান্ত গৃহীত হয়।

June 4, 2014

## Meeting on disaster management planning validation held



VARD organized disaster management planning validation meeting at the hall room of Bishwamvarpur Upazila on 28th May, says a press release. Upazila Nirbahi Officer (UNO) Mohammad Abdullah Al Mahmud presided over the meeting while Master trainer of DM plan project Fazlul Hoque facilitated the programme. Assistant Director (FO) of VARD Samir Ranjan Baral delivered the welcome address. He discussed the about the purpose of the meeting. The plan of disaster management was finalized by the effective opinions of the members of Upazila disaster management committee. Representatives from different Government and Non-Government organizations shared their experiences in the meeting. VARD is implementing disaster management project with the financial assistance of Comprehensive Disaster Management Programme (CDMP-2).

# ২ | সুনামকণ্ঠ

সুনামগঞ্জ, বৃহস্পতিবার, ০৩ জুন ২০১৪, ২০ টোকাট ১৪৯১, ৩৪ শ্রাবণ ১

## বিশ্বভরপুরে ভার্ভের উদ্যোগে দুর্ঘোণ ব্যবস্থাপনা পরিকল্পনা অবহিতকরণ সভা

বিশ্বভরপুরে আয়োজিত ১১ জুন-এর উদ্যোগে আশ্রয়ার্থীদের নিরাপত্তার  
মাফকমেটী প্রোগ্রাম (সিডিএমপি-১)-এর আর্থিক পরামর্শদাতার দুর্ঘোণ  
ব্যবস্থাপনা পরিকল্পনা প্রকল্পের সাক্ষরায় পর ২৩ টি স্থানীয় সমস্যা ১১টির  
বিশ্বভরপুর উপজেলা পরিষদের মেসজের উপজেলা দুর্ঘোণ ব্যবস্থাপনা কমিটি,  
বিশ্বভরপুর-এর অংশগ্রহণে দুর্ঘোণ ব্যবস্থাপনা পরিকল্পনা অবহিতকরণ সভা  
অয়োজিত হয়। উক্ত সভায় সভাপতিত্ব করেন বিশ্বভরপুর উপজেলা নির্বাহী  
অফিসারী বন্দকার মোহাম্মদ আলমগোর। আলমগোর এলা দুর্ঘোণ সমস্যাগুলোর  
দুর্ঘোণ ছিলো বিশেষ প্রায়ের প্রোগ্রামের আর্থিক প্রোগ্রাম খে। সভাপতিত্ব করে।  
সভায় বিশ্বভরপুর উপজেলা দুর্ঘোণ ব্যবস্থাপনা কমিটির মেটী ১০ জন সদস্য  
উপস্থিত ছিলেন। ভার্ভের পরিকল্পনা (এফবি) সমীচ প্রকল্প অধ্যক্ষ  
সহ। সভায় বক্তব্যে উপস্থিত সভাপতি অধ্যক্ষের ব আশ্রয়ার্থীদের  
এসকাল, তিনি দুর্ঘোণ ব্যবস্থাপনা পরিকল্পনা প্রকল্প এলা, ১১ জুন ১

### বিশ্বভরপুরে ভার্ভের

সমস্যা সমাধি ও উদ্যোগ আয়োজিত। বিশ্বভরপুর উপজেলার দুর্ঘোণ ব্যবস্থাপনা  
পরিকল্পনা বিষয়ক সেল পরিকল্পনা সভায় আলমগোর প্রোগ্রাম খে। সভাপতিত্ব করে।  
উপজেলা দুর্ঘোণ ব্যবস্থাপনা কমিটির সভাপতিত্বের আর্থিক প্রোগ্রামের বিভিন্ন  
পরিকল্পনার প্রোগ্রামের সভাপতিত্ব প্রোগ্রামের প্রোগ্রাম দুর্ঘোণ ব্যবস্থাপনা  
পরিকল্পনা প্রোগ্রাম করে। উক্ত সভায় আলমগোর বিশেষ পরিকল্পনা প্রোগ্রাম  
সেবে আলমগোর প্রোগ্রামের প্রোগ্রামের প্রোগ্রাম করে। সভাপতিত্ব করেন  
উপজেলা নির্বাহী অফিসারী বন্দকার মোহাম্মদ আলমগোর। আলমগোর বিশ্বভরপুর  
উপজেলার দুর্ঘোণ ব্যবস্থাপনা পরিকল্পনা প্রোগ্রাম করে। বিশ্বভরপুর উপজেলা  
দুর্ঘোণ ব্যবস্থাপনা কমিটির সভাপতিত্ব, ভার্ভের পরিকল্পনা প্রোগ্রামের প্রোগ্রাম  
এলা আলমগোর প্রোগ্রামের প্রোগ্রাম করে। এই পরিকল্পনা দুর্ঘোণ প্রোগ্রামের  
অধ্যক্ষের দুর্ঘোণ প্রোগ্রাম করে। তিনি দুর্ঘোণ  
ব্যবস্থাপনা পরিকল্পনা প্রকল্পের সাক্ষরায় উপস্থিত অংশগ্রহণ করেন।

Coordinated by

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